

Newfoundland Curriculum Outcomes That Align with SucSeed

Grade 6

Grade 6 - Mathematics

- 6N1.2 Provide examples of where large and small numbers are used; e.g., science
- 6N2 Solve problems involving whole numbers and decimal numbers.
- 6N4.4 Translate a given mixed number between pictorial and concrete forms
- 6N5.1 Write a ratio from a given concrete or pictorial representation.
- 6N5.4 Provide a concrete or pictorial representation for a given ratio.
- 6N5.5 Identify and describe ratios from real-life contexts, and record them symbolically.
- 6N6.3 Use concrete materials and pictorial representations to illustrate a given percent.
- 6N6.4 Record the percent displayed in a given concrete or pictorial representation.
- 6N6.5 Identify and describe percents from real-life contexts, and record them symbolically.
- 6PR1.1 Create a concrete or pictorial representation of the relationship shown in a table of values.
- 6PR1.3 State, using mathematical language, the relationship in a given table of values.
- 6PR1.2 Describe the pattern within each column of a given table of values.
- 6SS1 Demonstrate an understanding of angles by:
 - identifying examples of angles in the environment
 - estimating the measure of angles, using 45° , 90° and 180° as reference angles
 - determining angle measures in degrees
 - drawing and labeling angles when the measure is specified.
- 6SS1.1 Provide examples of angles found in the environment.
- 6SS1.6 Draw and label a specified angle in various positions, using a protractor

- 6SS2.1 Explain, using models, that the sum of the interior angles of a triangle is the same for all triangles.
- 6SS4.4 Replicate a given triangle and show that the two are congruent.
- 6SP1.2 Determine whether a given set of data can be represented by a line graph (continuous data) or a series of points (discrete data), and explain why
- 6SP1.3 Create a line graph from a given table of values or a given set of data.
- 6SP3.1 Determine an appropriate type of graph for displaying a set of collected data, and justify the choice of graph.
- 6SP3.2 Solve a given problem by graphing data and interpreting the resulting graph.

Grade 6 - Science

- GCO1
 - 28.0 demonstrate that specific terminology is used in science and technology contexts
 - 35.0 compare tools, techniques, and scientific ideas used by different people around the world to interpret natural phenomena and meet their needs
 - 37.0 describe scientific and technological achievements that are the result of contributions by people from around the world
 - 38.0 describe examples of improvements to the tools and techniques of scientific investigation that have led to new discoveries
 - 40.0 describe instances where scientific ideas and discoveries have led to new inventions and applications
 - 51.0 compare past and current needs, and describe some ways in which science and technology have changed the way people work, live and interact with the environment
 - 52.0 provide examples of how science and technology have been used to solve problems around the world
 - 61.0 describe examples of scientific questions and technological problems that have been addressed differently at different times
 - 62.0 describe the potential impact of the use by humans of regional natural resources

- 65.0 describe how personal actions help conserve natural resources and protect the environment in their region
- 76.0 identify examples of careers in which science and technology play a major role
- GCO3
 - 31.0 demonstrate how Earth's rotation causes the day and night cycle and how Earth's revolution causes the yearly cycle of seasons
 - 60.0 identify various methods by which electricity can be generated
 - 63.0 identify and explain sources of electricity as renewable or nonrenewable
 - 66.0 identify and explain different factors that could lead to a decrease in electrical energy consumption in the home and at school
 - 67.0 identify and explain the dangers of electricity at work or at play