



**Mathematics 7**

The Grade 7 Mathematics Curriculum in Nova Scotia puts the emphasis on particular key concepts at each grade that will result in greater depth of understanding and, ultimately, stronger student achievement.

Areas of study:

1. Number
2. Patterns and Relationships
3. Measurement
4. Geometry
5. Statistics and Probability

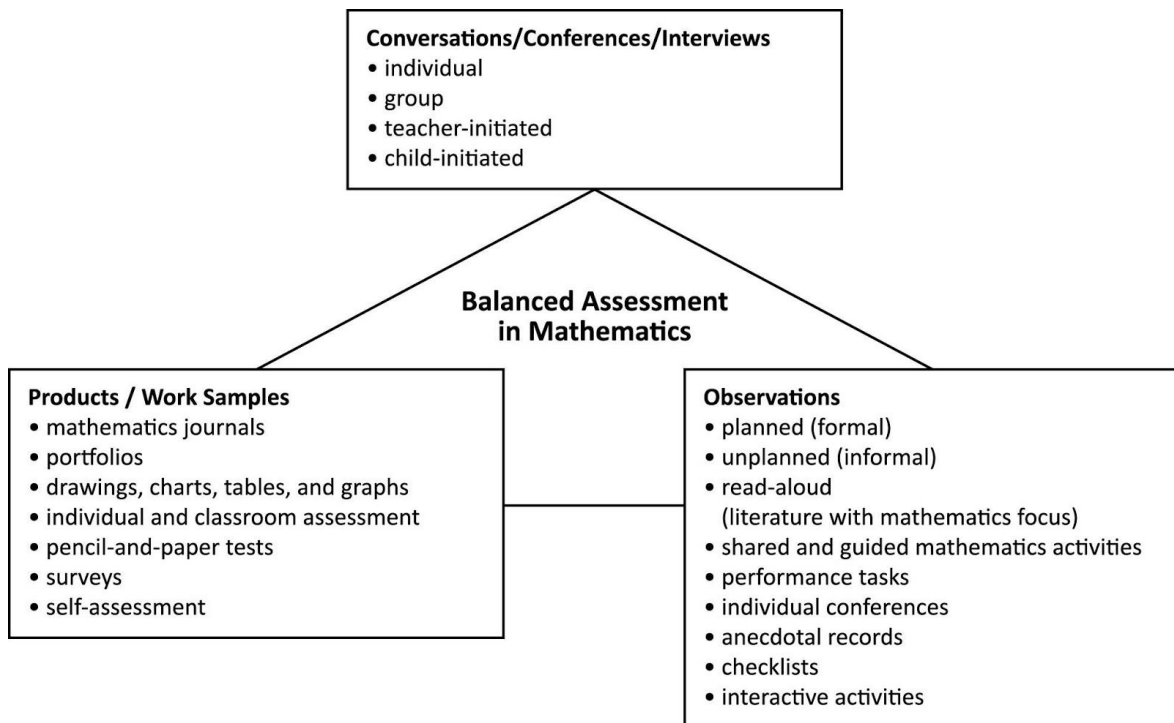
Text: Mathematics 7

eText Access: [www.pearsoncanada.ca/etext](http://www.pearsoncanada.ca/etext)

eText App: Pearson eText Canada

UserName/Passwords will be provided

Assessment and Evaluation: Balanced assessment in Mathematics involves a wide variety of assessment. The results of these assessments guide my instruction and provide feedback to the students to guide their learning. Assessments may include:



Report Cards: A percentage grade, based on collected evidence throughout the term, will be provided.

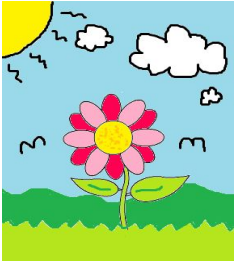
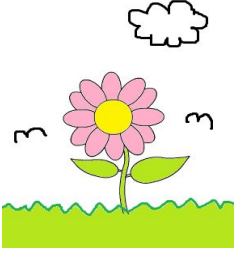
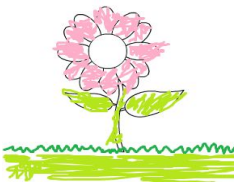

Descriptor	Excellent understanding and application	Very good understanding and application	Good understanding and application	Satisfactory understanding and application	Minimal understanding and application	Has <b>not met</b> the minimal requirements
Grade Ranges	90-100%	80-89%	70-79%	60-69%	50-59%	Below 50%

Missed due dates: As per the HRSB Assessment Policy: All assignments will have reasonable due dates. In the event that a due date for an assignment is missed, it will be at the discretion of the teacher and principal to extend the deadline.

**Students who do not adhere to the extended deadline will have missed that opportunity to demonstrate achievement towards the outcomes addressed in that assignment.**

<b>Homework:</b> Homework has one or more of the following three purposes:
<b>Prepare</b> information or materials for future learning activities (e.g., gather resources, read something for a class discussion, or rehearse for a presentation).
<b>Practice</b> new knowledge or new skills (e.g., read for pleasure, practice physical skills, practice a musical instrument, use new knowledge to complete a project, or practice basic literacy and math skills).
<b>Enrich</b> students' understanding of a topic and apply it in new ways (e.g., research local news, investigate a science experiment, write daily or weekly reflections in a journal, or apply skills to a class project).

**Rubrics:** The number grade indicates the degree to which a student has demonstrated the expected learning outcomes.

	<p><b>4</b> The student demonstrates <u>in-depth</u> understanding of the outcome and is able to extend the application of related skills to a variety of contexts.</p>	<ul style="list-style-type: none"> <li>● <b>All work</b> is <b>clearly</b> shown.</li> <li>● The answer demonstrates <b>clear</b> and <b>complete understanding</b> of the outcome(s)</li> <li>● All answers are <b>correct</b>, show <b>logical reasoning</b> and valid conclusions.</li> <li>● Additional information may be included that is above and beyond what was expected.</li> <li>● There may be a minor calculation error/transposition of numbers</li> </ul>
	<p><b>3</b> The student demonstrates <u>competent</u> understanding of the outcome and appropriate application of skills.</p>	<ul style="list-style-type: none"> <li>● <b>Work</b> is <b>clearly</b> shown.</li> <li>● The answer demonstrates <b>understanding</b> of the outcome(s)</li> <li>● Most answers are <b>correct</b>, but there may be <b>minor calculation errors</b> that do not interfere with the reasonableness or completeness of the answer.</li> </ul>
	<p><b>2</b> The student demonstrates <u>developing</u> understanding of the outcome but is not quite there yet</p>	<ul style="list-style-type: none"> <li>● <b>Work</b> is <b>not</b> clearly shown.</li> <li>● The answers do <b>not</b> demonstrate a <b>clear</b> understanding of the outcome(s)</li> <li>● Some answers are <b>correct or partly correct</b>, but there are <b>errors</b> that interfere with the reasonableness or completeness of the answer.</li> </ul>
	<p><b>1</b> The student demonstrates <u>limited</u> understanding of the outcome and application of skills.</p>	<ul style="list-style-type: none"> <li>● <b>Work</b> is <b>not complete</b> or <b>not attempted</b>.</li> <li>● The answers demonstrate <b>little or no</b> understanding of the outcome(s)</li> <li>● No answers are <b>correct or partly correct</b></li> <li>● The answers are incomplete</li> <li>● The answer is <b>correct</b>, <u>but there is no work done to show how it was reached.</u></li> </ul>