

SucSeed Curriculum Outcome Links

New Brunswick

Grade 4

- Science
 - o GCO 1
 - SCO 1.1 Students will plan investigations asking questions, making inferences, and selecting and using equipment or technology needed to solve a specific problem in the natural world.
 - Weathering and soil formation: Weathering (breakdown), erosion (transportation), and decomposition of plant and animal remains
 - Physical properties: Texture, colour, porosity, capacity to hold water, ability to support growth of plants
 - o I can ask questions about familiar objects and events that lead to simple investigations.
 - o I can make predictions, based on prior knowledge about objects and events
 - SCO 1.2 Students will collect data by observing and measuring, using tools and methods appropriate for the task.
 - Weathering and soil formation: Weathering (breakdown), erosion (transportation), and decomposition of plant and animal remains
 - Physical properties: Texture, colour, porosity, capacity to hold water, ability to support growth of plants
 - o I can suggest a plan for how to carry out an inquiry.
 - o I can carry out a procedure to test a prediction, answer a question / solve a problem.
 - o I can use materials and equipment to test predictions to answer the question.
 - o I can use materials and equipment to create a solution to the problem statement.
 - o I can collect data using various methods. I can use tools and materials to build a prototype.
 - o I can record data using formal measurements (where appropriate).
 - o I can use descriptive words to record my observations.
 - SCO 1.4 Students will communicate valid conclusions supported by data in writing, by drawing pictures, and through verbal discussion.
 - Weathering and soil formation: Weathering (breakdown), erosion (transportation), and decomposition of plant and animal remains
 - Physical properties: Texture, colour, porosity, capacity to hold water, ability to support growth of plants

- o I can connect explanation to scientific knowledge and experience / technological knowledge and experience.
 - o I can use appropriate conventions, and science and technology vocabulary that others understand.
 - o I can communicate procedure, result, and conclusion a variety of media.
 - o I can communicate how the problem was solved using a variety of media.
- o GCO 2
 - SCO 2.1 Students will consider factors that support responsible application of scientific and technological knowledge and demonstrate an understanding of sustainable practices.
 - Conservation
 - Stewardship
 - o I can describe ways of using Earth's materials to make useful objects.
 - o I can identify interactions between humans and Earth that are sustainable.
 - o I can describe how Earth's materials are replenished.
 - o I can identify human behaviours that can lead to responsible use of Earth materials.
- Mathematics
 - o Grade 4 math focuses on multiplication, division, and mental math strategies.
Little to no overlap with SucSeed objectives
- Social Studies
 - o Unit 3: Exploring our world
 - 4.3.3 Examine the relationship between humans and the physical environment
- Health
 - o GCO 1
 - SCO 1.1 examine the benefits of healthy eating and physical activity for a healthy lifestyle