R.E. MOUNTAIN SECONDARY



2027/2028

COURSE CATALOGUE



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PRINCIPAL's MESSAGE

Course selection is an exciting time as it brings with it the promise of learning something new and the opportunity to connect with other students. I encourage you to look through our course booklet very carefully. This booklet will list what courses we offer and how they can prepare you for your future. Programs at the school include the traditional academic selections as well as "core" classes for those who need more support. The IB Program is available for those who are looking to apply to universities and would like the extra challenge. R.E. Mountain also has a lot to offer in our elective departments, with classes geared toward those interested in the arts, technology, leadership, applied skills, and athletics.

In addition to your school classes, we encourage you to get involved in athletics and clubs. What you get out of your experience at R.E. Mountain Secondary is what you put into it. Many of our students are involved in service within the school and around the community.

R.E. Mountain is a school that provides an extraordinary amount of opportunity for connection and community. We are a school that prides itself on its diversity and inclusion and we want you to become a part of our long tradition of excellence. When students are actively involved beyond their classes, they will develop meaningful friendships and create lasting memories.

Our counselling and administrative staff are available so that you can make informed choices. We are looking forward to having you become a valued member of R.E. Mountain in the upcoming school year.

Regards,

Ms. Carla Clapton, Principal
cclapton@sd35.bc.ca

ENGLISH LANGUAGE ARTS

ENGLISH 9

This course is designed for students to explore stories and other texts, which are socially, culturally, and historically constructed, and make connections to others and to the world. Students will critically think and inquire about what they hear, read, and view.

ENGLISH 9 CORE

(To be eligible for English 9 Core, students must be recommended by their Grade 8 school, in consultation with Learning Support Services at REMSS)

CORE classes at REMSS are unique classroom environments that are generally made available to students with Individual Education Plans. CORE classes have fewer students in them and aim to organize the information so that it is easier to understand. In English 9 Core, the areas of focus will be: vocabulary development, reading comprehension, written process, personal organization, and executive functioning while reading high interest novels that seek to create lively and thoughtful classroom discussions.

ENGLISH 9 PRE-IB

(Prerequisite: English 8 and admission into the Pre-IB Program)

This course is designed as part of the Pre-IB Track that prepares students for the International Baccalaureate Program. Combined with Social Studies 9 Pre-IB to create a course called "Humanities 9 Pre-IB", the class integrates various genres of literature such as poetry, drama, novels and short stories into Social Studies content and inquiry in ways that encourage creative and critical thinking.

ENGLISH 10: Within the new BC Curriculum, English 10 offers students a choice of two of the following strands (must add up to four credits)

COMPOSITION 10 (2 credits)

Composition 10 is designed for students who have an interest in refining their skills in written communication in a variety of contexts as they continue to explore, extend, and improve their writing. The course provides opportunities for students individually and collaboratively to study, create, and write original, authentic pieces for diverse purpose and in diverse forms. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent purposeful compositions. They will develop their craft through processes of drafting, reflecting, and revising to build a body of work that demonstrates breadth, depth, and evidence of writing for a range of situations. The course provides opportunities for diverse learners to be supported in developing and refining their writing abilities.

ENGLISH LANGUAGE ARTS

CREATIVE WRITING 10 (2 credits)

Creative Writing 10 is designed for students who have an interest in creative expression through language. The course provides students with in-depth opportunities to become better writers through the exploration of personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. This course is intentionally grounded in the exploration and application of writing processes, inviting students to express themselves creatively as they experiment with, reflect on, extend, and refine their writing.

ENGLISH FIRST PEOPLES 10: LITERARY STUDIES (2 credits)

This course is open to all Indigenous and non-Indigenous students and is designed for those who are interested in exploring contemporary texts from outside traditional reading lists. English First Peoples 10 examines the power of storytelling and its influences on cultures and histories. The course surveys Indigenous literatures across a variety of genres including short stories, novels and graphic novels, poems, drama, and film, all created by Indigenous artists from Canada and around the world. EFP 10 also incorporates all the composition skills, both academic and creative that students will require for success in senior English classes.

ENGLISH FIRST PEOPLES 10: NEW MEDIA (2 credits)

This course is open to all Indigenous and non-Indigenous students and is designed for students who are interested in exploring the increasing importance of digital media in communicating and exchanging ideas. This area of choice provides students with opportunities to think about the use of new media and its effects on individuals and on First Peoples communities and cultures. Students will work individually and collaboratively to develop skills needed in an increasingly complex digital world as they demonstrate understanding and communicate ideas through a variety of digital and print media.

ENGLISH FIRST PEOPLES 10: WRITING (2 credits)

This course is open to all Indigenous and non-Indigenous students and is designed for students who are interested in writing for a variety of purposes and contexts. This area of choice provides students with opportunities to become better writers through the exploration of personal and cultural identities, memories, stories, and connections to land/place. Within a supportive community, students will work individually and collaboratively to develop their writing skills and create coherent, purposeful, and engaging compositions. This course is grounded in the exploration and application of writing processes, inviting students to express themselves as they experiment with, reflect on, extend, and refine their writing.

ENGLISH LANGUAGE ARTS

LITERARY STUDIES 10 (2 credits)

Focused Literary Studies 10 is designed for students who are interested in the literature of a particular era, geographical area, or theme, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media.

NEW MEDIA 10 (2 credits)

New Media 10 is a program of studies designed to reflect the changing role of technology in society today and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop a program of study centered on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 10 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success is an increasingly complex digital world by affording opportunities to demonstrate understanding and communicates ideas through a variety of digital and print media.

ENGLISH 10 PRE-IB and ENGLISH FIRST PEOPLES (4 credits)

(Prerequisite: English 9, Pre-IB English 9 and admission into the Pre-IB Program)

This course is designed as part of the Pre-IB Track that prepares students for the International Baccalaureate program and satisfies the English First Peoples graduation requirement. The course surveys Indigenous literatures across a variety of genres including short stories, novels and graphic novels, poems, drama, and film, all created by Indigenous artists from Canada and around the world and will deal with the literature in varying ways. Students also explore non-literary texts, such as essays, online and print texts, and visual texts. The course prepares you for the close reading, analysis, and creative tasks of the IB Literature and IB Language and Literature courses.

ENGLISH LANGUAGE ARTS

ENGLISH 11: Within the new BC Curriculum, English 11 offers students a choice of ONE of the following strands. Each strand is four credits.

COMPOSITION 11

Composition 11 is designed for students who have an interest in refining their skills in written communication in a variety of contexts as they continue to explore, extend, and improve their writing. The course provides opportunities for students individually and collaboratively to study, create, and write original, authentic pieces for diverse purpose and in diverse forms. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent purposeful compositions. They will develop their craft through processes of drafting, reflecting, and revising to build a body of work that demonstrates breadth, depth, and evidence of writing for a range of situations. The course provides opportunities for diverse learners to be supported in developing and refining their writing abilities.

CREATIVE WRITING 11

Creative Writing 11 is designed for students who are interested in using writing for self-expression and various creative purposes. The course provides students with in-depth opportunities to become better writers through the exploration of personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community, students will collaborate and develop their skills through writing and design processes. Creative Writing 11 is grounded in the exploration and application of writing processes, inviting students to express themselves creatively as they experiment with, reflect on, extend, and refine their writing.

ENGLISH FIRST PEOPLES 11

This course is designed for students who are interested in studying First Peoples literature and oral tradition and in strengthening their oral language proficiencies. The course emphasizes oral self-expression and communication in a variety of contexts. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for them to think critically and creatively as they continue to explore, extend, and strengthen their own repertoire of oral language expressions. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful oral and written compositions.

ENGLISH LANGUAGE ARTS

LITERARY STUDIES 11

Focused Literary Studies 11 is designed for students who are interested in the literature of a particular era, geographical area, or theme, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media.

NEW MEDIA 11

New Media 11 is a program of studies designed to reflect the changing role of technology in society today and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop a program of study centered on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 11 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success is an increasingly complex digital world by affording opportunities to demonstrate understanding and communicates ideas through a variety of a digital and print media.

ENGLISH 12: Within the new BC Curriculum, students must choose either English 12 or English First Peoples 12. Each course is four credits.

ENGLISH STUDIES 12

English Studies 12 is designed for students to deepen their understanding of diverse, complex ideas by exploring stories and other texts, which are socially, culturally, geographically, and historically constructed, and make connections to others and to the world. Students will critically think and inquire about what they hear, read, and view. Students will use writing to plan, develop and create engaging and meaningful texts, to express and support an opinion and to transform ideas and information.

ENGLISH LANGUAGE ARTS

ENGLISH FIRST PEOPLES 12

English First Peoples 12 is a unique course, based on the study of texts representing authentic First Peoples voices and incorporating the First Peoples Principles of Learning in the curriculum content and pedagogy. Compared to standard English courses, English First Peoples 12 places increased emphasis on the study and command of oral language and on First Peoples oral traditions. However, like standard English 12 courses, it includes the continued development of reading and writing skills. It also recognizes the value of First Peoples worldviews and the importance of culture in language and communications. Throughout the course, there is a focus on themes, issues, and topics of importance to First Peoples, as identified by a diverse advisory team.

CREATIVE WRITING 12 (THIS IS AN ELECTIVE COURSE)

Creative Writing 12 is designed for students who are interested in using writing for self-expression and various creative purposes. The course provides students with in-depth opportunities to become better writers

through the exploration of personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community, students will collaborate and develop their skills through writing and design processes. Creative Writing is grounded in the exploration and application of writing processes, inviting students to express themselves creatively as they experiment with, reflect on, extend, and refine their writing.

LITERARY STUDIES 12 (THIS IS AN ELECTIVE COURSE)

Focused Literary Studies 12 is designed for students who are interested in the literature of a particular era, geographical area, or theme, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media.

NEW MEDIA 12 (THIS IS AN ELECTIVE COURSE)

New Media 12 is a program of studies designed to reflect the changing role of technology in society today and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop a program of study centered on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 12 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success is an increasingly complex digital world by affording opportunities to demonstrate understanding and communicates ideas through a variety of digital and print media.

ENGLISH LANGUAGE ARTS

NEW MEDIA 12 – SPORTS JOURNALISM

Athletics provide great drama and stories, whether it be last minute heroics, individual efforts, or the collective cohesion of a team. Sports Journalism 12 is an academic elective course that will allow our communities' stories to be told. Students will be taught the basics of journalism including interviewing skills, evidence and data collection and how to craft an engaging narrative. Students will have the opportunity to follow an athletics program in our school and tell the story of this collective through a journalistic lens. They will engage with the coaches, players and volunteers that make these programs run. Assignments will focus on journalistic integrity, communication skills and the ability to share a story to the masses.

LITERARY STUDIES 12: CONTEMPORARY LITERATURE

Literary Studies 12 is an academic elective class for students who like to read, discuss, and write about literature written within the last few decades. It offers students curious about literature the opportunity to delve deeply into a diversity of contemporary texts that offer a window into the human condition – our virtues, our vices and our shared experiences. In this course, students will develop a critical appreciation for the richness and variety of literature through an exploration of texts from a variety of sources, in multiple modes, that reflect diverse personal and world views including BIPOC and 2SLGBTQ+ perspectives. Assignments in this class will focus on discussion, literary theory, and critical analysis.

IB IS A TWO YEAR PROGRAM AND STUDENTS ARE ACCEPTED BY APPLICATION. Higher Level requires 40 additional hours of instruction.

IB ENGLISH LITERATURE A 11/12 (SL and HL)

The Language A: Literature course is a two-year theme-based course that introduces students to the investigation of literary texts. This course involves a comprehensive exploration of literature from a variety of cultures, genres, and periods. The study of literary works in context is emphasized and through the study of literature in translation, the student is challenged to reflect on the role of cultural assumptions in interpretation. Students engage with and learn to appreciate the artistry of literature and develop the ability to reflect critically on their reading, presenting literary analysis powerfully through both oral and written communication.

SOCIAL STUDIES

SOCIAL STUDIES 9

This course will focus on several topics relating to the development of the world and Canada between 1700 and 1900. The contributions of groups such as Aboriginal people, the French, the British and immigrants will be studied. Topics such as European settlement of North America, the development of nations and social order, political revolutions (US, French, Haitian revolution), the industrialization of the western world, the 1837-38 rebellions, Confederation, the Red River Rebellion, and the North-West Rebellion will help students understand the development of Canada. Students must be prepared to meet increased expectations in basic skills such as reading and writing along with a more academic approach to the subject. A good work ethic along with a serious attitude towards learning increases chances of success.

SOCIALS STUDIES 9 CORE

(To be eligible for Social Studies 9 Core, students must be recommended by their Grade 8 school, in consultation with Learning Support Services at REMSS)

CORE classes at REMSS are unique classroom environments that are generally made available to students with Individual Education Plans. CORE classes have fewer students in them and aim to organize the information so that it is easier to understand. In Social Studies 9 Core, the area of focus will be: vocabulary development, reading comprehension, critical thinking, personal organization, and executive functioning while analyzing historical events through perspective, ethical dimensions, and primary sources.

SOCIAL STUDIES 9 PRE-IB

(Prerequisites: Social Studies 8 and admission into the Pre-IB Program – this is an accelerated course)

This course covers the Social Studies 9 curriculum. The intent of Social Studies 9 Pre-IB is to prepare students for the academic rigors of the IB program and will focus on research, essay writing, and critical historical thinking skills. The subject matter includes the roots of democracy, fights for rights, and the development of Canada. Students will further develop a strong work ethic and their ability to work independently and in groups. Students enrolled in this course will finish and get credit for Social Studies 9 and about 1/3rd of the Social Studies 10 course. In Grade 10, Pre-IB students will complete Social Studies 10 and Social Studies 11.

SOCIAL STUDIES

SOCIAL STUDIES 10

This course will focus on several topics related to the development of Canada and the world from 1914 to today. The contributions and perspectives of groups such as Aboriginal Canadians, French Canadians, women, and immigrants will be studied. Historical topics such as WWI the, Interwar Years, WWII, the Cold War, and the Post WWII world will be examined in depth in to help students gain a better understanding of the development of Canada and Canadian Identity. Government structure and current geographic issues will also be explored so that students can gain the skills and knowledge they need to become active global citizens. Students must be prepared to meet increased expectations in basic skills such as reading and writing along with a more academic approach to the subject.

SOCIAL STUDIES 10 PRE-IB

(Prerequisite: Social Studies 9 Pre-IB, Social Studies 9 and admission into the IB Program)

Utilizing the Social Studies 10 curricular competencies, students will prepare for the academic challenges of the IB Program offered at Mountain. Students will develop their writing skills, analytical abilities as well as their note taking in an effort to provide students with the academic background necessary to be successful in the IB Program. Students in this class will complete Social Studies 10 and Explorations of Social Studies 11.

SOCIALS STUDIES 10 CORE

(To be eligible for Social Studies 10 Core, students must be recommended in consultation with Learning Support Services at REMSS)

CORE classes at REMSS are unique classroom environments that are generally made available to students with Individual Education Plans. CORE classes have fewer students in them and aim to organize the information so that it is easier to understand. In Social Studies 9 Core, the area of focus will be: vocabulary development, reading comprehension, critical thinking, personal organization, and executive functioning while analyzing historical events through perspective, ethical dimensions, and primary sources.

SOCIAL STUDIES

STUDENTS MUST COMPLETE A SOCIAL STUDIES 12 COURSE AS A GRADUATION REQUIREMENT.

20th CENTURY HISTORY 12

In 20th Century History, students will explore some of the most critical moments of these years: significant conflicts, crises, and their peace settlements, impactful movements for social and political change, and pivotal technological innovations.

Through a lens of Cause and Consequence, students will analyze the post-WWI world and the push for a new "world order". We will then explore revolutions and conflicts such as the Russian Revolution, the rise of totalitarian regimes and dictatorships, Genocides and Crimes against Humanity, WWII, the Cold War, the Vietnam War, the Civil Rights Movement, and the collapse of the USSR. Students will analyze the conflicting ideals of Nationalism, Imperialism, Communism, Fascism, Capitalism and Socialism. By the end of the course, students will be able to answer the question, "To what extent can one person, or idea, change the course of History?"

BC FIRST PEOPLES 12

BC First Peoples 12 examines cultural, historical, and contemporary issues as they relate to Aboriginal Peoples in British Columbia. Students will become acquainted with the identities, worldviews, and languages of First Peoples. They will also study the past and current impacts of contact and colonialism, as well as the diversity and resiliency of Aboriginal communities and cultural/political expressions. More specifically, students will be expected to attain a greater awareness and understanding of the traditional territories of BC First Nations, the relationships between First Peoples and the land, the impact of historical exchanges of ideas, the results of government policies, the Aboriginal response and resistance to these policies, the role of the media as it relates to First Peoples, the traditional structure First Peoples' governance, and contemporary challenges facing First Peoples in our province.

SOCIAL STUDIES

COMPARATIVE CULTURES 12

In this course, students will study the rise and fall of Ancient Civilizations including Ancient Egypt, Greece, Rome, Japan, India, the Incas, and the Aztecs. Students will investigate the development of these early societies by analyzing their technological innovations, geography, political ideals, value systems, methods of law and order, religious beliefs, art and literature, and their cross-cultural interactions. Students will have the opportunity to pursue a Passion Project on a civilization(s) of their choice, and many units will be accompanied by Art project – some possibilities include ceramics, painting, sculpture, and dramatizations.

GENOCIDE STUDIES 12

Genocide Studies will provide students with the opportunity to study both past and present acts of Genocide and Crimes Against Humanity through a variety of case studies. Students will learn what constitutes a Genocide, where the term came from, and how it has evolved and been examined over time.

We hope to shine a light on past and present injustices and answer the questions; How do genocides come to take place? How are they patterned? What motivates people to participate in such violence? How is genocide represented, identified, resisted, questioned, and remembered? How do bystanders profit? Who instigates? Who is responsible for intervening? How is justice achieved? And perhaps most importantly, how might it be prevented or disrupted?

HUMAN GEOGRAPHY 12

The purpose of this course is to give students a better understanding of the impact of human behaviours on our society and our planet. Students taking Human Geography 12 will be given the opportunity to better understand the world by examining data related to population change, the use of physical space, the consumption of resources, the environmental impact of human activities, the development of industrialization and urbanized societies and the political organization of regions. This course examines the causes, impacts, and resolutions of current social, political, economic, and environmental issues.

SOCIAL STUDIES

LAW STUDIES 12

Law 12 is a survey course in Canadian Law. Some areas covered are the Charter of Rights and Freedoms, Philosophy of Law, History of Law, Legal System of Canada, Criminal Law, Legislation Concerning Children and Youth, Legislation Concerning Aboriginal Peoples and Tort Law. A case study approach is taken. Students must be able to think critically, have good reading and writing skills, and be willing and able to share their view on a legal matter in a clear, respectful manner. Students must be prepared to work hard to reach their potential.

PHILOSOPHY 12

Philosophy 12 introduces students to philosophical arguments and theory from a variety of schools of thought. Delving into life's biggest puzzles and questions, this course teaches students how to apply philosophical ways of thinking about them. Guided practice in analytical reading and writing well-argued philosophical prose will help students articulate, examine, and reflect on their own and others' ideas. This is very much a discussion-driven class that balances individual writing tasks with collaborative-based activities.

Topics covered in Philosophy 12 include: reality and existence, theory of knowledge (epistemology), the mind (metaphysics), logic and language, right and wrong (ethics), society, and beauty and art (aesthetics).

PSYCHOLOGY 12

Psychology 12 focuses on the scientific study of human behaviour and processes over different contexts. The goal of Psychology 12 is to survey a variety of psychological perspectives to analyze, interpret, and make sense of why humans behave the way they do both in the past and present. By incorporating psychological theory and research skills, students will use their own personal experiences to make connections and apply their knowledge. Content in Psychology 12 also embarks on a variety of disciplines that include sociology, psychiatry, and philosophy. Students should have a good grasp of reading comprehension, writing, and communication skills to flourish in this class.

Some selected areas of the field of Psychology include mental health (self-care), psychological disorders, developmental psychology, social psychology, biopsychology, forensic psychology, criminal psychology, motivation, and personality.

SOCIAL STUDIES

SOCIAL JUSTICE 12

The aim of Social Justice 12 is to raise students' awareness of Social Injustices, to enable them to analyze situations from a social justice perspective, and to provide them with knowledge, skills, and an ethical framework to advocate for a socially just world.

Students will explore their own beliefs and values and consider the origins of these beliefs. In addition, this course will allow students to support and challenge their beliefs and values through reflection, discussion, and critical analysis. Social Justice 12 builds on students' innate sense of justice, motivating them to think and act ethically, and empowering them to realize their capacity to effect positive change in the world. This course promotes the pursuit of social justice as an important responsibility for all and encourages students to develop the commitment and ability to work toward a more just society. By the end of this course, students will have worked towards answering, "Why should I care about these issues and injustices, and take action to improve them, when I don't think they impact me directly?"

IB IS A TWO YEAR PROGRAM AND STUDENTS ARE ACCEPTED BY APPLICATION. Higher Level requires 40 additional hours of instruction.

IB ECONOMICS 11/12 SL and HL

At both standard level and higher level, candidates are required to study four topics: microeconomics, macroeconomics, international economics, and development economics with some sub-topics within these reserved solely for higher level. These sections are assessed by two examinations at standard level and three examinations at higher level.

SOCIAL STUDIES

The course emphasizes the economic theories of microeconomics, which deals with economic variables affecting individuals, firms and markets, and the economic theories of macroeconomics, which deal with economic variables affecting countries, governments, and societies. These economic theories are not to be studied in a vacuum – rather, they are to be applied to real-world issues. Prominent among these issues are fluctuations in economic activity, international trade, economic development, and environmental sustainability. The ethical dimensions involved in the application of economic theories and policies permeate throughout the economics course as students are required to consider and reflect on human end-goals and values.

The economics course encourages students to develop international perspectives, fosters a concern for global issues, and raises students' awareness of their own responsibilities at a local, national, and international level. The course also seeks to develop values and attitudes that will enable students to achieve a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interdependent world.

IB GEOGRAPHY 11/12 SL and HL

This is the first year of the 2-year IB Geography course. IB Geography 11 is a course that revolves around the themes of population change, climate change, resource management and environmental sustainability. The theme of population involves an examination of past, current, and future trends in areas such as distribution, fertility, mortality, disease, migration, and age structure. The theme of climate change entails the study of the causes of, impacts of, and responses to global temperature shifts. The themes of environmental sustainability and resource management examine patterns of resource production, consumption, availability, distribution, and trade, as well as the impacts of these activities on the environment.

IB PSYCHOLOGY 11/12 SL and HL

This course is offered as part of the International Baccalaureate Diploma Programme (Group 3). Students explore biological, cognitive, and sociocultural approaches to understanding behaviour through key concepts and contemporary research. The curriculum also covers applied areas of psychology, including learning and cognition, human relationships, human development, and health and well-being, which help students connect theoretical perspectives to real-world issues. Class practicals, such as short experiments, observations, and surveys, give students firsthand experience with research methods. Higher Level students engage with additional extension content and develop advanced skills such as data analysis. Final written examinations take place at the end of Grade 12.

SOCIAL STUDIES

BLACK STUDIES 12

Students of Black Studies will understand Black history as an important and legitimate branch of historical and contemporary inquiry. The course immerses learners in an interdisciplinary approach that includes but is not limited to Social Studies, English Language Arts, Science, Visual Arts, Media Arts and Music. Black Studies in foundationally intersectional, anti-racist, place-based, and student centered. The course provides all learners with the opportunity to understand oppressive systems, examine how a diversity of Black peoples affected change in colonial Canada & British Columbian history and explores complex contemporary Black identities and reimagines their place and futures in a 21st Century world.

CRIMINOLOGY 12

In society, crime and deviant behavior are often among the top concerns of community members, as well as a point of fascination. From the nightly news to personal experiences with victimization, crime seems to be all around us. With the rise of social media and docudramas, crime has become a selling point in the media. In this course, we will explore the field of criminology, or the study of crime. We will look at possible explanations for crime from psychological, biological, and sociological standpoints, explore the various types of crime and their consequences for society, and investigate how crimes and criminals are handled by the criminal justice system from both a global and a Canadian perspective. A key component of the course will be the experiences of Indigenous peoples within the Canadian justice system, including the historical and ongoing impacts of colonialism, overrepresentation in prisons, and the role of systemic racism. We will also explore Indigenous perspectives on justice, healing, and community-based approaches to crime prevention and resolution.

SOCIAL STUDIES

CONTEMPORARY INDIGENOUS STUDIES 12

The Contemporary Indigenous Studies 12 course in British Columbia is designed to empower students by providing them with strong communication skills and an understanding and appreciation of indigenous issues. The course focuses on the identities, worldviews, and languages of indigenous peoples, emphasizing their connection to the land and the ongoing efforts to reclaim mental, emotional, physical, and spiritual well-being despite the effects of colonialism. Students will engage in critical thinking, creative thinking, and reflection, while also being respectful of a range of perspectives and worldviews. The course includes core competencies such as Communication, Thinking, and Personal, and is self-paced, requiring students to manage their time effectively to complete the course by the deadline.

MATHEMATICS

MATHEMATICS 9

In Mathematics 9 students will develop their reasoning and analyzing, understanding and solving, communicating and representing, and connecting and reflecting skills in these curricular areas: Operations with Rational Numbers, Exponents, Linear Relationships, Algebra, Proportional reasoning, Finance, and Data Analysis. In addition to developing basic numeracy skills, Mathematics 9 continues to focus on problem solving and communicating mathematical reasoning. Mathematics 9 encourages students to develop a clear understanding of mathematical concepts, recognize the inter-disciplinary nature of mathematics and appreciate its contributions to the world around us. This course will help prepare students for Mathematics courses at the Grade 10 level. A scientific calculator is required for this course.

MATHEMATICS 9 PRE-IB

Prerequisite: Admission to the Pre-IB Program.

This accelerated course is designed for students with a strong understanding of and enthusiasm for mathematics. Students complete the Mathematics 9 curriculum and most of the Foundations and Pre-Calculus 10 curriculum, receiving credit for Mathematics 9. In Grade 10, Pre-IB students complete the remaining Foundations and Pre-Calculus 10 curriculum and all of Pre-Calculus 11, receiving credit for both courses.

In addition to covering material at an accelerated pace, the course emphasizes deeper mathematical understanding, logical reasoning, problem solving, and effective mathematical communication. Students are expected to engage in regular independent practice and develop a strong foundation for further studies in mathematics, particularly the IB Mathematics program.

MATHEMATICS

MATHEMATICS 9 CORE

(To be eligible for English 9 Core, students must be recommended by their Grade 8 school, in consultation with Learning Support Services at REMSS)

CORE classes at REMSS are unique classroom environments that are made available to students with Individual Education Plans. A CORE class has fewer students in them and aims to organize the information so that it is easier to understand. Mathematics 9 Core is designed for students who struggle with mathematical concepts and/or reasoning. In this course students will develop an understanding of the essential learning outcomes in four broad curricular areas: Operations with Numbers in Algebraic Situations, Linear Algebra, Proportional Reasoning and Data Analysis. In addition to developing basic numeracy skills, Mathematics 9 Core continues to focus on problem solving and communicating mathematical reasoning. A scientific calculator is required for this course.

FOUNDATIONS & PRE-CALCULUS MATH 10

(Prerequisite: Math 9 with a recommend C+ or better)

Foundations of Mathematics & Pre-Calculus 10 is one of two pathways at the Grade 10 level. This course is intended for students who wish to pursue post-secondary studies at the college and university level. Please check university and faculty admission requirements prior to deciding on a pathway; see counsellors for assistance. In this course students will develop reasoning and modeling, understanding and solving, communicating and representing, and connecting and reflecting skills in these areas: operations with powers, multiplying polynomials, factoring numbers and polynomials, representing relationships using functions, arithmetic sequences, systems of equations, trigonometry, and financial literacy. Students who complete this course are eligible to take Foundations of Mathematics 11, Pre-Calculus 11, or Workplace Math 11. A scientific calculator is required for this course.

MATHEMATICS

FOUNDATIONS & PRE-CALCULUS MATH 10/11 PRE-IB

Prerequisite: Pre-IB Math 9 or equivalent preparation, and admission to the Pre-IB Program.

This accelerated course is designed for students with a strong interest in mathematics who are prepared for challenging mathematical work. Students complete the remaining one-third of the Foundations and Pre-Calculus 10 curriculum and all of Pre-Calculus 11, receiving credit for both courses.

In addition to covering the curriculum at an accelerated pace, students explore mathematical concepts in greater depth, with particular emphasis on logical reasoning, problem solving, understanding the principles underlying mathematical techniques, and effective mathematical communication. Students are expected to undertake substantial independent practice and develop a strong foundation for further studies in mathematics.

This course is particularly recommended for students intending to pursue IB Mathematics in Grades 11 and 12. Students who complete the course are also eligible to take Pre-Calculus 12.

A scientific calculator is recommended and may be required by the classroom teacher. A graphing calculator is optional, but will be required for students continuing into IB Mathematics. The TI-84 Plus CE is strongly recommended for IB Mathematics, although other TI-84 models are also acceptable.

WORKPLACE MATH 10 (Prerequisite: Math 9 or Math 9 Core)

Workplace Mathematics 10 is the second of two pathways at the Grade 10 level. This course is intended for students who wish to pursue post-secondary training in a trade or who wish to enter the workforce immediately after graduation. Please check college and faculty admission requirements prior to deciding on a pathway; see counsellors for assistance. In this course students will develop reasoning and modeling, understanding and solving, communicating and representing, and connecting and reflecting skills in these areas: proportional reasoning, measurement, flexibility with numbers, trigonometry, graphing, finance, and representing & analyzing data. Content areas include graphing, measurement, trigonometry, probability, and finance. Students who complete this course are eligible to take Workplace Mathematics 11. A scientific calculator is required for this course.

MATHEMATICS

FOUNDATIONS OF MATH 11
(Prerequisite: Foundations & Pre-Calculus Math 10)

Foundations of Mathematics 11 is one of three pathways at the Grade 11 level. This course is intended for students who wish to pursue post- secondary studies in programs that do not require grounding in theoretical calculus. Please check college and faculty admission requirements prior to deciding on a pathway; see counsellors for assistance. In this course students will develop reasoning and modeling, understanding and solving, communicating and representing, and connecting and reflecting skills in these areas: Proportions, Relations and Functions, Logical Reasoning, and Statistical Analysis. Students are expected to reason and model in situational contexts, understand, and solve through inquiry, communicate, and represent by explaining and justifying mathematical ideas and decisions, and connect and reflect with each other. This course satisfies the mathematics requirement for graduation. Students who complete this course are eligible to take Foundations of Mathematics 12. A graphing calculator is required for this course: TI-83 or TI-84.

PRE-CALCULUS 11
(Prerequisite: Foundation & Pre-Calculus Math 10 with a recommended grade of 67% or better)

Pre-Calculus 11 is one of three pathways at the Grade 11 level. This course is intended for students who wish to pursue post-secondary studies in programs that require grounding in theoretical calculus. Please check college and faculty admission requirements prior to deciding on a pathway; see counsellors for assistance. In this course students will develop reasoning and modeling, understanding and solving, communicating and representing, and connecting and reflecting skills in these areas: Generalization of Algebraic Relationships, Connections with Powers, Radicals, and Polynomials, Relationships of Quadratics, and Proportional Reasoning in Trigonometry. This course satisfies the mathematics requirement for graduation. Students who complete this course are eligible to take Pre-Calculus 12. A graphing calculator is recommended for this course: TI- 83 or TI-84.

WORKPLACE MATH 11
(Prerequisite: Workplace Math 10 or Foundations & Pre-Calculus Math 10)

Workplace Mathematics 11 is one of three pathways at the Grade 11 level. This course is intended for students who wish to pursue post-secondary training in a trade or who wish to enter the workforce immediately upon graduation. Please check college and faculty admission requirements prior to deciding on a pathway; see counsellors for assistance. In this course, students will develop reasoning and modeling, understanding and solving, communicating and representing, and connecting and reflecting skills in these areas: proportional reasoning, financial literacy (investments, loans, budgeting), representation of 3D Objects, numeracy skills and data analysis (probability, statistics, and graphing). Students will have the opportunity to complete both digital and hands-on projects. This course satisfies the mathematics requirement for graduation. A scientific calculator is required for this course.

MATHEMATICS

FOUNDATIONS OF MATH 12

(Prerequisite: Foundations of Mathematics 11 or recommendation by teacher)

Foundations of Mathematics 12 is intended for students who wish to pursue post-secondary studies in programs that do not require solid grounding in theoretical Calculus. Please check college and university admission requirements prior to selecting this course; see counsellors for assistance. In this course students will develop critical thinking, problem solving and reasoning skills in relation to four broad curricular areas: Financial Mathematics; Logical Reasoning; Probability; Relations and Functions; Research Methods. Students are expected to reason and model by exploring, analyzing, and applying their ideas through inquiry, communicating, and representing their ideas in a variety of ways, and connecting and reflecting with each other. A graphing calculator is required for this course: TI-83 or TI-84.

PRE-CALCULUS 12

(Prerequisite: Pre-Calculus 11 with recommended grade of 73% or higher)

Pre-Calculus 12 is intended for students who wish to pursue post-secondary studies in programs that require solid grounding for theoretical calculus. Please check college and university requirements prior to selecting this course; see counsellors for assistance. In this course students will develop critical thinking, problem solving and reasoning skills in three broad curricular areas: using inverses to explore relationships with functions, exploring characteristics and modelling with functions; transformations with functions. A graphing calculator is recommended for this course: TI-83 or TI-84.

CALCULUS 12

(Prerequisite: Pre-Calculus 11 with recommended grade of 80% or higher and concurrently enrolled in Pre-Calculus 12)

Calculus 12 is a college or university preparatory course. It is highly recommended for students who plan to continue studies in engineering, engineering technology, any science related field or business program at the university level. Calculus 12 may be taken concurrently with Pre-Calculus 12. The first part of this course focuses on limits and understanding the derivative of a function as the instantaneous rate of change. The second portion of this course emphasizes various aspects of integral calculus. A graphing calculator is strongly recommended for this course: TI-83 or TI-84.

MATHEMATICS

IB IS A TWO YEAR PROGRAM AND STUDENTS ARE ACCEPTED BY APPLICATION. Higher Level requires 40 additional hours of instruction.)

IB MATH: ANALYSIS AND APPROACHES 11/12 SL

Prerequisite: Completion of Pre-IB Math 10 or Pre-Calculus 11, and admission to the IB Program.

IB Mathematics: Analysis and Approaches Standard Level is a demanding two-year course designed for students who enjoy mathematics and wish to develop advanced mathematical thinking, reasoning, and problem-solving skills. Students entering this course are expected to have a strong foundation in mathematics, including well-developed algebraic skills, conceptual understanding, and the ability to apply mathematical techniques confidently.

The course builds upon this foundation, emphasizing deeper mathematical understanding, the construction of mathematical arguments, and the application of mathematical concepts to unfamiliar and challenging problems. Students explore both abstract and real-world applications of mathematics, with and without the use of technology.

Topics include number, algebra, functions, statistics, probability, trigonometry, geometry, and calculus. The content overlaps substantially with Pre-Calculus 12, Calculus 12, and Statistics 12, but generally involves more challenging problems and a greater emphasis on mathematical reasoning and conceptual understanding.

A graphing calculator is required. The TI-84 Plus CE is strongly recommended, although other TI-84 models are also acceptable.

MATHEMATICS

IB MATH: ANALYSIS AND APPROACHES 11/12 HL

Prerequisite: Completion of Pre-IB Math 10 or Pre-Calculus 11, and admission to the IB Program. Students requesting IB Mathematics HL will have their readiness for the course reviewed by the IB Coordinator, in consultation with their mathematics teacher and/or an IB Mathematics teacher.

IB Mathematics: Analysis and Approaches Higher Level is a highly demanding two-year course designed for students with a strong interest in mathematics who enjoy challenging and abstract mathematical problems. Students entering this course are expected to have a very strong foundation in mathematics, including excellent algebraic skills, a thorough understanding of mathematical concepts, and well-developed mathematical reasoning and problem-solving abilities.

The course builds upon this foundation, emphasizing rigorous mathematical reasoning, the construction of mathematical proofs and arguments, and the application of mathematical concepts to unfamiliar and complex problems. Compared with Standard Level, Higher Level covers considerably more material, explores concepts in greater depth, and requires a higher level of mathematical sophistication. Students should be prepared for a challenging pace and substantial independent practice throughout the two-year program.

Students explore both abstract and real-world applications of mathematics, with and without the use of technology. Topics include number, algebra, functions, statistics, probability, trigonometry, geometry, and calculus, with additional advanced topics such as complex numbers, vectors, and mathematical proof. The course is particularly well suited to students intending to pursue mathematics or mathematically intensive fields at the post-secondary level.

A graphing calculator is required. The TI-84 Plus CE is strongly recommended, although other TI-84 models are also acceptable.

SCIENCE

SCIENCE 9

Science 9 provides a preview of some of the major fields of science. In biology it examines microscopy and cells, asexual and sexual reproduction. Physics examines static and current electricity and applications in the home. Chemistry looks at the periodic table, atoms and ions, ionic and covalent compounds, and properties of matter. Scientific investigation skills are integrated throughout the year.

SCIENCE 9 CORE

(To be eligible for English 9 Core, students must be recommended by their Grade 8 school, in consultation with Learning Support Services at REMSS)

CORE classes at REMSS are unique classroom environments that are made available to students with Individual Education Plans. A CORE class has fewer students in them and aims to organize the information so that it is easier to understand. In biology, it examines microscopy and cells, asexual and sexual reproduction. Physics examines static and current electricity and applications in the home. Chemistry looks at the periodic table, atoms and ions, ionic and covalent compounds, and properties of matter. Scientific investigation skills are integrated throughout the year.

SCIENCE 9 PRE-IB

(Prerequisite: Science 8 and admission into the Pre-IB Program)

Science 9 Pre-IB will cover all the topics in the Science 9 program, however, the topics will be enriched with a focus on more independent student-oriented work, higher level thinking skills; for example: explaining and analyzing data or information and in some topics, taking them to a greater depth.

SCIENCE 10

Science 10 is generally regarded as a preparatory program for the senior science courses allowing students, based on their successes and interests, to decide on which of the senior science courses to take in Grade 11 & 12. Students must take at least one Science 11 or 12 course to graduate. In biology it examines DNA and hereditary patterns. Physics examines conservation of energy between kinetic and potential energy. Chemistry looks deeper at the periodic table, atoms and ions, ionic and covalent compounds, and properties of matter. Scientific investigation skills are integrated throughout the year with the use of more sophisticated scientific tools in investigations.

SCIENCE

SCIENCE 10 CORE

(Prerequisite: To be eligible for Science 10 Core, students must be recommended by Learning Support Services at REMSS)

CORE classes at REMSS are unique classroom environments that are made available to students with Individual Education Plans. A CORE class has fewer students in them and aims to organize the information so that it is easier to understand. Topics with specific emphasis include ecology and ecosystems, chemical reactions, and Earth Science. Scientific investigation skills are integrated throughout the year. Students who wish to pursue Biology, Chemistry, or Physics at the Grade 11 level are encouraged to take Science 10.

SCIENCE 10 PRE-IB

(Prerequisites: Science 9, Science 9 Pre-IB and admission into the IB Program)

Science 10 Pre-IB is considered a pre-IB level course preparing students for science courses at the IB level. It will cover the topics covered in science 10 curriculum with an emphasis on more independent student-oriented work and higher-level thinking skills. It will introduce some of the topics from senior level sciences and IB models of assessment.

CHEMISTRY 11

Chemistry is a science concerned with the study of the materials of our environment, their properties, and the way in which they interact with each other. This course reviews and expands on the topics introduced in the chemistry sections of the junior science curriculum and introduces new material in the areas of electron structure, mole concept (calculation), organic and solution chemistry. Practical laboratory work forms an essential part of the course.

SCIENCE

EARTH SCIENCE 11

Earth Science 11 explores many facets of planet Earth - its structure, processes occurring upon and within it, and the space surrounding it. Geologic topics include the formation of rocks and minerals, plate tectonics and mountain building, volcanism and earthquakes, weathering, and erosion. The geologic time scale, as well as the Solar system, stars and galaxies, is also explored. This course will satisfy the science requirement for graduation.

LIFE SCIENCES 11

This course involves the study of all five of the major groups of living things and involves the dissection of some representative organisms. Important biological concepts such as cell structure, taxonomy and evolution are included, along with the following experimental skills: microscope techniques, forming questions and hypotheses, data collection and analysis and measurement uncertainty. These skills are an introduction to the Authentic Experiments that are conducted in Biology. They will serve to prepare the students for the Authentic Experiments that will be conducted in Anatomy and Physiology 12.

PHYSICS 11

Physics is a theoretical as well as a practical course which attempts to restructure your common sense so that you can observe the workings of the universe correctly (many times your common sense is incorrect). Upon completion of this course, you will be able to: describe many physical phenomena quantitatively as well as qualitatively; transfer many of the problem-solving skills earned to explain other physical phenomena and other problems outside of physics; conduct experiments in a safe, efficient, and accurate manner and report the results in a logical format; explain phenomena by investigating and determining relationships between variable quantities.

SCIENCE

SCIENCE FOR CITIZENS 11

How do home technologies contribute to health and safety? How do catalytic converters reduce air-borne pollutants? What causes forest fires or flooding in the province? How do forensic technologies help solve crimes and ensure justice? How do local actions affect global weather?

This course begins to answer these questions by offering a practical approach to science and exploring real-world applications of scientific principles that will allow us to examine the positive and negative impacts of technology on society and the environment. Students will investigate how scientific knowledge enables them to respond and adapt to local and global changes such as climate change and resource development. Emphasis will be placed on problem-solving skills as students work through topics including:

- Science in the workplace, including safety and certification
- Scientific technologies in various industries
- Human impact on natural resources and climate change
- Personal safety and awareness
- Forensics with real-world applications

If you are ready to bring Science to Life (in your workplace and beyond), this course is for you. **Important Note**: This course satisfies the Science 11 graduation requirement but does not meet the prerequisites for university entrance.

SCIENCE

ANATOMY AND PHYSIOLOGY 12

(Prerequisite: A Science 11 Course. Strong recommendation that Life Sciences 11 be taken as an introduction to Authentic Experimentation in Biology.)

Anatomy and Physiology 12 involves a detailed study of cell biology and human anatomy and physiology. The concepts are reinforced, where possible, by laboratory investigations including a fetal pig dissection. This is a demanding course requiring well-developed study habits to help ensure student success. Biological laboratory skills and techniques involving Authentic Experimentation from Life Sciences 11 are expanded upon and demonstrated through authentic experiments.

CHEMISTRY 12

Chemistry 12 is an advanced, laboratory-oriented course which builds upon the knowledge gained in Chemistry 11. Five topics – reaction kinetics, equilibrium, solubility equilibrium, acids and bases and oxidation/reduction – are covered in detail. A good understanding of Chemistry11 material and strong mathematical skills is required. Good laboratory skills are required, and laboratory reports are much more comprehensive.

ENVIRONMENTAL SCIENCE 12

Environmental Science 12 investigates how human actions and activities impact the ecosystems. It will focus on:

- How human actions affect the quality of water and its ability to sustain life.
- How human activities cause changes in the global climate system.
- Why sustainable land use is essential to meet the needs of a growing population.
- How living sustainably supports the well-being of self, community, and the Earth.

SCIENCE

PHYSICS 12

Taking air currents into account, what direction should a plane head from Langley to get to Kelowna? What angle of projection for a golf ball produces maximum distance? How is the moon's orbit related to the orbits of all the satellites? Why is electricity transmitted at very high voltages? How does a generator generate electricity? The physics principles behind such questions will be studied by expanding on the principles learned in Physics 11. Vector analysis is a skill used throughout the course. If you are considering engineering or mathematics-based technology field, you should take this course.

SPECIALIZED SCIENCE 12

(Prerequisite: Science 10)

Science plays a key role in educating citizens for the world. The curriculum for this course allows for instructional flexibility by providing a diverse range of opportunities and encouraging students to use a range of approaches to support instruction and acquisition. The aim of this course is to show how science provides opportunities for us to better understand the natural world. Several topics from major sciences (Earth Science, Chemistry, Physics, Biology, and Environmental Science) will be covered in interdisciplinary units and students will learn how different branches of science interact together. By the end of this course, students will have cultivated an appreciation for the field of science by recognizing opportunities to apply their knowledge in their everyday lives and/or contribute to science in their future careers.

SCIENCE

IB IS A TWO YEAR PROGRAM AND STUDENTS ARE ACCEPTED BY APPLICATION. Higher Level requires 40 additional hours of instruction.

IB BIOLOGY 11/12 SL and HL

This course is an intensive course of study that is intended, by the end of the two-year program, to prepare students to write the International Baccalaureate exam. The topics include classification and diversity, genetics, evolution, plant science, ecology, and related laboratory work. Students must maintain a portfolio of their practical work for submission to external evaluators.

IB CHEMISTRY 11/12 SL and HL

IB Chemistry 11/12 is a comprehensive laboratory-based chemistry program. Students will be challenged by the breadth and depth of this course of study. The course covers topics in: Stoichiometry, Atomic Theory, Bonding, Kinetics, Equilibrium, Acids and Bases, Oxidation and Reduction, Environmental Chemistry, and Chemical Analysis. Students will complete a portfolio of investigations that includes an extended experiment. Final standing in this course is based upon a final exam in the grade twelve year, and an externally standardized evaluation of laboratory work. This course can provide credit for first year university Chemistry.

IB PHYSICS 11/12 SL and HL

IB Physics 11/12 is an inquiry-driven, laboratory-based physics program that emphasizes conceptual understanding, experimental skills, and real-world applications. The course covers topics in: Mechanics (motion, forces, work/energy, momentum), Thermal Physics, Waves and Electromagnetic Radiation, Electricity and Magnetism, Circular Motion and Gravitation, Atomic and Particle Physics, and Energy Production. HL students also explore additional higher-level content that extends and deepens the core topics, as well as covering extra topics such as Rotational Mechanics, and Special Relativity. Students will complete a portfolio of investigations that includes an extended experiment. Final Standing in this course is based upon a final exam in the grade twelve year, and an externally standardized evaluation of laboratory work. This course is an equivalent to Physics 11 and 12 for university consideration.

PHYSICAL AND HEALTH EDUCATION

PHYSICAL AND HEALTH EDUCATION 9: CO-ED

Physical and Health Education 9 (Co-Ed) is the introductory course in our progression of the physical and health education curriculum. PHE is designed to develop the knowledge, skills, and understandings that students need for life long physical health and mental well- being. You will pick up where you left off in Grade 8 with the sequential development of fitness, skills, rules, and strategies, with an emphasis on fun, and lifelong fitness levels.

PHYSICAL AND HEALTH EDUCATION 9: HIGH PERFORMANCE

Do you enjoy being active, competition, and the elements of being on a team? Then this is a class for you! PHE 9 High Performance is a class designed for students who want to focus on sport-specific skills, with an emphasis on creating competitive environments where students can be challenged and pushed to improve. Students will be immersed in an environment designed to encourage teamwork, communication skills and leadership qualities. An emphasis will be directed towards a high level of training, conditioning, and skill development at a competitive level. Athletes will be challenged to compete at higher levels of play.

PHYSICAL AND HEALTH EDUCATION 10

Physical and Health Education 10 is the final course of compulsory PHE, and as such, an emphasis will be directed toward equipping students with the necessary tools they need to live healthy, active lives. Students will complete the progressions of skills, game rules, and strategies in the core individual, dual, and team activity areas. It is hoped at this time that your knowledge of game rules and strategies, combined with improved skills because of years of PHE study, will enable you to participate confidently and enthusiastically in all activities. As well, you will learn about important health components such as nutrition, mental health, community/social health, and sexual health. Overall, PHE 10 is designed to develop the knowledge, skills, and understandings that students need for lifelong physical health and mental well-being.

PHYSICAL AND HEALTH EDUCATION

PHYSICAL AND HEALTH EDUCATION 10: BOYS

Physical and Health Education 10 (Boys) is the final course of compulsory PHE, and as such, an emphasis will be directed towards equipping the students with the necessary tools they need to live healthy, active lives. Students will complete the progressions of skills, game rules, and strategies in the core individual, dual, and team activity areas. It is hoped at this time that your knowledge of game rules and strategies, combined with improved skills because of years of PHE study, will enable you to participate confidently and enthusiastically in all activities. As well, you will learn about important health components such as nutrition, mental health, community/social health, and sexual health. Overall, PHE 10 is designed to develop the knowledge, skills, and understandings that students need for lifelong physical health and mental well-being.

PHYSICAL AND HEALTH EDUCATION 10: GIRLS

Physical and Health Education 10 (Girls) allows students to build upon the physical literacy skills developed in PHE 9 through cooperative and competitive games as well as lifestyle activities such as yoga, strength training, dance, and more. This course will provide exciting opportunities for students to explore and engage in physical fitness while focusing on their personal healthy-living goals. Furthermore, students will delve into a range of health topics including mental well-being, sexual health, body image, eating disorders, substance use, and healthy relationships.

PHYSICAL AND HEALTH EDUCATION 10: HIGH PERFORMANCE

Do you enjoy being active, competition, and the elements of being on a team? Then this is a class for you! PHE 10 High Performance is a class designed for students who want to focus on sport-specific skills, with an emphasis on creating competitive environments where students can be challenged and pushed to improve. Students will be immersed in an environment designed to encourage teamwork, communication skills and leadership qualities. An emphasis will be directed towards a high level of training, conditioning, and skill development at a competitive level. Athletes will be challenged to compete at higher levels of play.

PHYSICAL AND HEALTH EDUCATION

ACTIVE LIVING 11/12

This course is designed as an extension of PE 9 – 10. Students that enjoy being exposed to team sports, individual sports, minor games, and maintaining levels of physical fitness are encouraged to take this course. This course is designed to be fun and expose students to a wide range of physical activities that will assist in their development. Students will be assessed on skill acquisition, fitness, knowledge, and social responsibility levels.

ACTIVE LIVING 11/12: GIRLS

This course is for Grade 11 and 12 girls that are interested in participating in a variety of activities in and out of the school. There will be a large focus on exploring community fitness opportunities to cultivate students who are interested in being active for life. Breaking away from the traditional team sports focused PHE framework to one that is more individual health and wellness focused. This approach to PHE will allow students to feel comfortable and familiar with what fitness opportunities are offered in their communities. Physical fitness and skills will be improved on an individual basis with a focus on individual health. Students will participate in activities such as yoga, Pilates, dance, nutrition, curling, fitness centres, indoor rock climbing, spin classes, and boxing.

ACTIVE LIVING 11/12: HIGH PERFORMANCE BASKETBALL

(By application, before school twice a week)

Are you a motivated athlete? Do you enjoy competition, indoor sports, and the elements of being on a team? Then this is a class for you! High Performance Basketball is a class designed for students that want to focus on sport-specific skills, with an emphasis on basketball exclusively. Students will be immersed in a team environment designed to encourage teamwork, communication skills and leadership qualities. Training and skill development at a competitive level will also challenge athletes and provide opportunities to compete at higher levels of play.

ACTIVE LIVING 11/12: RUGBY

Are you a motivated athlete? Do you enjoy competition, outdoor sports, and the elements of being on a team? Then this is a class for you! This course is designed to give students the opportunity to focus on what it takes to become a higher performing athlete focusing on Rugby. A portion of the course is spent in the weight room learning the fundamentals of resistance training and its effects on body performance. Other portions of the course will be spent improving rugby skills. Students will be immersed in a team environment designed to encourage teamwork, communication skills and leadership qualities. Training and skill development at a competitive level will also challenge athletes and provide opportunities to compete at higher levels of play.

PHYSICAL AND HEALTH EDUCATION

ACTIVE LIVING 11/12: HIGH PERFORMANCE VOLLEYBALL

(By application, before school twice a week)

HP volleyball is a course for students who have experience playing volleyball, enjoy competition and the elements of being on a team. There will be a focus on volleyball specific skills and physical training while engaging in a team environment designed to encourage teamwork, communication skills and leadership qualities. The training and skill development will challenge athletes and possibly provide opportunities to compete at higher levels of play.

FITNESS & CONDITIONING 11/12

Are you interested in developing your physical potential? Then this course is for you! Strength and Conditioning is designed for students who enjoy exercise and continually challenging themselves physically. Students will be introduced to a wide variety of fitness activities designed to engage students of all ability levels. Following set individualized work out routines will be a part of this course. Students will also design and follow their own work out routines to maximize their physical abilities. The goal of this course is to improve each student's overall cardio, power, agility, flexibility, and strength, and to equip students with a knowledge base of exercise physiology and nutrition.

STRENGTH & CONDITIONING 11/12: HP SPORT PERFORMANCE

Take your physical performance to the next level! FITNESS & CONDITIONING 11 & 12: Athletic Performance is designed for students looking to improve more than their physical fitness and increase their overall understanding of exercise science, sport psychology, and program periodization. Prepare to dive deeper into the world of resistance training. From traditional weightlifting and conditioning to plyometrics and calisthenics, we've got you covered! This is a hands-on experience where you won't just learn the ropes of strength training; you'll be creating and maintaining your own training program to reach specific goals. Alongside regular training, you will explore muscular anatomy and physiology, discover the mind-blowing impact of psychology and mindset strategies, and unlock secrets of rest, recovery, and nutrition. Are you ready to level up? Take a step closer to unlocking your full potential!

(By application, before school twice a week - This course can potentially be taken along with another High Performance class)

CAREER EDUCATION

CAREER EDUCATION 9

In Grade 9, students explore concepts such as identity, leadership, personal planning, and transferable skills. As students build on the foundation developed from their experiences in K–5, they begin to explore in greater depth their skills and passions and begin to determine possible routes to their goals.

Big ideas include:

- Reflecting on our preferences and skills helps us identify the steps we need to take to achieve our career goals.
- The value of work in our lives, communities, and society can be viewed from diverse perspectives.
- Achieving our learning goals requires effort and perseverance. Adapting to economic and labour market changes requires flexibility. Our career paths reflect the personal, community, and educational choices we make.

At R.E. Mountain Secondary School, the Career Education 9 curriculum is embedded within the regular required courses throughout the year and not delivered as a separate course. Students will receive a mark for this course on their June report card.

CAREER LIFE EDUCATION 10

In Life Education 10 students will focus on their strengths to better understand their preferred ways of knowing and learning. Students will continue to work on developing their employability skills, essential skills, leadership, and collaboration skills along with their self-assessment and reflection strategies. Building networking relationships within the community and practicing inclusiveness by learning how to respect different world views and diverse perspectives are key components of the course.

There are three themes that are constant in this course:

Fundamental Skills - Personal Management Skills - Teamwork Skills

Other topics that are included in this course include: workplace safety, employment standards, post-secondary exploration, and essential career skills (i.e.: labour market, resume and cover letter building and interviewing skills), financial literacy skills, as well as enabling students to become self-directed, intrinsically motivated individuals who make thoughtful decisions and take responsibility for pursuing their goals, is our aim for this course.

CAREER EDUCATION

LIFE CONNECTIONS & CAPSTONE 12 (Prerequisite: Enrolled in Grade 12)

Life Connections is intended to prepare students for a successful transition to life after Secondary School. To meet this goal, Life Connections encourages students to:

- take ownership of their own health and learning to ensure a balance between a sense of purpose and well-being
- examine and demonstrate connections between their learning, their strengths and skill set and future goals
- create a plan for their growth and development as skilled, healthy, knowledgeable, participating citizens
- to recognize personal world views and perspectives, and consider their influence on values, actions, and preferred futures
- to learn the necessary skills to make informed decisions about potential future schooling and career options
- to increase an understanding of the importance of research and budgeting and how it aids in making good financial decisions
- to collaborate with a mentor to inform career life development and exploration

Capstone Component of Career Life Connections:

As part of their Life Connections course, students will be responsible for creating and presenting a Capstone presentation. The Capstone is designed to encourage students to think critically, solve challenging problems and develop skill sets. The Capstone is a culminating project that allows students the opportunity to showcase learning from their school and life experiences into a meaningful and relevant product. Students will use innovation, cross-curricular knowledge, and critical thinking skills in an area of interest as the basis for the project. Students will be responsible for selecting a topic from a list of focus areas and are encouraged to work with a mentor to advise and guide in completing their Capstone projects.

MODERN LANGUAGES

MANDARIN ENTRY 9

你(nǐ) 好(hǎo) ！ Did you know that one in six people in the world speaks Mandarin?

Mandarin 9 is an introductory course to the Mandarin Language and Chinese culture. This course is designed for students to develop basic conversational skills through building a vocabulary bank. Emphasis is placed on practical skills (typing Mandarin characters), communicative language, Chinese traditions, and culture in everyday life. This course will provide a good foundation for future studies of the Mandarin language. Come join us and see it for yourself!

MANDARIN PRE-IB 9

(Prerequisite: admission into the Pre-IB Program)

Pre-IB Mandarin 9 is a first-year beginner Mandarin course. This course is designed for students who have the intention of continuing to Pre-IB Mandarin 10. Students will be introduced to the basic skills of oral and written communication using simplified Chinese characters and the Hanyu Pinyin system. Students will acquire a vocabulary base of 150-200 characters that they are able to read and write. Students will learn about Chinese culture through language and holidays. During the year, the following themes will include greetings, family, countries, and languages, counting 0-100, calendars, time, occupations, transportation, and colours.

SPANISH ENTRY 9

Since Spanish is one of the most important languages of the world, wouldn't it be great to be able to communicate with the over 400 million people in over 20 countries whose first language is Spanish? It is our goal for students to learn and attain a strong base in the language. Through speaking, listening, reading, writing, and fluency development, students will go from knowing no Spanish to having basic conversations and general comprehension. This course will focus on equipping students with the skills they need to start using the language with each other and with other Spanish speakers. In this class, students will immerse themselves in Spanish, experience some Hispanic culture, and gain the basics of the language. Come join us to experience this journey!

MODERN LANGUAGES

SPANISH PRE-IB 9

(Prerequisite: admission into the Pre-IB Program)

¡Hola! Pre-IB Spanish 9 is a first-year beginner Spanish course designed for students who have no or little Spanish knowledge and want to learn the basics of the language and culture. Students will be introduced to the basic skills of oral and written communication. Students will learn about Hispanic culture through language and holidays. During the year, students will learn topics such as the alphabet, greetings, family, numbers, preferences, clothing and colours, weather and pastimes. Students will read a novel to develop their reading and listening comprehension, written and spoken output, as well as cultural understanding. This course is designed for self-motivated students who intend to continue with Spanish Pre-IB 10 and Spanish IB 11.

FRENCH 9

Bonjour! The goal of this course is to help you to communicate in French and to become more aware of francophone people and culture. We will develop all language learning skills: listening, viewing, speaking (pronunciation and oral fluency), writing, and reading comprehension. This introductory course will build a strong foundation so that you can continue to learn French at higher levels. Using communicative language activities (partner conversations, dialogues, projects) we will learn language topics such as life at school, daily routines, fashion and clothing, travel, sports and activities, the café, and the market.

FRENCH PRE-IB 9

(Prerequisite: French 8 and admission into the Pre-IB Program)

Bonjour! The goal of this course is to help you to communicate in French and to become more aware of francophone people and culture. We will develop all language learning skills: listening, viewing, speaking (pronunciation and oral fluency), writing, and reading comprehension. Using communicative language activities (partner conversations, dialogues, projects) we will learn language topics such as daily routines, fashion and clothing, travel, sports and activities, the café, and the market. French 9 Pre-IB follows the same language topics as French 9 with enriched vocabulary, writing, reading comprehension, and oral language skills. This course is designed for self-motivated students who intend to continue with French 10 Pre-IB and French 11 IB.

MODERN LANGUAGES

FRENCH 10

(Prerequisite: French 9)

French 10 builds on the introductory level of French 9. Students further develop listening skills, oral fluency, reading strategies, and writing abilities. Using a variety of resources, including stories, texts, and websites, we explore authentic language use related to topics such as giving directions, school and home, jobs, planning a vacation in France, tourist sites in Paris, reading fiction and non-fiction texts, writing in the past tense, and describing childhood memories.

FRENCH 10 PRE-IB

(Prerequisites: French 9 or French 9 Pre-IB and admission into the Pre-IB Program)

French 10 Pre-IB is based on the British Columbia Core French 10 curriculum, with additional cultural and language enrichment opportunities. Using a variety of resources, including a text program called Ça Marche 3; emphasis is placed on developing authentic language use related to a variety of topics. Topics include personal space & lifestyle, jobs, Canada, Canadians and Franco-Canadian culture, childhood memories, films, and French literature. Students are expected to read a variety of short texts, as well as an adapted French classic novel in graphic format and a children's story. Activities will focus on listening, speaking, reading, and writing. Through in-class discussion and written assignments, students review and practice various tenses and other points of grammar as well as develop essential vocabulary. French 10 Pre- IB includes content, strategies, and evaluation methods that aim to help prepare students to enter the IB Language B program in the future.

MODERN LANGUAGES

MANDARIN 10

你 (nǐ) 好 (hǎo)！ Now that you have successfully completed Mandarin 9, join us in Mandarin 10, where we will be building on what you already know. We will continue to master conversational skills and all the other aspects of Mandarin through meaningful activities and creative interactions. In this course, students will be immersed in the Mandarin language, learn practical skills (typing Mandarin characters), and experience Chinese culture.

MANDARIN 10 PRE-IB

(Prerequisite: Pre-IB 9 or Mandarin 9 with teachers' recommendation or admission into the Pre-IB Program)

Pre-IB Mandarin 10 will further develop the skills of listening, speaking, reading, and writing to prepare students for IB 11. Vocabulary increases and sentence structures become more complex. Students will have more chances to apply their knowledge in more authentic situations and projects. Students will have about 300 characters that they are able to read and write. Students will have a deeper understanding of Chinese culture through reading and hands on activities. Students will be comfortable to carry on a simple daily conversation. During the year, the following themes will include, but not be limited to: colours and clothing, weather, vacation, hobbies, sports, arts, daily routine, and school life.

SPANISH 10

This course is designed for students who already have a base of the Spanish language. Through a variety of communicative experiences, games, activities, and texts, students will develop their communication skills and increase their comprehension to be able to communicate with more fluency, increased complexity of language, and in a greater variety of circumstances. Through reading, writing, listening, and speaking practice, students will expand their vocabulary, their ability to communicate effectively, and their knowledge of Hispanic culture.

¡Vamos a aprender español juntos!

MODERN LANGUAGES

SPANISH PRE-IB 10

(Prerequisite: Pre-IB Spanish 9)

Pre-IB Spanish 10 will further develop the skills of listening, speaking, reading, and writing to prepare students for IB 11. Vocabulary is increased, more irregular verbs are introduced, and sentence structures become more complex. Students will have more chances to apply their knowledge in more authentic situations and projects. Students will become comfortable to carry on a simple daily conversation incorporating past, present, and future time frames. During the year, students will learn topics such as daily routine, telling time, school life, locations, holidays, shopping, and restaurants. Students will deepen their understanding of Hispanic culture through reading a novel and participation in a variety of activities and holidays.

FRENCH 11

This course will satisfy the second language requirement for entrance to various universities. Students will continue to develop their French language and build upon their skills learned in French 10. The course focuses on speaking, listening, reading, and writing French. The course will teach real-world and authentic themes that will allow for students to continue to become more fluent in the French language.

INTRO TO MANDARIN 11

(No prerequisite, must be in Grade 10, 11 or 12)

(你(nǐ) 好(hǎo)！ Did you know that one in six people in the world speaks Mandarin

Introductory Mandarin 11 is for any Grade 10-12 students who have not taken a Mandarin course before. This is an introductory course to the Mandarin Language and Chinese culture. This course is designed for students to develop basic conversational skills through building a vocabulary bank. Emphasis is placed on practical skills (typing Mandarin characters), communicative language, Chinese traditions, and culture in everyday life. This course will provide a good foundation for future studies of the Mandarin language. Come join us and see it for yourself!

MODERN LANGUAGES

MANDARIN 11

你好！Mandarin 11 is recognized for entry to all universities and colleges. In this course, we will further expand the use of Mandarin in speaking, listening, reading, and typing/writing. We will continue to develop vocabulary and conversational skills of the Mandarin language, in addition to deepening our understanding of the Chinese culture and traditions.

SPANISH 11

For those who have completed Spanish 10, this course takes students' language comprehension to a higher level. It allows students to use a greater variety of words, expressions, and tenses to say and write exactly what they want to express. Students will learn more about Hispanic peoples and regions, as well as explore issues in our world today. This course is relevant and allows students more liberty to pursue their own topics of interest while developing their language skills. ¡Exploremos el mundo hispánico!

INTRO TO SPANISH 11

(No prerequisite, must be in Grade 10, 11 or 12)

Since Spanish is one of the most important languages of the world, wouldn't it be great to be able to communicate with the over 400 million people in over 20 countries whose first language is Spanish? It is our goal for students to learn and attain a strong base in the language. Through speaking, listening, reading, writing, and fluency development, students will go from knowing no Spanish to having basic conversations and general comprehension, while focusing on some of the cultural aspect of the Spanish world. This course will focus on equipping students with the skills they need to start using the language with each other and with other Spanish speakers. In this class, students will immerse themselves in Spanish, experience some Hispanic culture, and gain the basics of the language. This course will be more slightly accelerated than the Spanish 9 (Intro) course so that they are able to keep up within the Spanish 12 course if they choose to continue their studies. Come join us to experience this journey!

MODERN LANGUAGES

FRENCH 12

French 12 is an advanced elective which further develops reading, writing, listening, and speaking skills via study of various texts in literary and media excerpts, and written and oral comprehension work. By the end of French 12, students will: identify cultural content and show cultural sensitivity; view, listen to and read creative works and respond to them; research, and analyze relevant information from several sources to complete an authentic task; use a wide range of useful vocabulary; develop and apply language learning strategies.

MANDARIN 12

你好！In Mandarin 12, we will focus on fluency in conversational skills and digital written output. You will be immersed in the Mandarin language and its culture through authentic literary pieces and films that explore the differences between Canadian and Chinese traditions, as well as differences in cultural points of view.

SPANISH 12

Spanish 12 allows students the opportunity to fine-tune their language skills in reading, writing, speaking, and listening. Students will increase their fluency and written expression in spontaneous and natural interactions. By viewing and responding to authentic sources, students will apply a variety of language learning strategies to relevant and cultural contexts. This course incorporates news articles, podcasts, Indigenous tales, proverbs, videos, and real-world simulations to acquire sophisticated grammar, complex verb tenses, and nuances of vocabulary. In Spanish 12, students will be able to derive and negotiate meaning of texts using context, analyze cultural points of view in texts, and give their opinion on various global issues. They will become more independent in their use of language for different purposes, including expressing their identity, responding to and exchanging complex ideas, and sharing information with fluency. Let us take language learning to a new level!

MODERN LANGUAGES

IB IS A TWO YEAR PROGRAM AND STUDENTS ARE ACCEPTED BY APPLICATION. Higher Level requires 40 additional hours of instruction.

IB FRENCH 11 SL

(Prerequisites: French 10 or Pre-IB French 10 and admission into the IB Program)

This is the first year of the two-year IB French B Program in which students develop their language skills with a long-term view to functional biglingualism. The course is built around aspects of three Core Themes: Communication & Media, Global Issues and Social Relationships. There is also a choice of two Optional themes to be explored: Customs & Traditions, Cultural Diversity, Leisure, Health, and Science & Technology. Students will seek understanding of other languages and cultures, as they explore these themes particularly as they relate to French-speaking countries. Course-related projects, interactive activities and readings will provide opportunities to develop cultural awareness as well as provide significant language development.

IB MANDARIN 11/12 SL and HL

This is the first year of the two-year IB Mandarin B program in which students develop all aspects of their language skills with a long-term view to be a functional Mandarin speaker. The course is built around three Core Themes and two Optional themes. During IB 11, the following themes will be included, but not be limited to: social relationships, leisure, health, and customs and traditions. Students will seek understanding of Mandarin language and culture as they explore these themes. Projects and interactive activities will develop students' cultural awareness and language development.

IB SPANISH 11/12 ABINITIO SL

This is the first year of the two-year IB Spanish ab initio program in which students develop their language skills. Spanish ab initio is a language acquisition course for students with no prior experience with the language or for those students with very limited previous experience. Students will develop the ability to communicate in Spanish through the study of language, themes, and texts. The course is organized into five prescribed themes. Of these, the two focused on this year are identities and experiences. Course-related projects, interactive activities and readings will provide opportunities to develop cultural awareness as well as provide language development

TECHNOLOGY EDUCATION

DRAFTING 9

Students interested in designing and building real products will have the opportunity to bring their ideas to life using CAD and 3D printing technology. Students will develop the basic drafting skills necessary to design, present, and produce simple 3D printed objects for the fields of Engineering, Design, Construction, Computer Animation, Architecture and Design (Fashion, Interior, Product, and Automobiles). Students will learn how different 3D printers work, and how to choose the ideal materials and settings to make their products functional and appealing.

ELECTRONICS/ROBOTICS 9

Explore how electricity, electronics, programming, and robotics work through hands-on projects and challenges. Students investigate electrical energy production and the fundamentals of electricity before learning to design, build, and troubleshoot circuits using breadboards and electronic components. Students then use Arduino microcontrollers to combine electronics with introductory programming and create interactive projects. The course concludes with LEGO Mindstorms robotics, where students build and program robots to use motors and sensors, navigate their environment for autonomous operation.

Throughout the course, students develop practical skills in design, problem-solving, troubleshooting, creativity, collaboration, and safe tool use. This course is an excellent foundation for students interested in technology, engineering, computer science, design, electronics, robotics, and skilled trades.

METALWORK 9

This is an introductory course in metalwork. It will familiarize the student with metal working techniques and design. You will learn the safe operation of a selection of hand and power tools and become familiar with the forge, foundry, and welding equipment. Interesting projects will be completed in each of the metal working areas including sheet metal, casting, forging, lathe work, and jewelry making.

TECHNOLOGY EDUCATION

POWER TECHNOLOGY 9

An introduction to all things machine based. In power tech 9 students will get to rebuild small engines, learn to repair their bikes, and design and craft all sorts of wild projects. It is a class for kids that like to work with their hands and engage in dynamic problem solving.

WOODWORK 9

Do you love building things? Have you ever taken woodwork before? Want to give it a try? Join us! This is an introductory woodwork course. It develops knowledge of wood as a project material, as well as the design processes. You will learn the safe operation of power tools and continue to develop the hand skills needed for delicate and refined operations. Safety will always be stressed. Come and build some neat projects!

DISCOVERY WORKSHOP 9

If you enjoy building and designing but are still deciding whether to specialize in one area, consider taking Technology Explorations! This class covers the fundamentals of Woodwork, Electronics, Metalwork, and Automotive, providing you with the groundwork for future elective decisions. By taking this course, you'll have the opportunity to expand your knowledge and skills in different areas and discover what sparks your interests. This course will teach you the most effective method of working safely and accurately with various tools and machinery from multiple areas of expertise and allow you to combine diverse materials. Whether you're interested in pursuing a career in engineering or trades or want to learn more about how things work, Technology Explorations is the perfect class for you.

ARCHAEOLOGY 9

Discover the fascinating world of archaeology and uncover humanity's stories through the artifacts we leave behind. This course invites students to explore how archaeologists investigate, analyze, and interpret material evidence to understand past cultures. Learners will participate in hands-on activities, including simulated digs, artifact analysis, and digital mapping, while developing critical thinking and problem-solving skills. Aligned with British Columbia's ADST Grade 9 standards, the course emphasizes design thinking, technological applications, and ethical considerations in archaeological practice. Students will explore how tools and technologies - ranging from traditional excavation methods to modern digital modelling - shape our understanding of history. Key topics include archaeological methods, cultural heritage, Indigenous perspectives, and the role of technology in preserving the past.

TECHNOLOGY EDUCATION

DISCOVERY CREATIONS 9

Discovery Creations 9 introduces students to four exciting areas: Drama, Foods, Art, and Textiles. Through hands-on projects and collaborative activities, students will build confidence in performance, learn practical cooking skills, explore artistic techniques, and create unique fabric designs. This course encourages creativity, problem-solving, and self-expression while providing a foundation in both the arts and applied skills. By rotating through these disciplines, students gain a well-rounded experience that sparks curiosity and develops lifelong skills.

DRAFTING 10

Students interested in designing and building real products will have the opportunity to bring their ideas to life using CAD and 3D printing technology. Students will develop the basic drafting skills necessary to design, present, and produce simple 3D printed objects for the fields of Engineering, Design, Construction, Computer Animation, Architecture and Design (Fashion, Interior, Product, and Automobiles). Students will learn how different 3D printers work, and how to choose the ideal materials and settings to make their products functional and appealing.

ELECTRONICS/ROBOTICS 10

Electronics & Robotics is a fantastic course as it allows students to control circuits and robots by developing their coding skills. In Grade 10, we explore the fundamentals of computing using integrated circuits; students can build various electronic circuits that reflect everyday applications and see their benefits compared to computing. We combine circuit-building skills with programmable circuit boards to create more complex and valuable experiments; Arduinos allow us to develop industry-standard programming skills in C++. Students develop their logical understanding by building robots competing against each other in different challenges; many students expand their coding capabilities by moving past block programming and using Python instead. Robotics and Electronics enable students to nurture their analytical, problem solving and creative abilities in an environment that encourages collaboration.

METALWORK 10

This course focuses on common metalworking skills used in industry. Students will develop basic skills in a range of shop processes: cutting, welding, casting, and machining, which are useful to most mechanical and metalworking trades or hobbies. Students will learn to use current high- tech manufacturing processes.

TECHNOLOGY EDUCATION

POWER TECHNOLOGY 10

A wild ride of a course, students will be designing and building a go kart as part of a semester long group project. Students will learn how to plan, design and build a kart of their own creation, with a grand race to wrap it all up. It is a creativity driven class where students are free to make mistakes and learn as they work together. The course teaches problem solving and real world skills to help with any trade.

WOODWORK 10

Can't get enough of woodworking? Woodwork 10 gives students the opportunity to work with a selection of wood species and to construct projects that promote fine joinery skills. While we always keep safety at theforefront, we focus on design, assembly, and high a quality finish. Woodwork 10 students will create a variety of unique pieces throughout the year, including a final individual project combining their abilities! Keep calm and build on!

AUTOMOTIVE 11/12

A great course for any level, whether you are thinking of getting into the industry or just want to know more about car care and maintenance. Students will learn the basics of maintaining their vehicle and how it all works, as well as more advanced jobs that can save money in the future. You do not need to own a vehicle, but students with their own vehicle are encouraged to bring it in to either learn more about it or use the shop space for jobs.

DRAFTING 11/12

If Students will expand their knowledge and skills in CAD while completing a series of 2D and 3D drawings and 3D printed products. Knowledge, skills, and portfolio developed in this course will be an asset for students wishing to pursue post-secondary Drafting, Industrial Design (art-based design of manufactured products), Engineering Technologies, Architecture and Landscape Architecture. Students will be expected to be intrinsically motivated in this course, and senior students may focus on a specific area of interest.

ELECTRONICS 11/12

Senior Electronics and Robotics inspires students to extend their learning in all aspects of the course. It includes advanced usage of integrated circuits through electronics and developing an increased understanding of control in electronics using mathematic calculations. In addition, students will utilize Arduinos and incorporate them into everyday life through creative processes. Students will also learn to code automated processes using VEX EDR and Lego Mindstorms to explore the advanced difficulty of automated processes.

TECHNOLOGY EDUCATION

ENGINEERING 11/12

Senior Engineering is a program that has been designed to cater to the needs of students who are interested in undertaking the challenge of eliminating an existing problem. It is an all-encompassing course which develops student abilities in the full Design Cycle, scale drawing, Prototyping, developing advanced Metalworking skills, programming, and incorporating electronics and robotics to complete projects from concept to completion. It is an exciting course that is designed to allow students to foster their creativity to an industrial standard and meet the needs of a given consumer.

METALWORK 11/12

This course focuses on common metalworking skills used in industry. Students will develop basic skills in a range of shop processes: cutting, welding, casting, and machining, which are useful to most mechanical and metalworking trades or hobbies. Students will learn to use current high-tech manufacturing processes.

WOODWORK 11/12

Are you a pretty good builder or do you at least want to check it out? Join Woodwork 11! This course is a prerequisite for the Grade 12 Joinery courses. It is a course in furniture design and construction covering safety, hand tools, procedures and methods of joinery, knowledge, and operation of power tools, sharpening and maintenance of tools, and finishing techniques. This course is for you if you are interested in:

- Careers in cabinet making (joinery), finish carpentry and other related trades
- Heading to a post-secondary vocational training school
- Woodworking as a hobby

Evaluation will be based on development of skills, projects, effort, theory, and class cooperation! Projects will be varied with a final consisting of designing, drafting, pricing of materials, and construction of a proposed individual piece. Come and build with us!

ART METAL 11/12

Art Metal is a course for students who love to create and color outside of the lines, using metal as a medium, students will get to fabricate art in a 3-dimensional space. The course will begin with guided projects in sculpturing and basic metal work, and expand into areas guided by their own interests, like jewelry or metal canvased painting. No prior metal course needed, but experience will help get things started.

TECHNOLOGY EDUCATION

TABLETOP GAME THEORY AND DESIGN UNPLUGGED 11

Tabletop Game Theory is a course for students who have a desire to strengthen their interpersonal, intrapersonal, and leadership skills. This course will provide a welcoming environment that empowers them to use their creativity and passions to tell stories, share laughs, and build experiences. Students will learn to play and lead in Tabletop Role Playing Games, building their understanding of game and story design, as they create and share their ideas.

AUTOMOTIVE TECHNOLOGY 12: ENGINE & DRIVETRAIN

(Prerequisite: Automotive Technology 12)

This is a course which covers the brakes, engine, transmission, and suspension systems of a car so you can do the repair work necessary to get it in top running order. By the end of the course, you should be able to show a degree of proficiency in trouble shooting these systems. You will be working on cars and equipment assigned to you by the instructor. Some students may specialize in one or more areas during this course and will be graded accordingly.

Supplies and equipment required: One pair of coveralls

WOODWORK 12: FURNITURE CONSTRUCTION

(Prerequisite: Woodwork 12 or concurrently enrolled in Woodwork 12)

Ever wonder how they make the things you see in movies and on tv? This unique course is for you! Think pirate ships, ancient books, and distant planets: if it's in a play or on screen, we will make it! We will be building backdrops, sets, and props for schools, the community, and beyond! This creative course heavily focuses on learning woodworking and hands-on skills to design, create, and execute stage-based products. We will also delve into processes like epoxy, painting, moulding, and antiquing. This course allows for students to work independently as well as in groups to create one-of-a- kind pieces. See you in the shop!

HOME ECONOMICS

FOODS 9

Foods 9 incorporates both the practical and the pleasurable side of all things cooking. On the practical side, students will gain a foundation of basic cooking skills including measurement, safety, equipment, and meal formulation. Students will participate in mini units that include food poisoning and spice identification. The pleasurable side of cooking takes students into the culinary arts. With opportunities to develop food presentation skills, share their own cultural traditions, develop recipes based on preference and finally compete in culinary challenges. Be prepared to work on your teamwork skills, as this course heavily encourages collaboration and interpersonal relationships.

FOOD STUDIES 10

Do you enjoy tasting a variety of foods? Come learn your way around the kitchen! Surprise your family and friends with your new found skills. We have yummy breakfasts, terrific lunches, sensational snacks, and delicious dinners on the menu. Principles of food preparation are introduced and applied with an emphasis on healthy food choices. We start simple and work up all the way to your favourites. Included will be safety, sanitation, kitchen basics; function of ingredients; food products, methods of cooking; nutrition and healthy eating; social, economic, cultural influences and career opportunities. Grab an apron and join us in Foods 10!

TEXTILES 9: FASHION & DESIGN

Learn to make fun and creative items out of fabric. Create clothing, accessories, crafts, stuffed animals, and more. This is an introductory class for students who have an interest in fashion trends, creating clothing, textile crafts, and sewing in general. Students will learn about the elements and principles of design to create new and up-cycled projects. Students can explore fashion drawing, sewing, knitting, croqueting, embroidery, and other techniques to create unique handmade projects. Students will learn about the creating process starting with planning out their ideas, choosing their materials, and sewing their projects. Students will have access to and learn how to use certain sewing equipment, such as sewing machines.

HOME ECONOMICS

TEXTILES 10: FASHION & DESIGN

Students will expand their knowledge and skills in the exciting world of fashion, sewing and crafting. The Textiles 10 course is a follow up course to Textiles 9. Students will be able explore fashion drawing, elements, and principles of design, colour theory, refashioning and up-cycling garments to reflect current styles, sewing items for home decor, knitting, croqueting, embroidery, quilting weaving. This course will interest students who enjoy working with their hands in a creative, flexible, project-based learning environment. Fashion and Textiles 10 is a student-based learning experience where students are encouraged to facilitate in their own learning.

TEXTILES: ARTS & CRAFTS GRADES 10 -12

This course will give you the opportunity to express your creativity while learning new skills in traditional and modern crafts. We will explore the principles of design, history, culture, and tradition associated with crafting and textiles. Students will use the design cycle to plan and execute the steps for a wide range of textile arts and crafts, including hand sewing, embroidery, fabric painting and dyeing, weaving, macrame, beading, quilting, home décor, and paper crafts. Using a variety of materials, you will learn a set of basic skills that can grow into a new hobby or future business.

TEXTILES 11: FASHION & DESIGN

If you are thinking about pursuing a career in the fashion industry or want to master your designing, drafting, and sewing skills so you can create your own original designs then this course will interest you. This intermediate course will interest students wanting a creative, flexible, project-based learning environment. Students can explore more advanced sewing techniques; fashion drawing, pattern drafting, draping, knitting, and embroidery. Students will be able to create several projects that are student driven and are encouraged to facilitate their own learning experience.

FOODS 11/12

Tired of eating the same thing over and over? Sharpen your skills as you expand your culinary horizons and prepare for independent living. Students will travel the globe with exposure to diverse food, and more advanced food preparation techniques. We will be concentrating on superior taste, creative expression, cost efficiency, organization, time management and teamwork (social responsibility). Students taking Food Studies 11/12 will gain a greater understanding of a wide variety of food preparation techniques through practice and will develop a repertoire of everyday meals. Have fun working with your group, appreciating, exploring, and tasting the wonderful world of food.

HOME ECONOMICS

INTERPERSONAL AND FAMILY RELATIONSHIPS 11/12

Self and Society offers a preventative, proactive, and practical approach that is intended to strengthen individuals and families. Students acquire knowledge, skills, and attitudes to make informed choices with respect to caring for themselves and others within the context of a global community. Students acquire strategies to manage the challenges of life in an effective and responsible way that enhances their life journey.

Self and Society explores adolescent development from the perspective of the adolescent student. Topics include building skills and knowledge in developing positive relationships to enhance personal health and wellness within the context of their own family dynamics and the community in which they live.

TEXTILES 12: FASHION & DESIGN

This is an advanced course for students with a passion for fashion that are interested in flexible self-directed learning. Maybe you would like to create your own grad dress or suit, then this class is for you! Students will expand their knowledge of the design process and the precision fitting and sewing of garments. Students can use this course to help them create a portfolio that can help students pursuing post-secondary education and careers in the fashion, marketing, design, textiles, and retail areas.

COMPUTER STUDIES

INFORMATION & COMMUNICATION TECHNOLOGIES 9

Information & Communication Technologies 9 is an introductory course designed for students of all skill levels. Students will learn how to communicate ideas effectively through digital media, design, and technology. Using industry-standard software, students will create and publish digital content such as graphics using Adobe PhotoShop and Illustrator, games using GDevelop, apps, and websites using HTML/CSS while exploring principles of colour, design, and visual communication. Throughout the course, students will develop technical, creative, and problem-solving skills as they learn to design, create, evaluate, and publish digital projects. Emphasis is placed on design thinking, digital literacy, programming logic, and troubleshooting strategies.

COMPUTER STUDIES

COMPUTER STUDIES 10

Computer Studies 10 builds on the foundations established in Information & Communication Technologies 9 and is suitable for students of all experience levels. Students will explore a variety of topics, including game development using GameMaker, 3D modelling and animation using Blender, digital literacy, computer hardware, computer assembly and disassembly, and web/app development using JavaScript, HTML, and CSS. Students will also learn fundamental programming concepts such as sequencing, iteration, and selection while developing practical skills in problem solving, troubleshooting, and implementing technical solutions.

COMPUTER PROGRAMMING 11

Computer Programming 11 is an introductory programming course focused on developing software using Python. Students will learn core programming concepts, including variables, data types, conditional statements, loops, functions, and data structures, while creating programs that solve real-world problems.

Industry-standard programming practices are emphasized throughout the course, including proper indentation, documentation, naming conventions, code organization, testing, and debugging.

COMPUTER PROGRAMMING 12

Computer Programming 12 expands on the concepts introduced in Computer Programming 11 and provides pathways for both new and experienced programmers. Students new to programming will develop foundational skills using Python, while students with previous programming experience will explore C++ programming and memory management concepts.

BUSINESS EDUCATION

ENTREPRENEURSHIP & MARKETING 9

This course will provide an introduction into the five main areas of Business: Communication, Finance, Economics, Marketing, and Entrepreneurship. Students will learn to use various business applications and solve a variety of business-related problems. The main goal of this program is to give students an introduction to creating and managing a successful business.

ENTREPRENEURSHIP & MARKETING 10

This course will build on the concepts learned in Entrepreneurship & Marketing 9, however, Entrepreneurship & Marketing 9 is not a prerequisite for this course. Entrepreneurship & Marketing 10 provides students with opportunities to examine how marketing helps businesses determine and meet customer needs, how businesses present a variety of products and services, how marketing helps individuals and companies become and remain successful, how businesses operate most effectively when individuals recognize their roles and responsibilities as consumers and producers, and how consumer decisions influence the marketplace. They will learn how businesses are using digital marketing (digital analytics, search engine optimization (SEO), key performance indicators (KPI)), how to start a business, create a business plan, and how to market both themselves and their products.

*This course is not the same as Entrepreneurship & Marketing 9

MARKETING & PROMOTION 11

Marketing includes the processes by which businesses introduce their goods, services, and ideas to potential purchasers and exchange them for value. Marketing & Promotion 11 provides students with opportunities to examine the nature and role of marketing in local and global contexts, and through collaboration and consultation, establish a point of view or develop and execute ideas. They learn how marketing helps businesses determine and meet customer needs, how businesses present a variety of products and services, how marketing helps individuals and companies become and remain successful, how businesses operate most effectively when individuals recognize their roles and responsibilities as consumers and producers, and how consumer decisions influence the marketplace

BUSINESS EDUCATION

DIGITAL COMMUNICATIONS 11/12 (MEDIA DESIGN)

Technology has grown and is enabling businesses to connect to their target markets like never before. While most people have access to technology, digital media has become integrated into our everyday lives. Students will learn about the newest forms of communication and the different digital marketing strategies being used by businesses, which include digital analytics, search engine optimization (SEO), key performance indicators (KPI), and big data. This is a course designed to serve as an introduction to the basic principles of digital and social media marketing, practices, and the application of these practices. Students will focus on digital media and marketing strategies which consist of digital advertising and content marketing, video and website marketing, email, and mobile marketing.

ECONOMICS 12

This course provides an opportunity for students to develop financial and economic literacy by looking at both micro-economic and macro-economic models. Students will look at topics such as the law of demand and the law of supply and how it relates to economics in everyday life. Students are also expected to utilize the design process to conduct research on various economic scenarios and critically analyze the impact on both local and global economies.

DRAMA

DRAMA 9

The goal of this course is to introduce you to the basic principles and methods of acting with an emphasis on the themes of community building and creative expression. You will be encouraged to overcome adversity while working with others to achieve a common goal. Through the study of movement, mime, improvisation, technical theatre, character development, and play building, you will develop relationships built upon trust, communication, and teamwork. In turn, these relationships will allow you to develop self-confidence and valuable problem solving and interpersonal skills as you learn to lead and listen to group members. The units of study in this course will also provide you with the opportunity to exercise your creative mind through verbal, physical, and written expression. Students will also learn the technical skills of how to operate a lighting board and design skills needed for a skit.

DRAMA 10

Drama 10 is a transitional course. Its main theme remains your personal development, but the study of theatre, and more specifically, the art of acting, stagecraft, and play production become increasingly important as the course progresses. More emphasis will be placed on the presentation of memorized scripts than in Theatre Performance 9.

DRAMA 11

Theatre Performance 11 leads to the performance of structured plays. Training includes vocal and physical exercises, improvisation techniques and character analysis based on scripted excerpts. Various facets of theatre will be explored and performed: puppets, story theatre, reader's theatre, mime, creative movement, role drama and improvisation. Theatre History will be studied to foster a greater appreciation of theatrical traditions.

THEATRE COMPANY 9/10/11 (by application & audition)

Theatre Company 11 will be an amalgamation of ALL senior drama/theatre courses (Theatre Performance 11, Theatre Performance 12, DS12 and Stagecraft 11/12). The course will allow students to manage, promote, and produce theatre within the structure of a professional program of artistic apprenticeship. Throughout the school year, students will be encouraged to produce a season of one-act and full-length plays which would explore a variety of themes and genres. Students will learn EVERY element of theatre production with particular emphasis placed on; a) management and promotion (15%);b) technical and design (15%);c) directing and scriptwriting (20); and d) acting (50%).

DRAMA

THEATRE PRODUCTION 11 (STAGECRAFT)

This introductory course offers students a hands-on approach to backstage theatre. Students will learn basic lighting principles, set construction, costumes and prop usage and theatre management. Students will be introduced to theatre lingo and the fundamentals of stagecraft, including safe work practices, teamwork, and theatre organization. The course can be catered to individual students' strengths, for example, if you like to draw; there is an opportunity for you to design stage flats and the floors. This course is best suited to students who are self-motivated and able to work independently on a variety of projects in a versatile environment.

DIRECTING & SCRIPT DEVELOPMENT 11/12

This course is an introduction to the Directing and Scriptwriting Process. Students will learn about focal points, history, leadership skills, aspects of scriptwriting and how to direct a written piece. By the end of the course students will write a one-act play/or a screenplay that they will direct.

DRAMA 12

Theatre Performance 12 is a course offered with the purpose to produce an alert, imaginative, creative individual who has experienced at least one full production in public and who will be capable of leading others in similar ventures either in the school or in the community. On completion of this course, you should be able to: Use voice, body and mind to create a character and communicate this interpretation to an audience; assist in all aspects of a theatrical presentation; demonstrate strong sense of corporate responsibility, putting the project ahead of personal consideration; exhibit familiarity with all aspects of theatre terminology and be able to intelligently interpret a script in terms of theatrical presentation taking into account the writer's intention, style, structural rhythm and characterization; experience, if possible, participating in a festival or competition in which you can experience adjudication and learn from the efforts of others.

DRAMA

THEATRE COMPANY 12 (by application & audition)

Theatre Company 12 is an advanced course designed to aid student development in self-initiated performing arts management and production. Students will be required to participate in numerous major in-school and community public performances, as well as participate in numerous liaison activities within the theatre arts community throughout the Lower Mainland.

THEATRE PRODUCTION 12 (STAGECRAFT)

This course builds on pre-existing knowledge acquired in Theatre Production 11. Students are expected to have basic comprehension of theatre lingo, how to hang lights, be familiar with the drama studio space and understand effective theatre staging. Students will learn how to design a lighting plot for a skit/production, continue building sets and will be required to operate lighting and sound boards. In this course, students are highly encouraged to get involved in after-school theatre productions, which will permit them to use those hours in exchange for regular class time. This course is best suited to students who are self-motivated and are able to work independently on a variety of projects in a versatile environment.

MUSIC

CONCERT BAND 9

This performance-based course is open to students of all skill levels. Students who demonstrate intermediate musical skills and/or have successfully completed Band 8 will be part of the full ensemble. Students who are new to band or have basic skills will receive guided instruction on their instruments to help them build skills that they will need to join with the full ensemble. As with all the bands, a variety of musical styles will be taught throughout the year.

Students will continue learning increasingly difficult music, starting at the Grade 2-2 ½ level of music repertoire. They also work on developing their listening skills, not only for tuning their own instruments but for listening across the band and understanding the importance of their part within the ensemble. The students study enharmonic tones, learning about half steps and whole steps, the make-up of a major scale which all leads to the understanding and ability to play major and chromatic scales.

Students will:

- Demonstrate improvement of tone and range on instrument
- Maintain a part within complex textures and harmonies
- Use appropriate music terminology to describe rhythm, metre and melody
- Demonstrate ability to perform increasingly difficult repertoire
- Perform at all concerts, tours, and festivals

MUSIC

JAZZ BAND 9 (outside the timetable)
(Students must also be concurrently enrolled in any concert band course, except piano & guitar players)

The performance-based course is for students with some previous jazz experience (Jazz Lab), and/or permission from the instructor. Standard jazz ensemble instruments are used, and a variety of styles are taught. Jazz concepts, theory, & history will be discussed, and all students will be shown how to solo appropriately.
Classes are twice per week. This band is combined with Jazz Band 10 to form the "Intermediate Jazz Band". Students will participate in all performances, festivals, and trips.

Students will:

- Demonstrate improvement of tone and range on instrument Maintain a part within complex jazz textures and harmonies
- Use appropriate music terminology to describe rhythm, metre and melody
- Demonstrate ability to perform increasingly difficult repertoire.

CONCERT CHOIR 9 (outside the timetable)

This performance-based course is a non-auditioned Choral Ensemble class which meets out of the timetable twice per week. While it is not expected that each student will have previous vocal training or musical experience, it is expected that each ensemble member will develop in the following areas:

Musicianship - artistry, interpretation, expression, musicality, literacy
Technique: breathing, tone production, resonance, phrasing, support, tuning
Style – understanding of musical styles, genres, & periods through a variety of Concert Choir literature

Students will perform at all concerts, tours, workshops, and festivals.

MUSIC

CHAMBER CHOIR 9 (outside the timetable)

This performance-based course, offered twice/week, is for students with little or no previous Jazz or Chamber Choir experience. This choir performs half of its repertoire on mics and half off, in a chamber style. They will strengthen their skills in reading harmonies, and they will experience solo opportunities as well. This group of singers is combined with Intermediate Chamber Jazz 10 and sometimes 11 or 12 to form the "Intermediate Chamber-Jazz Choir."

Students will:

- Demonstrate individual improvement of tone, range,and understanding of styles
- Maintain a vocal line within complex jazz chords, rhythms, and harmonies
- Use effective microphone technique and off mic vocal technique Demonstrate ability to perform increasingly difficult repertoire Participate in all school performances, tours, and trips

CONCERT BAND 10-12

This performance-based course is intended for those students in Grade 10 who demonstrate intermediate musical skills and/or have successfully completed Band 9. As with all the bands, a variety of musical styles will be taught throughout the year. The students are also required to do sectionals (two per month). These are student-lead rehearsals where they indicate their practiced repertoire and what needs to be worked on. It gives the students some ownership of their learning and how to help each other along the way.

Students will:

- Improve tone and range on instrument
- Maintain a part within complex textures and harmonies
- Use appropriate music terminology to describe rhythm, metre and melody
- Demonstrate ability to perform increasingly difficult repertoire
- Improve teamwork and listening skills through developing musical ensembles
- Perform at all concerts, tours, and festivals

MUSIC

INTERMEDIATE JAZZ BAND 10 (outside the timetable) (Co-requisite: Concurrently enrolled in any concert band course, except piano & guitar players)

This course is for students with previous jazz experience (Jazz Lab, Jazz Band 9), and/or permission from the instructor. Standard jazz ensemble instruments are used, and a variety of styles are taught. Jazz concepts, theory, & history will be discussed, and all students will be shown how to solo appropriately in a variety of styles. Classes are twice per week. This band is combined with Jazz Band 9 to form the "Intermediate Jazz Band".

Students will:

- Demonstrate improvement of tone and range on instrument Maintain a part within complex jazz textures and harmonies
- Use appropriate music terminology to describe rhythm, metre and melody
- Demonstrate ability to perform increasingly difficult repertoire Participate in all performances, festivals, and trips

SENIOR JAZZ BAND 11 & 12 (outside the timetable)
(Co-requisite: Concurrently enrolled in any concert band course, except piano & guitar players)

This high-energy performance-based course is for students with previous jazz experience (Jazz Lab, Jazz Band 9/10), and/or permission from the instructor. Standard jazz ensemble instruments are used, and a variety of styles are taught. Jazz concepts, theory, & history will be discussed, and all students will be shown how to solo appropriately.

Classes are twice per week. This band is combined with Jazz Band 12 to form the "Senior Jazz Band".

Students will participate in all performances, festivals, and trips.

CONCERT CHOIR 10-12 (outside the timetable)

This performance-based course is a non-auditioned Choral Ensemble class which meets out of the timetable twice per week. While it is not expected that each student will have previous vocal training or musical experience.

Students will develop:
Musicianship – artistry, interpretation, expression, musicality, literacy
Technique – breathing, tone production, resonance, phrasing, support, tuning
Style – understanding of musical styles, genres, & periods through a variety of Concert Choir literature

Students will perform at all concerts, tours, workshops, and festivals.

MUSIC

INTERMEDIATE CHAMBER CHOIR 10 (outside the timetable) (Co-requisite: Concert Choir 10)

This performance-based course is an auditioned choral ensemble class for students with previous musical experience and training. This class is offered twice per week, and students must be enrolled in Concert Choir as the co-requisite course. Chamber Choir members can expect high performance demands, very challenging repertoire, and extra opportunities. Their role in Concert Choir: demonstrate leadership & mentorship, musical support & encouragement, and artistic modeling in sight-reading and technique.

Students will develop:

Musicianship – artistry, interpretation, expression, musicality, literacy
Technique – breathing, tone production, resonance, phrasing, support, tuning, etc.
Style – understanding of musical styles, genres, musical periods through a variety of Chamber Choir literature

Students will perform at all concerts, tours, festivals, and special events.

INTERMEDIATE JAZZ CHOIR 10 (outside the timetable) (Co-requisite: Concert Choir 10 & Senior Chamber Choir 10)

Senior Vocal Jazz is an auditioned, performance based Choral Ensemble class. Singers accepted into this ensemble must also take the co-requisite Concert Choir class. These singers can expect high performance demands and a very challenging repertoire and extra opportunities.

Each ensemble member will develop the following areas:

- Musicianship – artistry, interpretation, expression musicality, literacy Technique – breathing, tone production, resonance, phrasing, support, tuning
- Style – understanding of Jazz styles such as blues, swing, rock, funk, bossa nova, samba, and more
- Soloing – each member will have opportunities to solo both ad lib and written

Students will perform at all concerts, tours, and festivals.

MUSIC

SENIOR CHAMBER CHOIR 11 & 12 (outside the timetable)
(Co-requisite: Concert Choir)

This performance-based course is an auditioned choral ensemble class for students with previous musical experience and training. This class is offered twice per week, and students must be enrolled in Concert Choir as the co-requisite course. Chamber Choir members can expect high performance demands, very challenging repertoire, and extra opportunities. Their role in Concert Choir: demonstrate leadership & mentorship, musical support & encouragement, and artistic modeling in sight-reading and technique.

Students will:

- Develop personal musicianship – artistry, interpretation, expression, musicality, literacy
- Technique – breathing, tone production, resonance, phrasing, support, tuning etc.
- Style – understanding of musical styles, genres, & musical periods through a variety of Chamber Choir literature
- Perform at all concerts, tours, festivals, and special events

SENIOR JAZZ CHOIR 11 & 12 (outside the timetable)
(Co-requisite: Concert Choir & Senior Chamber Choir)

Senior Vocal Jazz is an auditioned, performance based Choral Ensemble class. Singers accepted into this ensemble must also take the co-requisite Concert Choir class. These singers can expect high performance demands and a very challenging repertoire and extra opportunities. Each ensemble member will develop the following areas:

- Musicianship—artistry, interpretation, expression musicality, literacy
- Technique—breathing, tone production, resonance, phrasing, support, tuning
- Style—understanding of jazz styles such as blues, swing, rock, funk, bossa nova, samba, and more
- Soloing—each member will have opportunities to solo both ad lib and written.

Students will perform at all concerts, tours, and festivals.

FINE ARTS

VISUAL ARTS 9

Visual Arts 9 is open to artists of all levels. This course is designed to inspire you to appreciate the process of art making, as much as you will appreciate your finished work! Drawing ability is not essential, as you will learn the fundamentals of design, drawing, painting, printmaking, sculpture, and some art history. Experimentation and exploration in different media are an important part of this course.

On completion of Visual Arts 9, you should be able to: demonstrate a basic knowledge of the fundamentals of art - the elements of design; a basic knowledge of drawing and painting techniques; possible printmaking and sculptural experiences, and lastly an appreciation and enjoyment of art and the art-making process.

STUDIO ARTS 3D 9: CERAMICS

You will learn the properties of clay, the use of tools and various hand building techniques to achieve success in making ceramic objects while working on projects that communicate ideas and express emotions. You will create personally meaningful artistic works that demonstrate an understanding of and appreciation for personal, social, cultural, environmental, and historical contexts. Working at your own pace, you will design and construct sculptures and functional items in a relaxing environment. You will also learn how to apply underglazes and glazes to give your completed objects a professional finish. Projects include pinch pot creatures, coil pot vase and functional mugs. Students may also experiment with the basic centering techniques on the potter's wheel.

PHOTOGRAPHY 9

An introduction to basic digital photography skills and procedures using Canon Rebel Cameras. Students will be working with composition and learning what makes a strong image. Students will learn the main functions of the camera along with the exposure triangle which includes the aperture, shutter, and ISO. In addition, students will be introduced to basic photography editing.

MEDIA ARTS 9: GRAPHIC DESIGN

Students will explore the design process, learning about the Elements and Principles of Design while using industry standard software (Adobe CC's Photoshop and Illustrator.) They will create their own original content in a collaborative, studio-like environment. Projects may include logo design, poster design, advertisement creation, digital illustrations, composite photos, and much more. Students will gain a strong understanding of the design process, from initial brainstorming with sketches, to final print production output. Students will also be responsible for creating an online portfolio to showcase their work.

FINE ARTS

MEDIA DESIGN: YEARBOOK OPEN TO GRADES 9 - 12

(Outside the timetable)

Yearbook class is a team of students working on designing and producing the entire book cover to cover. This includes layout, interviewing, digital photography, and computer work using the eDesign Program to produce the yearbook.

This is a class for individuals that are not afraid of going the extra mile to get the right photo or interview to make their spread look amazing. No experience required – we will teach you everything you will need to succeed.

ART STUDIO 10: GENERAL

Art Studio 10 is open to artists of all levels. If you have acquired a genuine liking and interest in art, Visual Arts 10 will help you expand on the fundamentals of design and apply this knowledge to artistic experiences such as drawing, painting, printmaking, and sculpture.

This course is designed to inspire you to appreciate the process of art making, as much as you will appreciate your finished work! On completion of Art Studio 10, you should be able to: demonstrate a good understanding of the elements and principles of design; develop your skills and techniques in drawing, painting, printmaking and 3D art; support the emergence of an individual style, and establish a strong liking and appreciation for art, as well as the benefits of the art-making process.

STUDIO ARTS 3D 10: CERAMICS

Ceramics welcomes you regardless of your skill level. You will start where you are on your clay journey. Working at your own pace, you will design and construct sculptures and functional items in a relaxing environment.

If you have taken Ceramics 9, then this can be an intermediate level that builds upon the basic knowledge and skills you possess. Students will learn how to construct larger and more complex objects using hand-building processes. You will be introduced to basic pottery wheel throwing techniques and trimming. Surface decoration using texture, slip trailing, sgraffito, wax resist, and stamping will be explored as a method for creating a broader range of effects on ceramic objects. In addition, dip glazing will be introduced, giving students the opportunity to create more sophisticated finishes on their ceramic objects.

FINE ARTS

MEDIA ARTS 10: GRAPHIC DESIGN

Students will explore the design process, learning about the Elements and Principles of Design while using industry standard software (Adobe CC's Photoshop and Illustrator). They will create their own original content in a collaborative, studio-like environment.

Projects may include logo design, poster design, advertisement creation, digital illustrations, composite photos, and much more. Students will gain a strong understanding of the design process, from initial brainstorming with sketches, to final print production output. If students took Media Arts 9, their design skill and technical knowledge will be challenged with more complex assignments. Students will also be responsible for creating an online portfolio to showcase their work.

PHOTOGRAPHY 10

Photography 10 is open to all photographers of all levels. Students will learn basic digital photography using DSLR Canon Rebel Cameras and editing photos with Adobe Photoshop. Photo editing will be a large focus for this course. Students will learn how to fix blemishes, remove unwanted objects, emphasis colors to make your photos pop, create morphed animals and layer your images and so much more. Take this course to continue or start your love of photography and photo editing.

PRINTMAKING 10 – BAA PRINTMAKING

Students will explore the art of printmaking through hands-on studio practice. Techniques include relief printing, engraving, and silkscreen, along with other processes such as monoprint and intaglio. Emphasis is placed on creativity, technical skill, and the concept of multiplicity—how one image can be reproduced and transformed. Learners will take inspiration from influential printmakers, develop safe studio practices, and create a personal portfolio of prints that reflect both traditional and experimental approaches.

ANIMATION 10

In this introductory class you will learn about the historical and current ways of creating animations. We will start off with the historical forms of animation that include working with our hands with thaumatropes, flip books, storyboarding, and cut-outs. After we establish this foundation, we will turn our focus to introductory projects on the digital programs that help you build animations. We will be working with Photoshop, Animate, Fresco and other industry standard software. Throughout the course you will learn about the layers that you build, and how to put your stories into motion.

FINE ARTS

ART STUDIO 11/12: GENERAL

Art Studio is open to artists of all levels. If you have acquired a genuine liking and interest in art, Art Studio will help you expand on the elements of design and apply this knowledge to artistic experiences such as drawing, painting, printmaking, and sculpture.

This course is designed to inspire you to appreciate the process of art making, as much as you will appreciate your finished work! On completion of Art Studio 11/12, you should be able to: demonstrate a thorough understanding of the elements and principles of design; further develop your skills and techniques in drawing, painting, printmaking, and 3-D art; support the emergence of an individual style, and develop a strong liking and appreciation for art, as well as the benefits of the art-making process. You may also explore independent projects which could support your comprehensive portfolio for any possible post-secondary art education.

ANIMATION 11

The focus of this class is to learn about digital storytelling through 2D animation. We will start the course with storyboarding, stop-motion, animation industry research, and animation theory, and all the while you will learn to work with industry standard Adobe Cloud animation programs such as Photoshop, Animate, Character Animate and Fresco. In this course we will examine and work with concept sketches, anticipation, arcs, timing, sound-elements (foley), composition, lighting, character design and environmental design. We will also explore the importance of our stories and the responsibilities of storytellers.

PHOTOGRAPHY 11/12

Photography 11/12 is a continuation of digital photography using a DSLR Camera. Students will be approaching Photography as a Fine Art, focusing on the creative process, and developing conceptual ideas within Photography. Editing and manipulation using Photoshop and Lightroom will be another main component of this course. You may also explore independent projects, which could support your comprehensive portfolio for any possible post-secondary art education.

FINE ARTS

STUDIO ARTS 3D 11/12: CERAMICS

Ceramics welcomes you regardless of your skill level. You will start where you are on your clay journey. Working at your own pace, you will design and construct sculptures and functional items in a relaxing environment. If you have taken Ceramics 10, then in this course you will have the opportunity to combine hand building and wheel throwing techniques to create specialized sculptures and functional ware while working on projects specifically interesting to you. You will experiment with the use of your previous experiences with clay and glazes to create a body of work that addresses their individual needs as they pertain to the functional use of the objects; this may include pieces suitable for their Portfolio for post-secondary education. Directed study is also available for students interested in focusing on a methodology and are intrinsically self-motivated.

STUDIO ARTS 2D 11/12: DRAWING & PAINTING

This course is open to students in Grades 11 & 12 with a desire to focus on the continued development of their drawing and painting skills, as well as those who want to come and explore the potential in these two mediums for creating images!

You will complete a series of core projects, giving you exposure to a large variety of materials, processes, and tools. There is an emphasis in this course on focusing on technical skill, which includes using different drawing and painting strategies. Having gained new insight and experience, you will then have an opportunity to create work independently, where you choose the materials and styles you wish to focus on. These independent projects could support your comprehensive portfolio for any possible post-secondary art education.

FINE ARTS

MEDIA ARTS 11/12: GRAPHIC DESIGN

Students will explore the design process, learning about the Elements and Principles of Design while using industry standard software (Adobe CC's Photoshop and Illustrator.) They will create their own original content in a collaborative, studio-like environment.

Projects may include logo design, poster design, advertisement creation, digital illustrations, composite photos, 2D animation and much more. Students will gain a strong understanding of the design process, from initial brainstorming with sketches, to final print production output. If students have taken Media Arts previously, their design skill and technical knowledge will be challenged with more complex assignments. Students will also be responsible for creating an online portfolio to showcase their work.

IB IS A TWO YEAR PROGRAM AND STUDENTS ARE ACCEPTED BY APPLICATION. Higher Level requires 40 additional hours of instruction.

IB VISUAL ARTS 11/12

This course is open to everyone, and students do not need to be in the IB Diploma Programme to take this course. IB Visual Arts is a two-year course that allows students to explore a wide variety of art making methods and media. This course is meant for students who are interested in pursuing a post-secondary program that requires a portfolio of work, or for students who want to be challenged within their art making practices. IB Visual Arts will enable students to make artwork that is influenced by personal and cultural context, and students will have the freedom to create what they are passionate about; the course will help students become informed and critical observers and makers of visual culture across a wide variety of mediums. At the end of the second year, students will submit 3 major projects: a documentation of their art- making processes, an art analysis project, and finally an exhibition of their work over the two years. If you are someone who wants to challenge yourself in regards to art-making, who works well independently, and who wants to grow as an artist, this course is for you.

FILM & TV

FILM & TELEVISION 9: VIDEO PRODUCTION

Video Production 9 provides students with an exciting and motivating introduction to the world of Digital Video Production. The goal is to introduce students to the art, craft, and technology of desktop video production. The video production course offers intensive hands-on production with High-Definition camera equipment, lighting, and sound to help students tell their stories – their way. Topics include script planning and writing, camera operation, lighting, and sound, and editing with Final Cut Pro Studio on the computers. The course strives to nurture individual talent and skills while also working with others on group projects to encourage students to become creative and thoughtful practitioners in the world of video production. Students will have class time to work on video projects, while outside of class filming may be necessary depending on video subjects and locations. Students will be expected to be intrinsically motivated in this course, be able to receive and give criticism and dream big.

MEDIA ARTS 10: FILM AND TELEVISION

Media Art 10: Film and Television continues to provide students with opportunities to grow their knowledge and skills of camera equipment, lighting, video editing, sound design and script writing. Video Production 10 is a hands-on class that consists of making several new forms of video projects along with film analysis. The course strives to nurture creative thinking and making videos with topics that interest you. Much of class is used for preparing, filming, and editing video projects, but filming outside of class on weekends or after school may be necessary depending on your videos subject matter and necessary locations. Students in this class are encouraged to participate in different province wide film festivals throughout the year. Students will be expected to be intrinsically motivated in this course, be able to receive and give criticism and dream big.

FILM AND TELEVISION 11/12

Building on the concepts introduced in Media Art 10, this course provides an exciting and motivating exploration of the world of Film and Television. This course will enable students to understand and appreciate artistic expression through video, and to talk and write with discrimination about the media studied. The curriculum will focus on advanced video camera techniques, lighting, and green special effects while allowing students the creative freedom to produce their own media. Projects will include the structure of commercials and PSA's, media literacy, script writing and screenplays, editing in Final Cut Pro Studio and sound design. Much of the work will be done in class and filming may need to occur outside of class time due to the content of their video. Students will be expected to be intrinsically motivated in this course, be able to receive and give criticism and dream big. It is recommended that you have at least one year of video production experience prior to taking this course.

FILM & TV

IB Film Studies SL 11

IB Film SL is an exciting new arts course available to all students passionate about films, film studies, and analysis. This course will be diving into the world of film and the many roles necessary to make a film possible. The class will consist of analysis, comparative studies and film making itself, consisting of both significant writing assignments on film analyses and opportunities for video creation.

It is highly recommended that students who are interested in this course have previous video production experience, be willing to collaborate with others, and have a passion for film at a deeper, analytical level.

LEADERSHIP

LEADERSHIP 9

This course offers students an exciting opportunity to develop leadership skills through service learning and hands-on involvement in school and community projects. Students will explore their own interests and strengths while investigating local needs, planning events, and reflecting on how their leadership can create positive change. Along the way, they will build essential skills in public speaking, goal setting, organization, time management, communication, and collaboration preparing them to lead with confidence and purpose. A key component of the course is the Eagle Points Project, which challenges students to actively engage in school life by earning points through participation in events, clubs, volunteering, and creative contributions, recognizing and rewarding their efforts to build a vibrant REMSS community.

LEADERSHIP 10

This course offers students an exciting opportunity to develop leadership skills through service learning and hands-on involvement in school and community projects. Students will explore their own interests and strengths while investigating local needs, planning events, and reflecting on how their leadership can create positive change. Along the way, they will build essential skills in public speaking, goal setting, organization, time management, communication, and collaboration preparing them to lead with confidence and purpose. A key component of the course is the Eagle Points Project, which challenges students to actively engage in school life by earning points through participation in events, clubs, volunteering, and creative contributions, recognizing and rewarding their efforts to build a vibrant REMSS community. Students will also participate in Serve Crew, a rotating team that takes on weekly service leadership responsibilities focused on improving the class and school environment.

LEADERSHIP

LINK CREW 11/12 (BY APPLICATION)

Link Crew is a leadership and mentorship program where Grade 11 and 12 students support the successful transition of Grade 9s into high school. Link Leaders complete specialized training to develop mentorship, communication, relationship-building, and event-based leadership skills. Throughout the year, Leaders work closely with two small groups of Grade 9 students, acting as positive role models, academic guides, and community-builders.

The time commitment includes mandatory 3 days of training before school begins, regular Monday morning classes for ongoing leadership development, and scheduled monthly Academic Follow-Ups during Flex where Leaders facilitate lessons designed to build Grade 9 confidence, connection, and academic readiness. In addition, Leaders participate in various social follow-ups, school events, and ongoing communication through Microsoft Teams to help Grade 9s navigate high school life. Link Crew is an opportunity for senior students to grow as leaders, strengthen their interpersonal skills, contribute to school culture, and make a meaningful impact on the REMSS community.

PEER MENTORING 11/12 (BY APPLICATION)

Peer Mentoring is a scheduled leadership and mentorship course for Grade 11 and 12 students who are interested in supporting junior students in a classroom environment. Peer Mentors are placed in Grade 9 or 10 classes based on their strengths, interests, and experience, and work under the supervision of a sponsor teacher to help create a positive, productive learning environment. This course focuses on developing leadership, communication, and relationship-building skills. Peer Mentors model professionalism through attendance, punctuality, engagement, and strong work habits, while also learning how to support younger students academically, socially, and emotionally. Throughout the semester, students participate in bi-weekly mentorship challenges that allow them to apply specific skills in their placement classrooms, build meaningful connections with the juniors they support, and reflect on their impact. Peer Mentoring is a reflective course that requires ongoing written reflections, self-assessment, and one final summative assignment. These reflections emphasize personal growth, mentorship development, and the ability to thoughtfully evaluate successes, challenges, and next steps.

This course is highly rewarding and is ideal for students interested in helping professions such as education, counselling, social work, psychology, health care, or any field that requires strong interpersonal skills and the ability to work effectively with diverse learners.

LEADERSHIP

RECREATION & LEADERSHIP 11/12 (BY APPLICATION)

Students interested in this course must be highly self-motivated, responsible, and committed. Also, students who take this course must have a great deal of after-school and weekend availability.

Recreation and Leadership is a course for those students who enjoy both physical activity and taking on leadership roles. This course involves the study of essential elements and basic principles of organization and leadership. Students will be put into leadership roles in the school, including officiating and scorekeeping for our athletics program, where they will be able to practice and apply these leadership elements and principles. Also, students will experience a wide variety of recreational activities through field trips in hopes that they will pursue a life-long healthy lifestyle. The course will culminate in a year-end camping trip. Students are required to complete 95 hours of service as a component of this course.

ENGLISH LANGUAGE LEARNERS (ELL)

All schools in Langley follow the service model which divides into four stages of language proficiency:

BEGINNER	Little experience with English but have had formal schooling and have an age-appropriate level of literacy in a language other than English.
DEVELOPING	Have developed some competency in English and need to focus specifically on language development for academic learning.
INTERMEDIATE	Able to succeed in most regular high school courses but need support in English language development for academic learning.
ADVANCED	Can study high school subjects in the regular classroom, with support in specific subjects such as English or Graduation Transition.

ELL students will be placed in one of the four levels after initial assessment of English ability. Students may advance to the next level once coursework for the present level is complete. Students do not necessarily take all ISP/ELL coursework offered at a given level; recommendation is given dependent on the scores achieved during the initial assessment. The length of time needed to advance to the next level depends on factors such as academic ability and work habits of the student, but typically a low intermediate student who completed grade 10 in their home country can graduate and go on to a Canadian post-secondary college or university in 2.5 - 3 years (summer school being .5 of a school year).

All Langley high schools offer the BAA courses within the four-stage service model to ensure ISP students receive credit for ELL instruction at Grade 10, 11, and 12 levels. As well, schools can offer ELL "primer" courses until more BAA courses are developed. For students who are more proficient in a language being offered and who would like to take on a higher-level course, please contact your school counsellor directly.

BEGINNER	ELL Drama Strategies for Academic Success 10
DEVELOPING	English Language Development 10 Introduction to Academic Language 10
INTERMEDIATE	English Language Development 11
ADVANCED	ISP / ELL Writing 11

BEGINNER

STRATEGIES FOR ACADEMIC SUCCESS 10

This course is designed to familiarize and extend students' abilities to use various strategies independently to meet the learning outcomes and be successful in content-based courses such as English Language Arts, Social Studies, Science and/or Mathematics. The emphasis will be on comprehending important concepts, linking new information to prior knowledge, and applying strategies and skills learned. As well, through discussion and debate, students will learn aspects of the history and culture of Canada and become familiar with a variety of learning skills and Canadian assessment techniques. Students will acquire foundational English skills that will help them read, write, and communicate at an introductory level.

DEVELOPING

ENGLISH LANGUAGE DEVELOPMENT 10

This course has been designed to help students extend the four main English language skills of reading, writing, listening, and speaking. It will encourage the use of viewing and representing to build all four language skills. The focus is on expanding the strategies you need to read, research, and write successfully in standard English for academic success. Students will also identify and compare their own customs to Canadian culture and customs. They will learn how to express themselves using more compound sentences, short paragraphs, and literary devices.

INTRODUCTION TO ACADEMIC LANGUAGE 10

The emphasis of this course is to develop students' academic language and extend the English language skills needed to be more successful in the content areas of English and Socials through reading, researching, and writing. Students will listen, read, and study texts in specific genres by studying the forms, styles, and models required to create these text structures to build competencies so students can create original pieces. This course includes elements that make up Canadian culture. Students will learn to use more specific vocabulary and draw from examples to further develop their written and verbal expression.

INTERMEDIATE

ACADEMIC WRITING 11

This course is designed to extend students' exploration of the four main English language skills of reading, writing, listening, and speaking. It will help students improve their knowledge, skills, and attitudes as they become bilingual. There will be an emphasis on the use of strategies needed to be successful in other academic courses. Students will practice these strategies while reading, writing, and extracting information in English that address their specific needs regarding language and culture. Students will learn how to identify abstract ideas from a variety of texts and make connections to themselves.

ADVANCED

ISP / ELL WRITING 11

This course is intended to develop, strengthen, and enhance students' academic writing skills to write effectively at the level expected of them in upper-level secondary courses. Since writing is the strand which will be most heavily evaluated in high school English, this course emphasizes writing strategies and theory that will increase student understanding of the writing process, thereby facilitating success in the graduation program. Students will acquire the skills necessary to produce organized, detailed prose for a variety of purposes.

Courses Outside of the Timetable

R.E. Mountain Secondary offers courses that take place before and/or after the regular school day. These are credit-bearing courses, not extracurricular activities, and have the same attendance, participation, and assessment expectations as regularly scheduled classes. Students must be able to commit to the scheduled class times and complete an application to be considered for enrolment.

Courses Offered Outside of the Timetable:

- Concert Choir (Grades 10–12)
- Chamber Choir (Grades 10–12)
- Jazz Choir (Grades 10–12)
- Jazz Band (Grades 10–12)
- Theatre Company (Grades 10–12)
- Media Design: Yearbook (Grades 10–12)
- High Performance Basketball (Grades 11–12)
- High Performance Golf (Grades 11–12)
- High Performance Volleyball (Grades 11–12)
- High Performance Sport Performance / Strength & Conditioning (Grades 11–12)
- Link Crew (Grades 11–12)

Course availability and schedules vary by grade. Please refer to your grade-specific course programming guide for details.

Application-Based Courses

Some courses at R.E. Mountain Secondary require an additional application as part of the course selection process. These courses may be scheduled during the regular school day or outside of the timetable. Students must complete the required application by the designated deadline to be considered for enrolment. Application forms can be found on RE Mountain's website under "Course Planning".

Application-Based Courses Outside of the Timetable:

- Concert Choir (Grades 10–12)
- Chamber Choir (Grades 10–12)
- Jazz Choir (Grades 10–12)
- Jazz Band (Grades 10–12)
- Theatre Company (Grades 10–12)
- Media Design: Yearbook (Grades 10–12)
- High Performance Basketball (Grades 11–12)
- High Performance Golf (Grades 11–12)
- High Performance Volleyball (Grades 11–12)
- High Performance Sport Performance / Strength & Conditioning (Grades 11–12)
- Link Crew (Grades 11–12)

Courses Outside of the Timetable (continued)

Application-Based Courses Inside the Timetable:

- Leadership 11/12
- Peer Mentoring 11/12
- Rec Leadership 11/12

Additional Programs Requiring an Application:

- Pre-IB Program (Grade 10)
- International Baccalaureate (IB) Program (Grades 11–12)
- PEAK Outdoor Education Program (Grade 10)

Important: Students interested in application-based courses must still complete their course selections in MyEdBC. If they are selected for an application-based course, their schedule will be updated accordingly. Some courses may also require an audition.

SCHOOL PROGRAMS

INTERNATIONAL BACCALAUREATE PROGRAM

R.E. Mountain Secondary School's Pre-International Baccalaureate (IB) Program is designed to prepare students for the challenges of the International Baccalaureate (IB) Diploma Program that is offered to students in Grade 11 and 12. IB is an academically rigorous university preparation program that is recognized globally. Pre-IB and IB teachers in each subject area work collaboratively to identify the skills and knowledge that are necessary to help students succeed in IB. The Pre-IB teachers then introduce, develop and reinforce these skills and knowledge at grade appropriate levels. By the time Pre-IB students are completing Grade 10, they should be well prepared for the academic rigor of the IB Program. Students enrolled in both Pre-IB and IB are also required to take a second language. R.E. Mountain Secondary's Pre-IB and IB Programs are District programs which means that students must be residents of Langley to be considered. All Langley students are welcome to apply and will be considered equally for the programs regardless of their catchment area. However, it should be noted that there is a distinct academic advantage to enter into the IB program at the Pre-IB 9 level.

COMPLEX RESOURCE

Students in Complex Resource are on a Modified program closely linked to their Individual Education Program goals. Students focus on developmentally appropriate academic, social and employment skills. They are supported by a variety of professionals including Educational Assistants in all class settings.

LEARNING SUPPORT SERVICES

The Learning Support Services Department is designed to provide services in-class and tutorial support to all students in academic classes requiring help to meet course requirements and/or meeting the goals of their IEP if they have one. The Department believes that educators work together to coordinate their efforts and expertise to enhance student learning. The Learning Support Team works with teachers to identify, plan, teach, and assess students with varying learning needs.

2027 -2028 Youth Train in Trades



What

- Programs for students to complete SkilledTradesBC technical trades training
- Students can train to become a(n): Automotive Service Technician, Carpenter, Electrician, Hairstylist, Landscape Horticulturalist, Plumber, Professional Cook or Welder

Why

- Learn skills and gain experience
- Earn high school and post-secondary credits at the same time
- Pay no tuition (for eligible high school students)

Who

- Be in grade 10-11 to apply
- Intention to graduate
- Genuine interest in the trade
- Commitment to learning the skills, knowledge and attitudes required to do well in the field

When

- Most programs begin February 2028
- Programs are full-time for 1 or 2 semesters

Where

- Location depends on the program, see program pages for more information

How

- Contact your school's Career Advisor for more information and/or to apply
- Visit careered.sd35.bc.ca/youthtrain

2027 - 2028 Youth Work in Trades

What

- SkilledTradesBC's Youth Work in Trades program allows students to start an apprenticeship while they are still in high school. They can earn graduation credits while logging work-based training hours

Why

- Earn up to 16 elective credits towards graduation (equals 4 courses)
- Acquire skills employers want and get a head start on your career
- Use 480 paid work hours towards your apprenticeship
- Have a seamless transition from school to work
- Become potentially eligible for a $1000 Youth Work in Trades Scholarship

Who

- Be 15-19 years old
- Be working or have worked in a SkilledTradesBC regulated trade
- Register at anytime during the school year

Where

- Work at your employer's place(s) of business and on school assignments at home

How

- See your school's Career Advisor
- Visit careered.sd35.bc.ca/youthwork

2027 - 2028 Work and Volunteer Experience (WAVE)

What

- Get placed with employers/organizations to job shadow and/or perform the duties of an entry level employee
- Build skills for your resume to make you more employable
- Gain experience and transferable skills in the workplace

Why

- Complete course credits outside of a school in almost any industry/occupation
- Get paid or gain volunteer experience while earning school graduation credits
- Allows you to take more than eight courses in a school year, does not impact your current school schedule
- Create a strong pathway into the workplace while building references and work networks

Who

- Be in grades 10-12 to apply

When

- Complete work after school, weekends during school breaks (winter, summer, spring)

Where

- Work at your employer's place(s) of business for 80 hours; and on your WAVE school assignments at home

How

- Register during course selection or see your school's WAVE teacher, Career Advisor or counsellor for more info
- Visit website for more info careered.sd35.bc.ca/wave

2027 - 2028 Academic Dual Credit – Early Childhood Education

What

- Students can earn post-secondary credits towards a university program
- Students complete course requirement to become an Early Childhood Education Assistant and earn post-secondary credits towards the Early Childhood Education Certificate

Why

- Learn skills and gain experience
- Earn high school and post-secondary credits at the same time
- Pay no tuition (for eligible high school students)

Who

- Be in grade 11 to apply
- Intention to graduate
- Genuine interest in pursuing post-secondary education
- Commitment to learning the skills, knowledge and attitudes required to do well in the field

When

- ECE program starts in September 2027

Where

- Location depends on the program, see program pages for more information

How

- Contact your school's Career Advisor for more information and/or to apply



2027 - 2028 Academic Dual Credit – Introduction to Health Science

What

- Students can earn post-secondary credits

Why

- Learn about health science from a variety of perspectives
- Gain knowledge of post-secondary expectations
- Increase communication and interpersonal relations
- Earn high school and post-secondary credits at the same time
- Pay no tuition (for eligible high school students)

Who

- Be in grade 11 to apply
- Require this course as part of an intention to pursue a career in health care/health science with a focus on nursing

When

- July- mid August 2027

Where

- Kwantlen Polytechnic University, Langley Campus

How

- Contact your school's Career Advisor for more information and/or to apply

2027 - 2028 Academic Dual Credit – Biomedical and Health Science

What

- Students can earn post-secondary credits

Why

- Experience a full-time university semester while still in high school
- Take first year biology, English and psychology courses
- Increase communication and interpersonal relations
- Earn high school (16 credits) and post-secondary credits (14 credits)
- Pay no tuition (for eligible high school students)

Who

- Be in grade 11 to apply
- Must have all graduation requirements and program prerequisites completed by end of first semester in your grade 12 year

When

- Feb – June 2027

Where

- Kwantlen Polytechnic University, Surrey Campus

How

- Contact your school's Career Advisor for more information and/or to apply

2027 - 2028 Academic Dual Credit – Business

What

- Students can earn post-secondary credits

Why

- Experience a full-time university semester while still in high school
- Take first year Marketing, Business, Accounting and Communication courses
- Increase communication and interpersonal relations
- Earn high school (16 credits) and post-secondary credits (12 credits)
- Pay no tuition (for eligible high school students)

Who

- Be in grade 11 to apply
- Must have all graduation requirements and program prerequisites completed by end of first semester in your grade 12 year

When

- Feb – June 2028

Where

- Kwantlen Polytechnic University, Surrey Campus

How

- Contact your school's Career Advisor for more information and/or to apply

2027 - 2028 Academic Dual Credit

Early Childhood Education partnered with University of the Fraser Valley and Abbotsford School District			
Program Length and Dates	**What do you learn?**	**What do you leave with upon successful completion of the program?**	**What do you need to get into the program?**
2 semesters Sept to June For grade 12 students	In partnership with the University of the Fraser Valley (UFV), students complete FOUR courses toward their Early Childhood Education Certificate. Students complete three ECE courses and one Communications course. The ECE courses examine theories of human development; the history and philosophy of ECE practice; and introduce observation techniques to further child development.	Students can apply for the Early Childhood Assistant Certificate and earn 12 credits towards the Early Childhood Education Certificate.	• Completed English 11 • Grade 12 student • Recommended C+ or higher in English 10 and Math 10 • Intention to graduate

Introduction to Health Science partnered with Kwantlen Polytechnic University			
Program Length and Dates	**What do you learn?**	**What do you leave with upon successful completion of the program?**	**What do you need to get into the program?**
1 semester July to August For grade 11 students	Students can earn post-secondary credits. Students will be introduced to the multifaceted field of health science and the foundations of promoting health and wellness.	Students will: • Learn about health science from a variety of perspectives • Gain knowledge of post-secondary expectations • Increase communication and interpersonal relations	• Completed Grade 11 • Recommended B or higher in English Language Arts 10 and Math 10 • Require this course as part of an intention to pursue a career in health care/health science with a focus on nursing

Biomedical Health Science partnered with Kwantlen Polytechnic University			
Program Length and Dates	**What do you learn?**	**What do you leave with upon successful completion of the program?**	**What do you need to get into the program?**
1 semester Feb to June For grade 12 students	Students can earn post-secondary credits towards a university program. Students will experience full-time post-secondary semester while still in high school.	Students will: • Complete four post-secondary courses: two biology, one English and one psychology course • Experience a full-time post-secondary semester while still in high school • Earn 14 university credits	• Completed Grade 11 before program start • C+ or higher in English 12 • B or higher in Biology 11 • B or higher in Chemistry 11 • Recommended Biology 12 and/or Chemistry 12 • An intention to pursue a career in nursing/health care
Business partnered with Kwantlen Polytechnic University			
Program Length and Dates	**What do you learn?**	**What do you leave with upon successful completion of the program?**	**What do you need to get into the program?**
1 semester Feb to June For grade 12 students	Students can earn post-secondary credits towards a university program. Students will experience full-time post-secondary semester while still in high school.	Students will: • Complete four post-secondary courses: Marketing, Business, Accounting and communication • Experience a full-time post-secondary semester while still in high school • Earn 12 university credits	• Completed Grade 11 before program start • C+ or higher in English 12 • C+ or higher in any Math 11 • Recommended prior Business course • An intention to pursue a career in Business Administration, Accounting or Marketing

2027 - 2028 Youth Train in Trades

Automotive Service Technician partnered with KPU at Aldergrove Community Secondary

Program Length and Dates	What do you learn?	What do you leave with upon successful completion of the program?	What do you need to get into the program?
1 semester & July Feb to July For grade 11 and 12 students	Skills and knowledge to start working in automotive service. Level I auto service technician trades skills.	• credit for up to 5 high school courses (20 credits) • training in Auto Service leading to apprenticeship exam AST 1 • Optional student work placement in the auto field • SkilledTradesBC registration	• grade 10 completion plus any Math 11 and English Language Arts 11 • Automotive 11 or equivalent • intention to graduate • genuine interest in automotive service • commitment to learning the skills, knowledge and attitudes required to do well in the field

Carpentry partnered with KPU at Aldergrove Community Secondary

Program Length and Dates	n?	What do you leave with upon successful completion of the program?	d to get into the program?
1 semester Feb to June for grade 11 and 12 students	Skills and knowledge to start working in construction/carpentry. Level I carpentry trades skills.	• credit for 4 high school courses (16 credits) • SkilledTradesBC Level I Carpentry apprenticeship training • college credits leading to Kwantlen's Citation in Carpentry/Construction • SkilledTradesBC registration	• grade 10 completion plus any Math 11 and English Language Arts 11 • intention to graduate • genuine interest in construction • commitment to learning the skills, knowledge and attitudes required to do well in the field

Hairstylist at Aldergrove Community Secondary partnered with SkilledTradesBC

Program Length and Dates	n?	What do you leave with upon successful completion of the program?	d to get into the program?
2 semesters Feb to following Jan for grade 11 and 12 students **Program Schedule:** **subject to change* M-F, 8:15am-2:30pm	Skills and knowledge to become a certified hairstylist in BC.	• credit for 11 courses (44 credits) • 990 hours of credit towards SkilledTradesBC Hairstylist foundation program • 300 SkilledTradesBC practicum hours through work experience in the industry and in the training salon • SkilledTradesBC Certificate of Completion – C of Q Hairstylist Foundation	• sincere interest in hair • grade 10 completion plus English Language Arts 11 • intention to graduate • fully proficient in English language • interest in working with people • commitment to learning the skills, knowledge & attitudes required to be a successful hairstylist

Piping/Plumbing partnered with BCIT at Langley Secondary School

Program Length and Dates	n?	What do you leave with upon successful completion of the program?	d to get into the program?
2 semesters Feb to following Jan for grade 11 and 12 students	Skills and knowledge to start working in the piping trades: plumbing, steam fitting and sprinkler fitting.	• credit for 9 courses (36 credits) • Level I piping trades apprenticeship training • substantial practical work experience in the field • BCIT's Certificate of Trade Training in Piping Foundation • SkilledTradesBC Registration	• grade 10 completion plus any Math 11, English Language Arts 11, Science 11 • intention to graduate • genuine interest in piping/plumbing • commitment to learning the skills, knowledge and attitudes required to do well in the field

Electrical partnered with BCIT at BCIT's Satellite Campus located at DW Poppy Secondary			
Program Length and Dates	**What do you learn?**	**What do you leave with upon successful completion of the program?**	**What do you need to get into the program?**
1 semester 24-week program Feb to mid-July for grade 12 students	Skills and knowledge to start working in the electrical trade: Planning, assembling, installing, testing, repairing and maintaining electrical equipment and systems.	• BCIT's Electrical Foundation Certificate of Trades Training • 18 credits (6 courses) of secondary school graduation credit • Technical training for SkilledTradesBC Level 1 Apprenticeship Electrician	• genuine interest & drive to become an electrician • intention to graduate • commitment to learning the skills, knowledge & attitudes required to do well in this field • Foundations of Math 12 or Pre-Calc 12 & Physics 11, English Language Arts 12
Landscape Horticulture Apprenticeship partnered with KPU located at KPU Langley Campus			
Program Length and Dates	n? **Landscape Horticulturalist**	**What do you leave with upon successful completion of the program?**	d to get into the program?
1 semester 6 weeks of Level 1 training plus 13 weeks of paid work experience Feb – April For grade 11 & 12 students	Skills & knowledge needed to complete Level 1 Apprenticeship technical training. Included are botany, soils, plant identification, pest management & practical skills: to use equipment, to conduct basic engine maintenance, to calibrate fertilizer spreaders, to make pruning cuts and to work as part of a horticulture maintenance team.	• dual credit at the Gr. 12 level for 2 or 4 high school courses • credit for Level 1 Landscape Horticulture Apprenticeship • SkilledTradesBC registration • Kwantlen student transcript and registration	• good attitude and genuine interest • ability to learn through both "reading" & "doing" • physically able to do the work • English Language Arts 10 (2 modules required) & Math 10 • grade 10 completion recommended • desire to work and attend school during the semester

Professional Cook 1 partnered with VCC located at Walnut Grove Secondary School

Program Length and Dates	What do you learn?	What do you leave with upon successful completion of the program?	What do you need to get into the program?
2 Semesters Feb to following Jan For Grade 11 and 12 students Program runs Mon – Thurs 2:30 – 7:30PM plus work experience outside class time	Skills and knowledge required to succeed in a range of industries; including restaurants, hotels, institutional kitchens & catering operations. Substantial hands-on and theoretical knowledge to work effectively in a food service environment.	• credit for at least 6 high school courses (24 credits) in Cook Training and work experience • Certificate of Qualification – C of Q Professional Cook 1 SkilledTradesBC certification • VCC certificate • practical work experience in the field • SkilledTradesBC registration	• good attitude and genuine interest in working in the culinary industry • Ability to safely use knives and other related kitchen tools Entrance Requirements: • fully proficient in the English language • completion of Grade 11 • FoodSafe certification • one of the following school courses: Cafeteria or Cook Training, Food Studies 11/12 **OR** • paid or volunteer food preparation work in a restaurant, catering business or professional kitchen

Welding partnered with KPU located at KPU Cloverdale Campus

Program Length and Dates	What do you learn?	What do you leave with upon successful completion of the program?	What do you need to get into the program?
1 semester 28 week program Feb to mid-August For grade 11 and12 students	Skills and knowledge to start working as a welder: Using welding materials to weld metals; plan work from drawings or analyzing job tasks	• credit for seven high school courses (28 credits) • SkilledTradesBC technical training for Level 1 and 2 • SkilledTradesBC registration	• Grade 10 completion plus any Math 11 and English Language Arts 11 • prior electives and/or work experience in metal, electronics and/or auto • intention to graduate • genuine interest in welding • commitment to learning the skills, knowledge and attitudes required to be a successful welder

