

Grade K

- ☉ *Number represents and describes quantity: Quantities can be decomposed into smaller parts*
 - **BrainPOP Jr. Comparing Numbers**
 - **BrainPOP Jr. Even and Odd**
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Place Value**
- ☉
 - **BrainPOP Jr. Time to the Hour**
 - **BrainPOP Jr. Arrays**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☉ *Developing computational fluency comes from a strong sense of number: One-to-one correspondence and a sense of 5 and 10 are essential for working with numbers*
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Comparing Numbers**
 - **BrainPOP Jr. Even and Odd**
 - **BrainPOP Jr. Doubles**
 - **BrainPOP Jr. Place Value**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☉ *We use patterns to represent identified regularities and to form generalizations: Repeating elements can be identified.*
 - **BrainPOP Jr. Patterns**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☉ *We can describe, measure, and compare spatial relationships: Objects have attributes.*
 - **BrainPOP Jr. Congruent and Similar Shapes**
 - **BrainPOP Jr. Plane Shapes**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☉ *Analyzing data and chance help us to compare and interpret: Familiar events can be described as likely or unlikely.*
 - **BrainPOP Jr. Basic Probability**
 - **BrainPOP Jr. Probability**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☉ Reasoning and analyzing
 - ▶ *Estimate reasonably*
 - **BrainPOP Estimating**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☉ Reasoning and analyzing
 - ▶ *Develop mental math strategies and abilities to make sense of quantities*
 - **BrainPOP Jr. Comparing Numbers**
 - **BrainPOP Jr. Even and Odd**
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Place Value**
- ☉
 - **BrainPOP Jr. Solving Word Problems**

- **BrainPOP Jr. Adding and Subtracting Tens**
- **BrainPOP Jr. Arrays**

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ⊖ Understanding and solving
 - ▶ *Use multiple strategies to engage in problem solving (e.g., visual, oral, role-play, experimental, written, symbolic)*
 - **BrainPOP Jr. Solving Word Problems**
 - **BrainPOP Jr. Basic Adding**
- ⊖
 - **BrainPOP Jr. Basic Subtraction**
 - **BrainPOP Jr. Making Equal Groups**
 - **BrainPOP Jr. Choosing an Operation**
- **GameUp Lure of the Labyrinth: Mine Shaft**

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ⊖ Understanding and solving
 - ▶ *Develop, construct, and apply mathematical understanding through role-play, inquiry, and problem solving*
 - **BrainPOP Jr. Tally Charts and Bar Graphs**

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ⊖ Understanding and solving
 - ▶ *Engage in problem-solving experiences that are connected to place, story, and cultural practices relevant to the local community*
 - **BrainPOP Jr. Choosing an Operation**
 - **BrainPOP Jr. Solving Word Problems**

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ⊖ Communicating and representing
 - ▶ *Communicate in many ways (concretely, pictorially, symbolically, and by using spoken or written language to express, describe, explain, and apply mathematical ideas)*
 - **BrainPOP Jr. Solving Word Problems**
 - **BrainPOP Jr. Comparing Numbers**
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Adding and Subtracting Tens**
- ⊖
 - **BrainPOP Jr. Basic Adding**
 - **BrainPOP Jr. Basic Subtraction**
 - **BrainPOP Jr. Arrays**
 - **BrainPOP Jr. Basic Parts of a Whole**
 - **BrainPOP Jr. Even and Odd**
 - **BrainPOP Jr. Parts of a Clock**

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ⊖ Communicating and representing
 - ▶ *Describe, create, and interpret relationships through concrete, pictorial, and symbolic representations*
 - **BrainPOP Jr. Place Value**
 - **BrainPOP Jr. Basic Adding**

- BrainPOP Jr. [Basic Subtraction](#)
- BrainPOP Jr. [Adding and Subtracting Tens](#)
- ☹ • BrainPOP Jr. [Arrays](#)
- BrainPOP Jr. [Slides, Turns, and Flips](#)
- BrainPOP Jr. [Counting Coins](#)
- BrainPOP Jr. [Making Equal Groups](#)

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ☹ Communicating and representing
 - ▶ *Use technology appropriately to explore mathematics, solve problems, record, communicate, and represent thinking*
 - BrainPOP Jr. [Tally Charts and Bar Graphs](#)

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ☹ Connecting and reflecting
 - ▶ *Connect mathematical concepts to each other and make mathematical connections to the real world (e.g., in daily activities, local and traditional practices, the environment, popular media and news events, cross-curricular integration)*
 - BrainPOP Jr. [One Hundred](#)

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ☹ Connecting and reflecting
 - ▶ *Draw upon local First Peoples knowledge and/or expertise of local Elders to make connections to mathematical topics and concepts*
 - BrainPOP Jr. [One Hundred](#)

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ☹ *number concepts to 10*
 - BrainPOP Jr. [Comparing Numbers](#)
 - BrainPOP Jr. [Even and Odd](#)
 - BrainPOP Jr. [One Hundred](#)
 - BrainPOP Jr. [Place Value](#)

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ☹ *ways to make 5*
 - GameUp [Battleship Numberline](#)
 - GameUp [Pearl Diver](#)

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ☹ *decomposition of numbers to 10*
 - BrainPOP Jr. [Place Value](#)
 - BrainPOP Jr. [Comparing Numbers](#)
 - BrainPOP Jr. [One Hundred](#)

British Columbia

Grade K

British Columbia Learning Standards > Mathematics (2015)

- ☹ *repeating patterns with two or three elements*

- **BrainPOP Jr. Patterns**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☹ *change in quantity to 10 using concrete materials*
 - **BrainPOP Jr. Comparing Numbers**
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Place Value**
 - **BrainPOP Jr. Adding and Subtracting Tens**
- ☹
 - **BrainPOP Jr. Basic Parts of a Whole**
 - **BrainPOP Jr. Counting Coins**
 - **BrainPOP Jr. Even and Odd**
 - **BrainPOP Jr. Solving Word Problems**
 - **BrainPOP Jr. Arrays**
 - **BrainPOP Jr. Time to the Hour**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☹ *direct comparative measurement (e.g., linear, mass, capacity)*
 - **BrainPOP Jr. Inches and Feet**
 - **BrainPOP Jr. Time to the Hour**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☹ *single attributes of 2D shapes and 3D objects*
 - **BrainPOP Jr. Plane Shapes**
 - **BrainPOP Jr. Solid Shapes**
- **BrainPOP Polygons**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☹ *concrete or pictorial graphs as a visual tool for the class*
 - **BrainPOP Jr. Pictographs**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☹ *likelihood of familiar life events*
 - **BrainPOP Jr. Basic Probability**
 - **BrainPOP Jr. Probability**

British Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade K

- ☹ *financial literacy attributes of coins and financial role-play*
 - **BrainPOP Jr. Counting Coins**
 - **BrainPOP Jr. Dollars and Cents**
- ☹
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Making Change Under a Dollar**
 - **BrainPOP Jr. Equivalent Coins**
- **BrainPOP Budgets**

British

British Columbia Learning Outcomes > Mathematics (2006)

Columbia

Grade K

☰ Number

▶ **A1** say the number sequence by 1s starting anywhere from 1 to 10 and from 10 to 1

- BrainPOP Jr. [One Hundred](#)
- BrainPOP Jr. [Counting On](#)
- BrainPOP Jr. [Adding and Subtracting Tens](#)

- GameUp [Jelly Bean](#)

British Columbia

Grade K

☰ Number

▶ **A2** recognize, at a glance, and name familiar arrangements of 1 to 5 objects or dots

- GameUp [Jelly Bean](#)

British Columbia

Grade K

☰ Number

▶ **A3** relate a numeral, 1 to 10, to its respective quantity

- BrainPOP Jr. [Comparing Numbers](#)
- BrainPOP Jr. [Even and Odd](#)
- BrainPOP Jr. [One Hundred](#)
- BrainPOP Jr. [Place Value](#)
- ☰ • BrainPOP Jr. [Time to the Hour](#)
- BrainPOP Jr. [Arrays](#)

British Columbia

Grade K

☰ Number

▶ **A4** represent and describe numbers 2 to 10, concretely and pictorially

- BrainPOP Jr. [Comparing Numbers](#)
- BrainPOP Jr. [Even and Odd](#)
- BrainPOP Jr. [Place Value](#)
- BrainPOP Jr. [Solving Word Problems](#)
- ☰ • BrainPOP Jr. [One Hundred](#)
- BrainPOP Jr. [Arrays](#)

British Columbia

Grade K

☰ Patterns and Relations

▶ **B1** demonstrate an understanding of repeating patterns (two or three elements) by
▶ *identifying*

- BrainPOP Jr. [Patterns](#)

British Columbia

Grade K

☰ Patterns and Relations

▶ **B1** demonstrate an understanding of repeating patterns (two or three elements) by
▶ *reproducing*

- BrainPOP Jr. [Patterns](#)

British Columbia

British Columbia Learning Outcomes > Mathematics (2006)

- Grade K
- ⊖ Patterns and Relations
 - ▶ **B1** demonstrate an understanding of repeating patterns (two or three elements) by
 - ▶ *extending*
 - **BrainPOP Jr. Patterns**

British Columbia Learning Outcomes > Mathematics (2006)

- Grade K
- ⊖ Patterns and Relations
 - ▶ **B1** demonstrate an understanding of repeating patterns (two or three elements) by
 - ▶ *creating*
 - **BrainPOP Jr. Patterns**

British Columbia Learning Outcomes > Mathematics (2006)

- Grade K
- ⊖ Patterns and Relations
 - ▶ **B1** demonstrate an understanding of repeating patterns (two or three elements) by
 - ▶ *patterns, using manipulatives, sounds, and actions*
 - **BrainPOP Jr. Patterns**

British Columbia Learning Outcomes > Mathematics (2006)

- Grade K
- ⊖ Shape and Space
 - ▶ **C1** use direct comparison to compare two objects based on a single attribute such as length (height), mass (weight), and volume (capacity)
 - **BrainPOP Jr. Ounces, Pounds, and Tons**
 - **BrainPOP Jr. Grams and Kilograms**
 - ⊖ • **BrainPOP Jr. Cups, Pints, Quarts, Gallons**
 - **BrainPOP Jr. Centimeters, Meters, Kilometers**
 - **BrainPOP Jr. Inches and Feet**
 - **BrainPOP Customary Units**
 - **BrainPOP Metric Units**

British Columbia Learning Outcomes > Mathematics (2006)

- Grade K
- ⊖ Shape and Space
 - ▶ **C3** build and describe 3-D objects
 - **BrainPOP Jr. Solid Shapes**