



North Surrey Numeracy and Literacy Assessment Information 2019

- All Grade 10 Students **MUST WRITE BOTH** the provincial Numeracy and Literacy Assessment in January of 2020.
- Grade 11 and 12 students **MUST WRITE** the provincial Numeracy Assessment if they have not already done so.

Exam Schedule

November 5, 2019	Numeracy Assessment: <u>Grade 12 students</u> who have not yet written Location: Library Lab, exam begins 12:00pm Students will be excused from their regularly scheduled classes
January 23 & 24, 2020	Numeracy and Literacy Assessments for all Grade 10 students Location: All computer labs (students will be notified of dates and times)
April 14-17, 2020	Numeracy Assessment: <u>Grade 11 students</u> who have not yet written Location: Library Lab (students will be notified of exact dates and times)

GRADUATION NUMERACY ASSESSMENT

Why is there a new Graduation Numeracy Assessment?

Students face high demands in today's complex world and have more opportunities and challenges than ever. Universities, colleges and employers tell us they are looking for a new type of graduate—one with strong critical-thinking and problem-solving skills. It is our job to equip BC students to compete on a global scale, so our curriculum is being modernized and our assessments are being updated to align with the new curriculum. The Numeracy Assessment is a key part of this new framework.

Past exams were a one-size-fits-all approach, with largely multiple-choice formats assessing a student's knowledge based on content and facts.

The new Graduation Numeracy Assessment has a more interactive and engaging format. It assesses understanding, application of knowledge and deeper learning, and has students apply mathematical reasoning learned throughout their education.



What does the Graduation Numeracy Assessment look like?

The assessment is based on mathematical concepts learned across multiple subjects from kindergarten to Grade 10, with an emphasis on K–9. Students will encounter questions prompting them to use the five numeracy processes: Interpret, Apply, Solve, Analyze, and Communicate. They will also encounter student-choice components. These are deeper questions that will require students to provide detailed explanations to justify their thinking and present their mathematical solutions in context.

The assessment itself is delivered online and has three essential components:

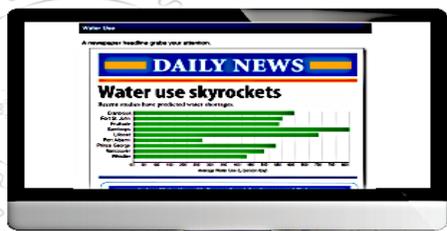
Common component: 24 questions answered online by all students

Student-choice component: 2 long-response questions answered on paper. These questions stem out of the information and work the student will have completed in the common component. Students get to pick 2 of 4 possible questions, based on their interest, and take their analysis deeper.



What is "numeracy"?

Just as we must enable students to become literate, we must also enable them to become numerate. For the purpose of the Numeracy Assessment, numeracy is defined as the ability, willingness, and perseverance to interpret and apply mathematical understanding to solve problems in contextualized situations, and to analyze and communicate these solutions in ways relevant to the given context.



Self-reflection component: answered online (not marked)

There are also pre-assessment activities for students to explore ahead of time and activate their thinking, such as the sample assessment and the collaborative-learning videos explaining the five numeracy processes.



Quick Facts

- The Numeracy Assessment is a new provincial assessment and a graduation requirement for students on the 2018 Graduation Program (all students except for this year's Grade 12s).
- Students will write the assessment during their graduation years (Grades 10–12) at the most appropriate time for them. The assessment sessions start in January 2018.
- Unlike the retired Mathematics 10 Provincial Exams, the Numeracy Assessment is not tied to a specific math course. Rather, it evaluates a student's numeracy skills developed over the course of their education.
- Results will be reported using a four-category proficiency scale and will appear on a student's transcript as a number, representing one of the four categories (emerging-developing-proficient-extending).
- Students will have two opportunities to rewrite during their graduation years should they wish to increase their proficiency. Results will appear on [Student Transcripts](#) and their best outcome will be recorded on their final transcript.
- The Numeracy Assessment typically requires two hours to complete; however, students may use a third hour if they require the extra time.

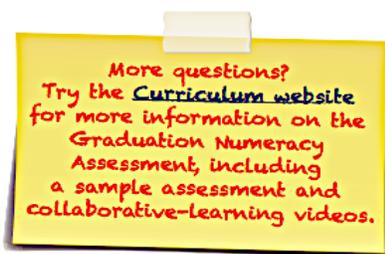
What do the proficiency scale categories look like?

Proficiency Scale	Emerging	Developing	Proficient	Extending
	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.

Will results affect entrance into post-secondary institutions?

It is possible post-secondary institutions may use results as value-added information when determining admission requirements. Institutions are currently in the process of reviewing their admission processes to align with changes to the K–12 education system.

Employers may also be interested in a student's assessment results, as evidence of their achievement in numeracy.



The Grade 10 Graduation Literacy Assessment

The Grade 10 Graduation Literacy Assessment (GLA 10) assesses students' ability to use critical thinking and analysis to make meaning from diverse examples of text. It also assesses the ability of students to communicate their ideas.

The GLA 10 is delivered online and has three parts:

- **Part A** (all students complete this part): Students will read several different types of texts (eg. Blogs, infographics, newspaper or magazine articles, social media feeds, and stories). Students will demonstrate that they can analyze and make meaning from the texts by answering a series of selected-response questions. They will then provide written responses to communicate their understanding.
- **Part B** (students choose one or two options): After choosing one option students will read a new set of texts. Again they will demonstrate they can analyze and make meaning of the texts by answering selected-response questions. They will then provide written responses to communicate personal connections.
- **Self-reflection component:** These questions ask students to reflect on their experience with the assessment. This component is not marked.

The Grade 10 Graduation Literacy Assessment results will be reported on students' transcripts with a "requirement met" indicator only

[Check out a sample here!](#)

FAQs

What if I don't have math or English this semester?

All grade 10s will write the assessments in January on the 23rd and 24th during the completion days, whether you have a math or English course or not. The exam itself is not directly tied to any course mark. Any grade 12s who have not yet written the Numeracy assessment, will write in November and Grade 11s who have not yet written will write in April.

How do I prepare?

Talk to your current or last semester teacher, talk to your counsellor or vice principal and go to the Ministry Website for detailed information, including: Pre-assessment Activities, Videos, and Online Sample Exams. The Numeracy Assessment information can be found here:

<https://curriculum.gov.bc.ca/assessment/numeracy-assessment>

The Literacy Assessment information can be found here:

<https://curriculum.gov.bc.ca/assessment/literacy-assessment/gla-10>

Will the results be included on my transcript?

Yes. The Numeracy Assessment will use a four point proficiency scale (see below) and the Literacy Assessment will only indicate Requirement Met, if completed. Both assessments are also a requirement of graduation.

Can I rewrite the assessments if I want to improve my results?

Yes, students can re-take the Numeracy Assessment to improve their proficiency score. The best level achieved will be counted as the final result.