

Grade 5 Mathematics Assessment Blueprint

The *Grade 5 Mathematic Assessment* consists of selected-response items based on the commonalities between the *Mathematics Grade 5 Curriculum (priority)* and *Elementary Block Mathematics Grade 5*. Students read the questions and respond to all items through the online assessment platform. Students have 60 minutes to complete the assessment with an additional 60 minutes offered as a universal accommodation. Items for the assessment are written and selected by a committee of New Brunswick educators.

New Brunswick provincial mathematic curriculum K – 9 is divided into 4 strands: Number, Statistics & Probability, Patterns & Relations, and Shape & Space. Additionally, each strand is subdivided into Big Ideas (General Curriculum Outcomes). Three levels of cognitive processes are used: knowledge, skills & concepts, and reasoning. Item selection committees design items that measure students’ skills (specific outcomes) using all three levels.

Mathematics Grade 5 Assessment Targets		
Strands	Big Ideas (GCOs)	Targeted Percentages
Number	Number Sense Operations	70%
Patterns & Relations	Algebra	10%
Shape & Space	Measurement	10%
Statistics & Probability*	Data Analysis	10%
Cognitive Processes	Knowledge	35%
	Skills & Concepts	45%
	Reasoning	20%

**Note: Statistics & Probability will use Grade 4 Priority Outcomes due to a lack of commonalities in this strand for Grade 5.*

For further information about Grade 5 Mathematics see the [Mathematics Grade 5 Curriculum](#), the [Mathematics Grade 5 French Immersion Curriculum](#) or [Elementary Block Mathematics Grade 5](#).