

British Columbia Learning Standards > Science (2015)**British Columbia**

Grade 2

☰ *All living things have a life cycle.*

- **BrainPOP Jr. Plant Life Cycle**
- **BrainPOP Asexual Reproduction**
- **BrainPOP Metamorphosis**

British Columbia Learning Standards > Science (2015)**British Columbia**

Grade 2

☰ *Materials can be changed through physical and chemical processes.*

- **BrainPOP Jr. Physical and Chemical Changes**
- **BrainPOP Property Changes**

British Columbia Learning Standards > Science (2015)**British Columbia**

Grade 2

☰ *Forces influence the motion of an object.*

- **BrainPOP Jr. Pushes and Pulls**
- **BrainPOP Jr. Simple Machines**
- **BrainPOP Jr. Sink or Float**
- **BrainPOP Bridges**
- **GameUp Go Vector Go**
- **GameUp Simple Machines**

British Columbia Learning Standards > Science (2015)**British Columbia**

Grade 2

☰ *Water is essential to all living things, and it cycles through the environment.*

- **BrainPOP Jr. Water Cycle**
- **BrainPOP Jr. Plant Adaptations**
- **BrainPOP Jr. Ocean Habitats**
- **BrainPOP Snowflakes**
- **BrainPOP Water Cycle**

British Columbia Learning Standards > Science (2015)**British Columbia**

Grade 2

☰ Questioning and predicting

▶ *Observe objects and events in familiar contexts*

- **BrainPOP Submarines**
- **BrainPOP Science Projects**
- **BrainPOP Scientific Method**

British Columbia Learning Standards > Science (2015)**British Columbia**

Grade 2

☰ Questioning and predicting

▶ *Ask questions about familiar objects and events*

- **BrainPOP Submarines**
- **BrainPOP Science Projects**
- **BrainPOP Scientific Method**

British Columbia Learning Standards > Science (2015)

Columbia

Grade 2

- ⊖ Questioning and predicting
 - ▶ *Make simple predictions about familiar objects and events*
 - **BrainPOP Submarines**

British Columbia

Grade 2

- ⊖ Planning and conducting
 - ▶ *Make and record observations*
 - **BrainPOP Science Projects**
 - **BrainPOP Scientific Method**

British Columbia

Grade 2

- ⊖ Planning and conducting
 - ▶ *Safely manipulate materials to test ideas and predictions*
 - **BrainPOP Science Projects**
 - **BrainPOP Scientific Method**

British Columbia

Grade 2

- ⊖ Planning and conducting
 - ▶ *Make and record simple measurements using informal or non-standard methods*
 - **BrainPOP Science Projects**
 - **BrainPOP Measuring Matter**
 - **BrainPOP Scientific Method**

British Columbia

Grade 2

- ⊖ Processing and analyzing data and information
 - ▶ *Sort and classify data and information using drawings or provided tables*
 - **BrainPOP Jr. Tally Charts and Bar Graphs**

 - **BrainPOP Scientific Method**
 - **BrainPOP Science Projects**
 - **BrainPOP Map Skills**

British Columbia

Grade 2

- ⊖ Processing and analyzing data and information
 - ▶ *Compare observations with predictions through discussion*
 - **BrainPOP Scientific Method**
 - **BrainPOP Science Projects**

British Columbia

Grade 2

- ⊖ Evaluating
 - ▶ *Compare observations with those of others*
 - **BrainPOP Scientific Method**
 - **BrainPOP Science Projects**
 - **BrainPOP Underwater World**

British Columbia

- ⊖ Evaluating
 - ▶ *Compare observations with those of others*
 - **BrainPOP Scientific Method**
 - **BrainPOP Science Projects**
 - **BrainPOP Underwater World**

- Grade 2
- ⊖ Evaluating
 - ▶ *Consider some environmental consequences of their actions*
 - **BrainPOP Jr. Fish**
 - **BrainPOP Jr. Frogs**

 - **BrainPOP Humans and the Environment**
 - **BrainPOP Air Pollution**
 - ⊖
 - **BrainPOP Recycling**
 - **BrainPOP Water Supply**

British Columbia Learning Standards > Science (2015)

- Grade 2
- ⊖ Applying and innovating
 - ▶ *Generate and introduce new or refined ideas when problem solving*
 - **BrainPOP Science Projects**

British Columbia Learning Standards > Science (2015)

- Grade 2
- ⊖ Communicating
 - ▶ *Communicate observations and ideas using oral or written language, drawing, or role-play*
 - **BrainPOP Jr. Science Projects**

 - **BrainPOP Science Projects**
 - **BrainPOP Scientific Method**

British Columbia Learning Standards > Science (2015)

- Grade 2
- ⊖ Communicating
 - ▶ *Express and reflect on personal experiences of place*
 - **BrainPOP Submarines**

British Columbia Learning Standards > Science (2015)

- Grade 2
- ⊖ *metamorphic and non-metamorphic life cycles of different organisms*
 - **BrainPOP Metamorphosis**

British Columbia Learning Standards > Science (2015)

- Grade 2
- ⊖ *physical ways of changing materials*
 - **BrainPOP Jr. Physical and Chemical Changes**

 - **BrainPOP Property Changes**

British Columbia Learning Standards > Science (2015)

- Grade 2
- ⊖ *chemical ways of changing materials*
 - **BrainPOP Jr. Physical and Chemical Changes**

 - **BrainPOP Property Changes**

British Columbia Learning Standards > Science (2015)

- Grade 2
- ⊖ *types of forces*

- **BrainPOP Jr. Gravity**
- **BrainPOP Jr. Magnets**
- • **BrainPOP Jr. Pushes and Pulls**
- **BrainPOP Jr. Simple Machines**
- **BrainPOP Jr. Sink or Float**
- **BrainPOP Bridges**
- **GameUp Go Vector Go**

British Columbia Learning Standards > Science (2015)

- Grade 2
- *water sources, including local watersheds*
 - **BrainPOP Jr. Natural Resources**
 - **BrainPOP Jr. Ocean Habitats**
 - **BrainPOP Water Supply**
 - **BrainPOP Water Cycle**

British Columbia Learning Standards > Science (2015)

- Grade 2
- *water - a limited resource*
 - **BrainPOP Jr. Natural Resources**
 - **BrainPOP Natural Resources**
 - **BrainPOP Water Supply**

British Columbia Learning Standards > Science (2015)

- Grade 2
- *the water cycle*
 - **BrainPOP Jr. Water Cycle**
 - **BrainPOP Snowflakes**
 - **BrainPOP Water Cycle**

British Columbia Learning Outcomes > Science (2005)

- Grade 2
- Processes and Skills of Science
 - ▶ *use their senses to interpret observations*
 - **BrainPOP Jr. Making Observations**
 - **BrainPOP Smell**
 - **BrainPOP Taste**
 - • **BrainPOP Hearing**
 - **BrainPOP Touch**

British Columbia Learning Outcomes > Science (2005)

- Grade 2
- Life Science: Animal Growth and Changes
 - ▶ *classify familiar animals according to similarities and differences in appearance, behaviour, and life cycles*
 - **BrainPOP Jr. Frogs**
 - **BrainPOP Jr. Fish**
 - • **BrainPOP Jr. Insects**

- BrainPOP Jr. **Ocean Habitats**
- BrainPOP Jr. **Food Chain**
- BrainPOP **Insects**
- BrainPOP **Spiders**
- ☹ • BrainPOP **Birds**
- BrainPOP **Invertebrates**
- BrainPOP **Reptiles**
- BrainPOP **Dolphins**
- BrainPOP **Fish**
- BrainPOP **Mammals**
- BrainPOP **Ants**
- BrainPOP **Arachnids**
- BrainPOP **Penguins**
- BrainPOP **Amphibians**
- BrainPOP **Metamorphosis**
- BrainPOP **Bats**
- BrainPOP **Honeybees**
- BrainPOP **Pandas**
- BrainPOP **Asexual Reproduction**
- GameUp **Construct-a-Saurus**

British Columbia

Grade 2

British Columbia Learning Outcomes > Science (2005)

- ☹ Life Science: Animal Growth and Changes
 - ▶ *describe some changes that affect animals (e.g., hibernation, migration, decline in population)*
 - BrainPOP Jr. **Migration**
 - BrainPOP Jr. **Hibernation**
 - ☹ • BrainPOP Jr. **Spring**
 - BrainPOP Jr. **Fish**
 - BrainPOP Jr. **Freshwater Habitats**
 - BrainPOP Jr. **Rainforests**
 - BrainPOP **Hibernation**
 - BrainPOP **Air Pollution**
 - BrainPOP **Pandas**

British Columbia

Grade 2

British Columbia Learning Outcomes > Science (2005)

- ☹ Life Science: Animal Growth and Changes
 - ▶ *describe how animals are important in the lives of Aboriginal peoples in BC*
 - BrainPOP **Ecosystems**
 - BrainPOP **Invertebrates**
 - ☹ • BrainPOP **Underwater World**
 - BrainPOP **Bats**
 - BrainPOP **Giant Squid**
 - BrainPOP **Pandas**
 - GameUp **Food Chain Game**

British Columbia Learning Outcomes > Science (2005)

- ☰ Life Science: Animal Growth and Changes
 - ▶ *describe ways in which animals are important to other living things and the environment*
 - **BrainPOP Jr. Rainforests**
 - **BrainPOP Jr. Food Chain**
- ☰
 - **BrainPOP Jr. Freshwater Habitats**
 - **BrainPOP Jr. Natural Resources**
 - **BrainPOP Jr. Camouflage**
 - **BrainPOP Jr. Fish**
 - **BrainPOP Jr. Frogs**
 - **BrainPOP Jr. Extinct and Endangered Species**
 - **BrainPOP Jr. Ocean Habitats**

- ☰
 - **BrainPOP Bats**
 - **BrainPOP Ecosystems**
- ☰
 - **BrainPOP Giant Squid**
 - **BrainPOP Invertebrates**
 - **BrainPOP Underwater World**
 - **BrainPOP Pandas**

- **GameUp Construct-a-Saurus**
- **GameUp Food Chain Game**

British Columbia Learning Outcomes > Science (2005)

- ☰ Physical Science: Properties of Matter
 - ▶ *identify the properties of solids, liquids, and gases*
 - **BrainPOP Jr. Changing States of Matter**
 - **BrainPOP Jr. Solids, Liquids, and Gases**
 - **BrainPOP Jr. Physical and Chemical Changes**

- **BrainPOP Measuring Matter**

- **GameUp Matter Sorter**

British Columbia Learning Outcomes > Science (2005)

- ☰ Physical Science: Properties of Matter
 - ▶ *investigate changes to the properties of matter when it is heated or cooled*
 - **BrainPOP Jr. Changing States of Matter**
 - **BrainPOP Jr. Physical and Chemical Changes**
 - **BrainPOP Jr. Heat**

- **BrainPOP Property Changes**

British Columbia Learning Outcomes > Science (2005)

- ☰ Physical Science: Properties of Matter
 - ▶ *investigate the interactions of liquids and solids*
 - **BrainPOP Jr. Physical and Chemical Changes**

British Columbia Learning Outcomes > Science (2005)

Columbia

Grade 2

- ⊖ Earth and Space Science: Air, Water, and Soil
 - ▶ *describe physical properties of air, water, and soil*
 - **BrainPOP Jr. Soil**
 - **BrainPOP Jr. Mars**
 - **BrainPOP Jr. Physical and Chemical Changes**

 - **BrainPOP Soil**
 - **BrainPOP Earth**

British Columbia

Grade 2

British Columbia Learning Outcomes > Science (2005)

- ⊖ Earth and Space Science: Air, Water, and Soil
 - ▶ *distinguish ways in which air, water, and soil interact*
 - **BrainPOP Soil**
 - **BrainPOP Snowflakes**

British Columbia

Grade 2

British Columbia Learning Outcomes > Science (2005)

- ⊖ Earth and Space Science: Air, Water, and Soil
 - ▶ *explain why air, water, and soil are important for living things*
 - **BrainPOP Jr. Plant Adaptations**
 - **BrainPOP Jr. Fish**
 - ⊖
 - **BrainPOP Jr. Rainforests**
 - **BrainPOP Jr. Ocean Habitats**

 - **BrainPOP Water**
 - **BrainPOP Bats**
 - ⊖
 - **BrainPOP Soil**
 - **BrainPOP Blood**