

Grade 10 Literacy Assessment: Specifications

English Language Version





Table of Contents

7 Grade 10 provincial graduation assessments1
Purpose of the graduation assessments1
Use of information from the graduation assessments1
2 The Grade 10 Literacy Assessment2
Defining literacy4
Design4
Key features5
Respecting the cross-curricular nature of literacy5
Essential question6
Types of texts6
Assessment tasks6
Types of questions7
Depth of knowledge8
Specifications9
Structure
Components
Pre-assessment activities
Essential question – Activating thinking
Part A – Analyzing Texts and Communicating Understanding
Part B – Analyzing Texts and Communicating Personal Connections
Self-reflection
3 Reporting results13
References

Grade 10 provincial graduation assessments

The Grade 10 provincial graduation assessments require students to apply their numeracy and literacy skills in realistic contexts. Standards and expectations are set with the educated citizen in mind – that is, we ask what we should expect a Grade 10 student to know, do, and understand in a variety of contexts that require the application of literacy and numeracy skills.

Rather than assess specific course curricula, the Grade 10 graduation assessments – like the Programme for International Student Assessment (PISA) – measure the application of numeracy and literacy skills to realistic situations, requiring students to employ the competencies considered to be essential for future success. The Grade 10 graduation assessments look at students' ability to apply their knowledge and skills and to analyze, reason, and communicate effectively as they examine, interpret, and solve problems. Like PISA, these assessments also emphasize the importance of the context in which students should be able to use their skills (e.g., home, employment, society).

The Grade 10 provincial assessments of literacy and numeracy provide part of the information that supports the certification of graduation:

- Along with acquiring 80 course credits for graduation, students are required to complete provincial assessments in numeracy at Grade 10 and in literacy at Grades 10 and 12.
- Students have opportunities to rewrite the graduation assessments to set goals for improving their proficiency levels.

Purpose of the graduation assessments

The purpose of the assessments is to measure the extent to which students are literate and numerate and to provide students with information about their proficiency.

Use of information from the graduation assessments

The assessment instruments are not defined as formative or summative in nature; rather, information from the new graduation assessments can be used both summatively and formatively. Formative assessment (assessment *for* learning) and summative assessment (assessment *of* learning) can work together to improve student learning. For example, making formative use of summative assessment results involves using information drawn from a summative assessment to improve future student performance.



The terms 'formative,' 'diagnostic,' 'summative' and 'evaluative' are generally used as if they describe kinds of assessments, but of course the outcomes of the same assessment might be used to serve more than one function. These terms are therefore not descriptions of kinds of assessment but rather of the use to which information arising from the assessments is put.

(Wiliam, 2000, 2, citing Wiliam and Black, 1996)







The Grade 10 graduation assessment results:



can be used formatively or summatively to:

- support individual students by providing descriptive information for goal setting (i.e., using the information in the proficiency scale and the detailed student report to set new learning goals)
- provide additional information for educators, allowing them to identify areas of strength and weakness
- provide schools, districts, and the Ministry of Education with system-level information regarding the extent to which students are proficient in literacy and numeracy
- provide students with evidence of their literacy and numeracy skills for use after graduation
- describe the proficiency levels of subgroups of a population (e.g., Aboriginal students) for use by schools, districts, Ministry of Education, and key stakeholder groups
- help inform decision making at all levels of the educational system regarding performance in literacy and numeracy
- provide information for schools, districts, and the Ministry of Education regarding trends in performance over time

2 The Grade 10 Literacy Assessment

The design and development of the Grade 10 Literacy Assessment have been guided by advice received from the Advisory Group on Provincial Assessment (AGPA); recommendations from the Literacy 12 Assessment working group; consultation with educators from across British Columbia, post-secondary colleagues, and First Nations educators; and research on best practices in teaching and learning and large-scale assessment. The development teams of educators designing and reviewing the assessment come from a range of disciplines and perspectives, thereby representing the various contexts in which literacy is developed.

The Grade 10 Literacy Assessment represents a fundamental shift in large-scale assessment, as it aligns with key changes taking place in the provincial education system, as shown in Table 1. This shift includes becoming more technology based, measuring new constructs, looking at deeper thinking, using provincial assessment information in a formative way to inform student learning, and attempting to improve learning by providing more effective reporting (Bennett, 2018).





Table 1: Education directions

Education Direction	Implications for the Grade 10 Literacy Assessment
Core Competencies	The Core Competencies shape the design of and questions in the assessment, with particular emphasis on Communication, Creative Thinking, and Critical Thinking. The Personal and Social competencies are exemplified in questions requiring a written response and student self-reflection component of the assessment.
Personalization	The assessment offers students a choice of options for demonstrating their skills and abilities, thereby allowing them to better show what they know, understand, and are able to do, while maintaining rigorous provincial standards.
Deeper thinking	The assessment involves complex thinking and analysis skills. It looks at literacy skills through essential questions and asks students to comprehend and critically analyze a variety of reading materials, communicate their understanding, and make personal connections to these materials.
Student engagement	Assessment tasks, prompts, and stimuli are developed to be engaging and interactive in nature.
Cross-curricular skills	The assessment reflects the critical literacy skills acquired and applied across all areas of learning.
First Peoples	First Peoples content is contained in every assessment. The First Peoples Principles of Learning have helped shape the development of the assessment, and First Peoples texts are part of the assessment.
Collaboration	The assessment offers students an opportunity to interact with preassessment preparation materials and to collaborate with others.
Self-reflection	The assessment asks students to reflect on their performance on the assessment and to note particular aspects of their work.

The Grade 10 Literacy Assessment reflects these changes in the education system. It provides a technically sound and rigorous measure of foundational aspects of learning, in a manner that is inclusive and personalized, while providing detailed and relevant information for students, parents, and educators. Shaped by the Core Competencies and the First Peoples Principles of Learning, the Grade 10 Literacy Assessment measures the essential cross-curricular aspects of literacy – critically analyzing diverse texts and communicating with purpose and awareness – in an online interactive assessment.

There are two Grade 10 Literacy Assessments: one for the English program and one for the Francophone program. This document presents the Grade 10 Literacy Assessment for the English program.



Defining literacy

In B.C., literacy is considered cross-curricular in nature, and it is applied in various contexts and situations. The curricular competencies from areas of learning have informed the definition of literacy and shaped the structure and contents of the assessment. Educators with a broad range of teaching experience across areas of learning designed and developed the Grade 10 Literacy Assessment to reflect its cross-curricular nature.

The following definition of literacy is used to focus the Grade 10 Literacy Assessment:



Literacy is the ability to critically analyze and make meaning from diverse texts and to communicate and express oneself in a variety of modes and for a variety of purposes in relevant contexts.

Design

The Grade 10 Literacy Assessment uses an evidence-centred design (ECD). As shown in Figure 1, ECD focuses on:



making claims about student learning (what we want students to know, do, and understand) based on the purpose of the assessment



determining the evidence that needs to be demonstrated to provide support for the claims, and how this evidence will be analyzed and interpreted

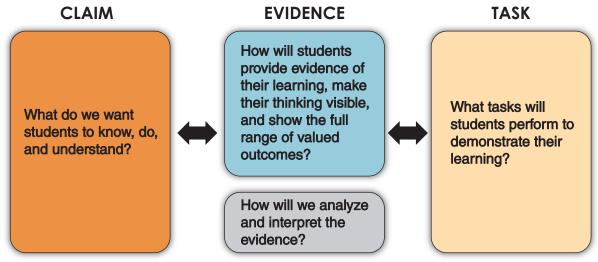


writing task specifications to create tasks that will allow students to demonstrate the depth of their learning





Figure 1: Evidence-centred design



(Adapted from Pellegrino, DiBello, & Brophy, 2014)

ECD strengthens the validity of assessments by:

- supporting the inclusion of tasks that elicit higher levels of cognitive processing
- enhancing score interpretation through the increasing comparability of assessment scores across multiple assessment forms (Lane & Iwatani, 2016; Riconscente, Mislevy & Corrigan, 2016)

Key features

Respecting the cross-curricular nature of literacy

All curriculum is designed to support the development of educated citizens, which includes developing literacy skills. These skills may include such diverse tasks as analyzing graphs or data typically found in Social Studies or Science contexts, interpreting statistics presented in an infographic, or responding critically to texts. Texts for the Grade 10 Literacy Assessment are selected from a broad range of curricular areas and students will incorporate various areas of learning in their responses.

Essential question

In the Grade 10 Literacy Assessment, an essential question provides a realistic context within which students apply their literacy skills. Examples of essential questions are:



- What role does diversity play in today's society?
- How can an individual make a difference in the world?

The essential question activates student thinking and links to the passages while mirroring good classroom practice.

The essential question will focus on **societal, scientific, or personal topics**. The topic of the essential question, along with other factors, guides the developers in the selection of texts included in the assessment.



Types of texts

By the time students are in Grade 10, they should be prepared to read and analyze many types of written, visual, and digital texts. To that end, the texts selected for use in the Grade 10 Literacy Assessment will range in complexity, as they do in school and in life. Texts selected for assessments include newspaper and magazine articles, online opinion blogs, social media feeds, anecdotal testimonials, instructions, websites, brochures, maps, charts, graphs, tables, and infographics. Texts are both continuous and non-continuous in nature and include literary and informational texts.

As noted above, the essential question also influences the selection of texts. To respect the cross-curricular nature of literacy, the texts reflect broad areas of learning, such as Language Arts, Science, Social Studies, and Mathematics. Teachers from across the province representing different subject areas select texts according to pre-established guidelines. Assessments include texts written by and about First Peoples. Texts are screened by experts who analyze them for bias and other social considerations.

Assessment tasks

Students demonstrate their learning through two key tasks on the Grade 10 Literacy Assessment: Analyzing and Making Meaning from Texts (Comprehend) and Communicating Understanding of Texts/Making Personal Connections (Communicate). For example, in Part A, after responding to a number of texts related to the essential question, students will respond to a writing prompt, such as, "To what extent do humans have control over the natural world?" Students will be asked to communicate their depth of insight into, or understanding of, the topic. They will support their argument with reference to the texts in the section and may also draw upon their own experiences and knowledge.

Types of questions

The assessment tasks will include a variety of selected- and constructed-response questions. Selected-response questions provide answer choices and are machine scored. Constructed-response questions require written communication and are marked by teachers using holistic scoring rubrics.

Table 2: Types of questions

Types of Questions	Description		
Selected-response*	in which students:		
Hot spot	select the desired spot on the screen		
Labelling	drag and drop the correct labels to graphs, maps, or graphics		
Sequencing	arrange ideas in logical sequence by dragging them into place		
Multiple-choice	select radio buttons, from several choices, for either single or multiple correct responses		
Images	select the appropriate picture or illustration		
Matching	drag and drop elements into a desired position, such as into a table		
Drop-down menu	select responses from drop-down menus		
Constructed-response	in which students:		
Graphic organizer	communicate their understanding of the texts through a graphic organizer that extends across the texts and requires that they critically analyze and synthesize the presented materials		
Extended writing about texts	communicate in writing their critical reading and understanding of the texts as they relate to a specific facet of the essential question with defined purpose and in a relevant context		
Extended writing to make personal connections	incorporate a personal connection, bringing their own knowledge, experiences, and creative notions to a piece of written communication that addresses an aspect of the essential question within the part of the assessment the student has selected		

^{*}The selected-response question types are examples only; additional question types may be included in the Grade 10 Literacy Assessment.

Depth of Knowledge

The cognitive rigour of each of the guestions on the Grade 10 Literacy Assessment is described using Webb's Depth of Knowledge (DOK). Webb's DOK categorizes tasks into four levels, based on the complexity of thinking required. The assessment includes questions written to and classified across the first three DOK levels. (Level 4 is not used in the assessment, as it cannot be measured in the assessment's limited time frame.)

The questions on Analyzing and Making Meaning from Texts (Comprehend) range from DOK levels 1 to 3; questions on Communicating and Understanding of Texts/Making Personal Connections (Communicate) are at DOK level 3. Table 3 illustrates the types of questions found on the assessment across the three DOK levels.

Table 3: Types of questions across three DOK levels

Level 1 Level 2 Level 3 The student is able to locate The student shows initial The student applies knowledge or retrieve information from comprehension, understands to go beyond the text to explain, generalize, and connect ideas the texts and record facts important concepts, begins to and ideas. (Student connect ideas using an to support thinking and make responses require literal organizational structure, and has interpretations. Ideas are understanding of text.) some sense of purpose and complex and demonstrate context. synthesis and analysis. make basic inferences and explain, generalize, connect recall, recognize, or locate basic facts that are explicit predictions ideas using supporting in the texts evidence summarize results, concepts, define terms make inferences about explicit ideas Texts Communicating Making Meaning Communicating or implicit themes select appropriate words specify, explain, show when intended meaning is relationships (e.g., why, causeapply a concept in a new clearly evident effect) context describe/explain who, what, identify main ideas justify or critique conclusions when, where, how make accurate generalizations analyze interrelationships among concepts, issues, locate information in a graph of texts problems identify specific information interpret information from text contained in graphic use reason, planning, features representation or text evidence to support inferences distinguish relevant/irrelevant features cite evidence; develop logical information, fact/opinion order a sequence of events argument for conjectures apply organizational structures match instructional steps to integrate ideas and categorize elements of a plan a given diagram information to show make a recommendation based understanding brainstorm ideas, concepts, on the texts problems, or perspectives describe, compare, contrast predict an outcome based on related to a topic solution the texts synthesize information organize, order, or interpret verify reasonableness of results: information from a simple graph develop an alternative solution analyze or interpret author's craft (literary devices, viewpoint, or potential bias) to critique a text determine the author's purpose and describe how it

(Adapted from Hess, 2009, and Webb, 2002)

reading selection

affects the interpretation of a



Specifications

The Grade 10 Literacy Assessment requires students to demonstrate their abilities through two key literacy tasks: analyzing and making meaning from texts (Comprehend), and communicating their understanding of texts and making personal connections (Communicate). Table 4 identifies the proportion of these two task types.

Table 4: Key tasks

Comprehend: Analyzing and Making Meaning from Texts (assessed with a diversity of online machine-scored selected-response questions)	50%
Communicate: Understanding of Texts/Making Personal Connections (assessed with teacher-scored online constructed-response questions)	50%

Table 5 provides more detail on how the key aspects of literacy are reflected across the parts of the assessment and in relation to question types and DOK levels. It shows the two different parts of the assessment on which student performance is scored. All students are required to complete Part A. They analyze various texts and respond to two constructed-response questions, communicating their understanding of the texts. Part B invites students to select from one of two choices, based on their personal preference. Both choices in Part B provide unique texts related to the essential question and require students to respond in various ways to the texts. Students are then asked to communicate their own ideas, making personal connections with a topic directly linked to the essential question.

The specifications identify the number of points and percentages for each part of the assessment. Selected-response questions (which include a large variety of online machine-scored questions designed to be engaging) are used to assess the literacy skills of analyzing and making meaning from the texts. Constructed-response questions (online, teacher-marked, written-response questions) measure communication. The number of points in each section is shown across three Depth of Knowledge (DOK) levels, with the constructed-response questions at DOK 3.

The structure of the Grade 10 Literacy Assessment, described in the next section, provides additional detail on aspects of the assessment, the recommended time allocated for each part, and how the parts fit together.

Table 5: Grade 10 Literacy Assessment Table of Specifications

		Depth of Knowledge 1	Depth of Knowledge 2	Depth of Knowledge 3	Value
	Analyzing and Making Meaning	Selected response	Selected response	Selected response	25%
		5 points	5 points	5 points	
PART A (All students complete this part)	Communicating			Constructed response (graphic organizer) 6 points	10%
	Understanding of Texts			Constructed response (written response)	20%
PART B (Students choose from two options)	Analyzing and Making Meaning	Selected response 5 points	Selected response 5 points	Selected response 5 points	25%
	Communicating Personal Connections	-		Constructed response (written response) 12 points	20%

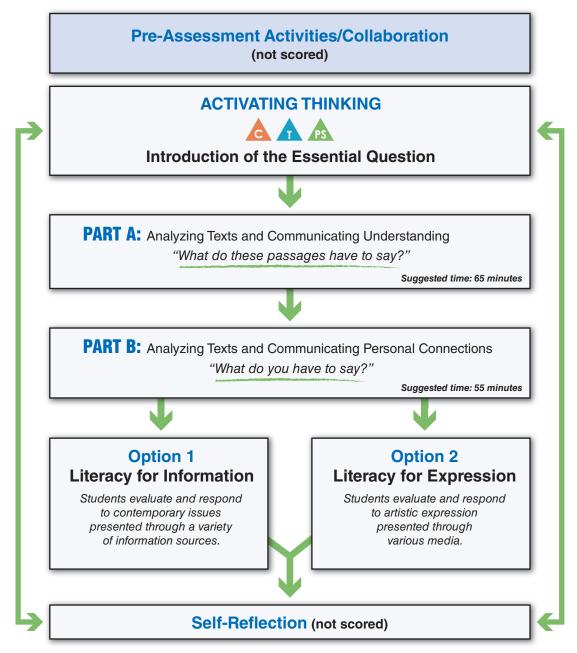
Structure

The structure of the Grade 10 Literacy Assessment includes preparation activities, an essential question, a common component, a choice component, and a student self-reflection section. The structure is designed to mirror effective practices in learning, whereby students may prepare collaboratively, activate their thinking, exercise choice, and reflect on their learning.

As noted in Figure 2, the Grade 10 Literacy Assessment is designed to be completed in approximately two hours, although some students may require additional time. Descriptions of each assessment component are provided after the figure.



Figure 2: Grade 10 Literacy Assessment structure



Students may move back and forth through the entire assessment at any time, but only through their chosen pathway.



Components



Pre-assessment activities

Purpose: The pre-assessment activities provide opportunities for students to collaborate or to work individually in preparing for the Grade 10 Literacy Assessment.

Description: Activities include sample assessments, student exemplars, and instructional videos, designed to provide clarity of purpose and understanding of expectations.

Benefit: Familiarizes students with the structure of the assessment and the types of responses required.



Essential question - Activating thinking

Purpose: The essential question provides the context for the entire assessment and engages students' thinking as they proceed through Parts A and B.

Description: Students activate their thinking, guided by prompts and opportunities to consider the essential question, ideas related to it, and what it means to them.

Benefit: Activates students' prior knowledge and prepares them to think deeply and broadly as they begin the assessment.



Part A – Analyzing Texts and Communicating Understanding

Purpose: Part A assesses students' ability to analyze and demonstrate their understanding of texts.

Description: Students answer a series of selected-response questions related to the texts, respond to a graphic organizer question, and produce a piece of writing in response to the texts. The texts and questions relate to the essential question.

Benefit: Engages students in critically analyzing and communicating their understanding of texts.



Part B – Analyzing Texts and Communicating Personal Connections

Purpose: Part B assesses students' ability to analyze and respond personally to texts.

Description: Students are offered a choice of texts. Each option is composed of comparable reading and communicating tasks, is equal in rigour, and relates to the essential question. Students are presented with specific descriptions of the required tasks in each option before they are asked to make their choice. In both options, students answer a series of selected-response questions to the texts before producing a piece of writing in which they make personal connections. Option 1 focuses on Literacy for Information and includes a variety of information-based texts. Option 2 focuses on Literacy for Expression and includes a variety of



texts emphasizing various forms of artistic expression. While these options afford students choice in the types of texts presented, both are equal in expectations and levels of difficulty and are scored with the same scoring rubric.

Benefit: Students can choose the texts that appeal to their interests or strengths.



Self-reflection

Purpose: Self-reflection encourages students to think about their work within the assessment.

Description: Questions guide students to reflect on:

- · their strengths
- the processes they used to prepare for and complete the assessment
- the accuracy and comprehensiveness of their responses

Benefit: Students reflect on their work on the assessment and provide feedback to the assessment developers.

3 Reporting results

Provincial graduation assessments use a four-level proficiency scale for reporting student achievement results. Students receive an overall score based on all of their responses and these results placed in one of four levels of the Proficiency Scale (Figure 3). The standards (cut points) for the proficiency scale have been established through the professional judgment of educators and are set through detailed analysis of student responses by a standard-setting panel.

The Grade 10 Literacy Assessment results will be reported on students' transcripts with a "requirement met" indicator only. The Grade 10 assessment results are intended to be used in a formative way leading to the Grade 12 Literacy Assessment. A student's proficiency level and detailed information will be available through the StudentTranscripts Service (STS). District and school-based administrators will access results through the School Secure Web (SSW).

Figure 3: Proficiency Scale

	Emerging	Developing	Proficient	Extending
Proficiency Scale	The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

Individual student results accessed through the StudentTranscripts Service (STS) and the Secure School Web (SSW) provide more detailed feedback about student achievement on the Grade 10 Literacy Assessment.

The results from the standard-setting panel informed the Grade 10 Literacy Assessment Proficiency Scale in Figure 4. The panel consisted of educators from across the province who used field test data and student responses to create the descriptive information of what students can do at each level: "emerging," "developing," "proficient," or "extending" in relation to the assessment. This information allows students to see where they have progressed in their learning. Teachers and students can use this information to formulate plans for future learning.

Figure 4: Grade 10 Literacy Assessment Proficiency Scale

	gure 4: Grade To Efferacy Assessment Proficiency Scale					
	Emerging	Developing	Proficient	Extending		
Proficiency Scale	Student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning. Specifically, they can do the following: • retrieve and attempt to apply information from texts • respond to texts in an attempt to make meaning • critically or creatively express ideas in a brief manner with little evidence • use some conventions of language; errors impede meaning	Student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning. Specifically, they can do the following: • comprehend and apply information from texts • analyze texts in a literal or superficial way • critically or creatively express ideas in a limited manner with partial evidence • generally use conventions of language appropriate to audience and purpose; errors are distracting	Student demonstrates a complex understanding of the concepts and competencies relevant to the expected learning. Specifically, they can do the following: • critically analyze and synthesize information from texts • interpret texts to develop logical conclusions • critically or creatively express ideas in an organized and developed manner with relevant evidence • consistently use conventions of language appropriate to audience and purpose; some errors may be present	Student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning. Specifically, they can do the following: • critically evaluate and synthesize information from texts • fully interpret texts to develop insightful conclusions • critically or creatively express ideas in a thoroughly developed manner with convincing evidence • skillfully use conventions of language appropriate to audience and purpose; need not be error free		



References

Bennett, R. (April 2018). *Educational assessment: What to watch in a rapidly changing world.* Session presented at the annual meeting of the National Council on Measurement in Education, New York.

Darling-Hammond, L., Herman, J., Pellegrino, J., Abedi, J., Aber, L., Baker, E., ... Steele, C. M. (2013). *Criteria for higher-quality assessment*. Stanford Center for Opportunity Policy in Education, Stanford University; Center for Research on Student Standards and Testing, University of California at Los Angeles; and Learning Sciences Research Institute, University of Illinois at Chicago. Retrieved from https://www.hewlett.org/wp-content/uploads/2016/08/Criteria for High Quality Assessment June 2013.pdf

Duncan, J., & O'Connor, M. (n.d.). *Reading critically*. Scarborough, ON: Writing Centre, University of Toronto Scarborough. Retrieved from https://www.utsc.utoronto.ca/twc/sites/utsc.utoronto.ca.twc/files/resource-files/CriticalReading.pdf

Hess, K. K. (2009). Hess' Cognitive rigor matrix and curricular examples: Applying Webb's depth-of-knowledge levels to Bloom's cognitive process dimensions. Retrieved from http://static.pdesas.org/content/documents/M1-Slide_22_DOK_Hess_Cognitive_Rigor.pdf

Lane, S., & Iwatani, E. (2016). Design of performance assessments in education. In S. Lane, M. R. Raymond, & T. M. Haladyna (Eds.), *Handbook of test development* (2nd ed.) (pp. 274–293). New York, NY: Routledge.

Lee, C. D., & Spratley, A. (2010). Reading in the disciplines: The challenges of adolescent literacy. New York, NY: Carnegie Corporation of New York. Retrieved from https://www.carnegie.org/media/filer_public/88/05/880559fd-afb1-49ad-af0e-e10c8a94d366/ccny_report_2010_tta_lee.pdf

Magnusson, K., & Frank, B. (2015). *The Advisory Group on Provincial Assessment: The graduation learning years – Final report*. Retrieved from https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/pdf/agpa-final-report.pdf

Pellegrino, J. W., DiBello, L. V., & Brophy, S. P. (2014). The science and design of assessment in engineering education. In A. Johri and B. M. Olds (Eds.), *Cambridge handbook of engineering education research* (ch. 29). Cambridge, UK: Cambridge University Press.

PIAAC Literacy Expert Group. (2009) PIAAC literacy: A conceptual framework (OECD Education Working Papers, No. 34). Paris: OECD Publishing. http://dx.doi.org/10.1787/220348414075

Programme for International Student Assessment. (2016). PISA 2018 – Draft Reading Literacy Framework. In *PISA 2018 – Draft analytical frameworks*. Paris: OECD Publishing. Retrieved from https://www.oecd.org/pisa/data/PISA-2018-draft-frameworks.pdf

Riconscente, M. M., Mislevy, R. J., & Corrigan, S. (2016). Evidence-centered design. In S. Lane, M. R. Raymond, & T. M. Haladyna (Eds.), *Handbook of test development* (2nd ed.) (pp. 40–63). New York, NY: Routledge.

Snow, C. (2002). Reading for understanding: Toward an R & D program in reading comprehension. Santa Monica, CA: RAND. Retrieved from https://www.rand.org/content/dam/rand/pubs/monograph_reports/2005/MR1465.pdf





Webb, N. L. (2002). *Depth-of-knowledge for four content areas*. Retrieved from http://www.hed.state.nm.us/uploads/files/ABE/Policies/depth_of_knowledge_guide_for_all_subject_areas.pdf

Wiliam, D. (2000). *Integrating formative and summative functions of assessment*. Paper presented to Working Group 10 of the International Congress on Mathematics Education, Tokyo, August 2000.

Wiliam, D., & Black, P. (1996). Meanings and consequences: A basis for distinguishing formative and summative functions of assessment? *British Educational Research Journal*, 22, 537–548.