

Grade 1

- ☉ *Number represents and describes quantity: Numbers to 20 can be decomposed into 10s and 1s.*
 - BrainPOP Jr. [Place Value](#)
 - BrainPOP Jr. [Comparing Numbers](#)
 - BrainPOP Jr. [One Hundred](#)

British
Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade 1

- ☉ *Developing computational fluency comes from a strong sense of number: Addition and subtraction can be modelled concretely, pictorially, and mentally, using strategies involving counting and making 10.*
 - BrainPOP Jr. [Adding and Subtracting Tens](#)
 - BrainPOP Jr. [Doubles](#)
 - ☉ • BrainPOP Jr. [Making Ten](#)
 - BrainPOP Jr. [Basic Adding](#)
 - BrainPOP Jr. [Basic Subtraction](#)
 - BrainPOP Jr. [Counting On](#)
 - BrainPOP Jr. [Even and Odd](#)
 - BrainPOP Jr. [Solving Word Problems](#)
 - BrainPOP Jr. [One Hundred](#)
 - BrainPOP Jr. [Adding with Regrouping](#)
 - BrainPOP Jr. [Counting Coins](#)
 - BrainPOP Jr. [Arrays](#)
 - BrainPOP Jr. [Subtracting With Regrouping](#)
 - BrainPOP Jr. [Subtracting Without Regrouping](#)

- BrainPOP [Multiplication](#)
- BrainPOP [Division](#)

- GameUp [Addition Blocks](#)
- GameUp [Monster School Bus](#)

British
Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade 1

- ☉ *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 1

- ☉ *We can describe, measure, and compare spatial relationships: Objects and shapes have attributes.*
 - BrainPOP Jr. [Congruent and Similar Shapes](#)
 - BrainPOP Jr. [Plane Shapes](#)

British
Columbia

British Columbia Learning Standards > Mathematics (2015)

Grade 1

- ☉ Reasoning and analyzing
 - ▶ *Estimate reasonably*
 - BrainPOP [Estimating](#)

British
Columbia

British Columbia Learning Standards > Mathematics (2015)

- Grade 1
- ⊖ 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 Learning Standards > Mathematics (2015)

- Grade 1
- ⊖ 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 Learning Standards > Mathematics (2015)

- Grade 1
- ⊖ 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 Learning Standards > Mathematics (2015)

- Grade 1
- ⊖ 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 Learning Standards > Mathematics (2015)

- Grade 1
- ⊖ 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 1

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 1

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 1

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 1

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 1

British Columbia Learning Standards > Mathematics (2015)

- ☉ *number concepts to 20*
 - **BrainPOP Jr. Comparing Numbers**
 - **BrainPOP Jr. Even and Odd**
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Place Value**

British Columbia

Grade 1

British Columbia Learning Standards > Mathematics (2015)

- ☉ *ways to make 10*
 - **GameUp Battleship Numberline**
 - **GameUp Pearl Diver**

British Columbia

Grade 1

British Columbia Learning Standards > Mathematics (2015)

- ☉ *addition and subtraction to 20 (understanding of operation and process)*

- BrainPOP Jr. **Adding and Subtracting Tens**
- BrainPOP Jr. **Doubles**
- ☹ • BrainPOP Jr. **Making Ten**
- BrainPOP Jr. **Basic Adding**
- BrainPOP Jr. **Basic Subtraction**
- BrainPOP Jr. **Counting On**
- BrainPOP Jr. **Even and Odd**
- BrainPOP Jr. **Subtracting With Regrouping**
- BrainPOP Jr. **One Hundred**
- BrainPOP Jr. **Adding with Regrouping**
- BrainPOP Jr. **Subtracting Without Regrouping**
- BrainPOP Jr. **Counting Coins**
- BrainPOP Jr. **Perimeter**

- GameUp **Addition Blocks**
- GameUp **Jelly Bean**
- GameUp **Monster School Bus**

British Columbia Learning Standards > Mathematics (2015)

- Grade 1
- ☹ *repeating patterns with multiple elements and attributes*
 - BrainPOP Jr. **Patterns**

British Columbia Learning Standards > Mathematics (2015)

- Grade 1
- ☹ *change in quantity to 20, concretely and verbally*
 - BrainPOP Jr. **Comparing Numbers**
 - BrainPOP Jr. **One Hundred**
 - BrainPOP Jr. **Place Value**
 - BrainPOP Jr. **Adding and Subtracting Tens**
 - ☹ • BrainPOP Jr. **Solving Word Problems**
 - BrainPOP Jr. **Basic Parts of a Whole**
 - BrainPOP Jr. **Time to the Hour**
 - BrainPOP Jr. **Counting Coins**
 - BrainPOP Jr. **Even and Odd**
 - BrainPOP Jr. **Arrays**

British Columbia Learning Standards > Mathematics (2015)

- Grade 1
- ☹ *direct measurement with non-standard units (non-uniform and uniform)*
 - BrainPOP Jr. **Inches and Feet**

British Columbia Learning Standards > Mathematics (2015)

- Grade 1
- ☹ *likelihood of familiar life events using comparative language*
 - BrainPOP Jr. **Basic Probability**

British Columbia Learning Standards > Mathematics (2015)

- Grade 1
- ☹ *financial literacy " values of coins and monetary exchanges*
 - BrainPOP Jr. **Counting Coins**
 - BrainPOP Jr. **Dollars and Cents**
 - ☹ • BrainPOP Jr. **One Hundred**

- [BrainPOP Jr. Equivalent Coins](#)
- [BrainPOP Jr. Making Change Under a Dollar](#)
- [BrainPOP Jr. Solving Word Problems](#)

- [BrainPOP Budgets](#)

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

☉ Number

- ▶ **A1** say the number sequence, 0 to 100, by
 - ▶ *2s to 20, forward starting at 0*

- [BrainPOP Jr. Arrays](#)

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

☉ Number

- ▶ **A1** say the number sequence, 0 to 100, by
 - ▶ *5s and 10s to 100, forward starting at 0*

- [BrainPOP Jr. Adding and Subtracting Tens](#)

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

☉ Number

- ▶ **A2** recognize, at a glance, and name familiar arrangements of 1 to 10 objects or dots

- [GameUp Jelly Bean](#)

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

☉ Number

- ▶ **A3** demonstrate an understanding of counting by
 - ▶ *indicating that the last number said identifies "how many"*

- [BrainPOP Jr. Arrays](#)

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

☉ Number

- ▶ **A3** demonstrate an understanding of counting by
 - ▶ *showing that any set has only one count*

- [BrainPOP Jr. Arrays](#)

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

☉ Number

- ▶ **A3** demonstrate an understanding of counting by
 - ▶ *using the counting on strategy*

- [BrainPOP Jr. Even and Odd](#)
- [BrainPOP Jr. One Hundred](#)
- [BrainPOP Jr. Doubles](#)
- [BrainPOP Jr. Place Value](#)

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

☉ Number

- ▶ **A3** demonstrate an understanding of counting by
 - ▶ *using parts or equal groups to count sets*
- **BrainPOP Jr. Arrays**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ☹ Number
 - ▶ **A4** *represent and describe numbers to 20 concretely, pictorially, and symbolically*
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Comparing Numbers**
 - ☹
 - **BrainPOP Jr. Even and Odd**
 - **BrainPOP Jr. Place Value**
 - **BrainPOP Jr. Arrays**
 - **GameUp Jelly Bean**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ☹ Number
 - ▶ **A6** *estimate quantities to 20 by using referents*
 - **GameUp Jelly Bean**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ☹ Number
 - ▶ **A7** *demonstrate, concretely and pictorially, how a given number can be represented by a variety of equal groups with and without singles*
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Place Value**
 - **BrainPOP Jr. Adding and Subtracting Tens**
 - **BrainPOP Jr. Arrays**
 - ☹
 - **BrainPOP Jr. Counting Coins**
 - **BrainPOP Jr. Making Equal Groups**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ☹ Number
 - ▶ **A8** *identify the number, up to 20, that is one more, two more, one less, and two less than a given number.*
 - **BrainPOP Jr. Comparing Numbers**
 - **BrainPOP Jr. Adding and Subtracting Tens**
 - ☹
 - **BrainPOP Jr. Place Value**
 - **BrainPOP Jr. Even and Odd**
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Arrays**
 - **GameUp Pearl Diver**
 - **GameUp Battleship Numberline**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ☹ Number
 - ▶ **A9** *demonstrate an understanding of addition of numbers with answers to 20 and their*

corresponding subtraction facts, concretely, pictorially, and symbolically by

▶ *using familiar and mathematical language to describe additive and subtractive actions from their experience*

- **BrainPOP Jr. Adding and Subtracting Tens**
 - **BrainPOP Jr. Basic Adding**
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Basic Subtraction**
-
- **GameUp Addition Blocks**

British Columbia

Grade 1

British Columbia Learning Outcomes > Mathematics (2006)

Number

▶ **A9** demonstrate an understanding of addition of numbers with answers to 20 and their corresponding subtraction facts, concretely, pictorially, and symbolically by

▶ *creating and solving problems in context that involve addition and subtraction*

- **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Subtracting With Regrouping**
 - **BrainPOP Jr. Basic Adding**
 - **BrainPOP Jr. Basic Subtraction**
 - **BrainPOP Jr. Perimeter**
 - **BrainPOP Jr. Subtracting Without Regrouping**
 - **BrainPOP Jr. Counting Coins**
-
- **GameUp Addition Blocks**

British Columbia

Grade 1

British Columbia Learning Outcomes > Mathematics (2006)

Number

▶ **A9** demonstrate an understanding of addition of numbers with answers to 20 and their corresponding subtraction facts, concretely, pictorially, and symbolically by

▶ *modelling addition and subtraction using a variety of concrete and visual representations, and recording the process symbolically*

- **BrainPOP Jr. Adding and Subtracting Tens**
 - **BrainPOP Jr. Basic Adding**
 - **BrainPOP Jr. Basic Subtraction**
 - **BrainPOP Jr. Counting On**
 - **BrainPOP Jr. Doubles**
 - **BrainPOP Jr. Making Ten**
 - **BrainPOP Jr. Solving Word Problems**
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Subtracting With Regrouping**
 - **BrainPOP Jr. Adding with Regrouping**
 - **BrainPOP Jr. Arrays**
 - **BrainPOP Jr. Counting Coins**
 - **BrainPOP Jr. Subtracting Without Regrouping**
-
- **BrainPOP Multiplication**
 - **BrainPOP Division**
-
- **GameUp Addition Blocks**

British

British Columbia Learning Outcomes > Mathematics (2006)

Columbia

Grade 1

- ☰ Number
 - ▶ **A10** describe and use mental mathematics strategies (memorization not intended), such as
 - ▶ *counting on and counting back*
 - **BrainPOP Jr. Making Ten**
 - **BrainPOP Jr. Basic Adding**
 - **BrainPOP Jr. Basic Subtraction**
 - **BrainPOP Jr. Adding and Subtracting Tens**
- ☰
 - **BrainPOP Jr. Even and Odd**
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Place Value**
 - **BrainPOP Jr. Counting On**

British Columbia

Grade 1

British Columbia Learning Outcomes > Mathematics (2006)

- ☰ Number
 - ▶ **A10** describe and use mental mathematics strategies (memorization not intended), such as
 - ▶ *making 10*
 - **BrainPOP Jr. Basic Adding**
 - **BrainPOP Jr. Making Ten**
- ☰
 - **BrainPOP Jr. Place Value**
 - **BrainPOP Jr. Adding and Subtracting Tens**
 - **BrainPOP Jr. Adding with Regrouping**
 - **BrainPOP Jr. Basic Subtraction**
 - **BrainPOP Jr. One Hundred**
 - **BrainPOP Jr. Counting On**

 - **GameUp Monster School Bus**

British Columbia

Grade 1

British Columbia Learning Outcomes > Mathematics (2006)

- ☰ Number
 - ▶ **A10** describe and use mental mathematics strategies (memorization not intended), such as
 - ▶ *doubles*
 - **BrainPOP Jr. Basic Adding**
 - **BrainPOP Jr. Doubles**
 - **BrainPOP Jr. Adding and Subtracting Tens**
 - **BrainPOP Jr. Basic Subtraction**
- ☰
 - **BrainPOP Jr. Making Ten**
 - **BrainPOP Jr. Counting On**

British Columbia

Grade 1

British Columbia Learning Outcomes > Mathematics (2006)

- ☰ Number
 - ▶ **A10** describe and use mental mathematics strategies (memorization not intended), such as
 - ▶ *using addition to subtract to determine the basic addition facts to 18 and related subtraction facts*
 - **BrainPOP Jr. Adding and Subtracting Tens**
 - **BrainPOP Jr. Basic Subtraction**
- ☰
 - **BrainPOP Jr. Doubles**
 - **BrainPOP Jr. Making Ten**
 - **BrainPOP Jr. Basic Adding**
 - **BrainPOP Jr. Solving Word Problems**

- **BrainPOP Jr. Counting On**
- **BrainPOP Jr. Subtracting With Regrouping**

- **GameUp Addition Blocks**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ⊖ Patterns and Relations
 - ▶ **B1** demonstrate an understanding of repeating patterns (two to four elements) by
 - ▶ *describing*
- **BrainPOP Jr. Patterns**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ⊖ Patterns and Relations
 - ▶ **B1** demonstrate an understanding of repeating patterns (two to four elements) by
 - ▶ *reproducing*
- **BrainPOP Jr. Patterns**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ⊖ Patterns and Relations
 - ▶ **B1** demonstrate an understanding of repeating patterns (two to four elements) by
 - ▶ *extending*
- **BrainPOP Jr. Patterns**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ⊖ Patterns and Relations
 - ▶ **B1** demonstrate an understanding of repeating patterns (two to four elements) by
 - ▶ *creating*
- **BrainPOP Jr. Patterns**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ⊖ Patterns and Relations
 - ▶ **B1** demonstrate an understanding of repeating patterns (two to four elements) by
 - ▶ *patterns using manipulatives, diagrams, sounds, and actions*
- **BrainPOP Jr. Patterns**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ⊖ Patterns and Relations
 - ▶ **B2** *translate repeating patterns from one representation to another*
- **BrainPOP Jr. Patterns**

British Columbia Learning Outcomes > Mathematics (2006)

British Columbia

Grade 1

- ⊖ Patterns and Relations
 - ▶ **B4** *record equalities using the equal symbol*
- **BrainPOP Jr. Comparing Numbers**
- **BrainPOP Jr. Adding and Subtracting Tens**
- ⊖ • **BrainPOP Jr. Adding with Regrouping**

- BrainPOP Jr. [Basic Adding](#)
- BrainPOP Jr. [Basic Subtraction](#)
- BrainPOP Jr. [Counting On](#)
- BrainPOP Jr. [Doubles](#)
- BrainPOP Jr. [Making Ten](#)

- GameUp [Jelly Bean](#)

British Columbia

Grade 1

British Columbia Learning Outcomes > Mathematics (2006)

- ⊖ Shape and Space
 - ▶ **C1** demonstrate an understanding of measurement as a process of comparing by
 - ▶ *identifying attributes that can be compared ordering objects*

- BrainPOP [Polygons](#)

British Columbia

Grade 1

British Columbia Learning Outcomes > Mathematics (2006)

- ⊖ Shape and Space
 - ▶ **C1** demonstrate an understanding of measurement as a process of comparing by
 - ▶ *making statements of comparison*

- BrainPOP Jr. [Cups, Pints, Quarts, Gallons](#)
- BrainPOP Jr. [Inches and Feet](#)
- ⊖ • BrainPOP Jr. [Ounces, Pounds, and Tons](#)
- BrainPOP Jr. [Centimeters, Meters, Kilometers](#)
- BrainPOP Jr. [Grams and Kilograms](#)
- BrainPOP Jr. [Time to the Hour](#)

- BrainPOP [Customary Units](#)
- BrainPOP [Metric Units](#)

British Columbia

Grade 1

British Columbia Learning Outcomes > Mathematics (2006)

- ⊖ Shape and Space
 - ▶ **C1** demonstrate an understanding of measurement as a process of comparing by
 - ▶ *filling, covering, or matching*

- BrainPOP Jr. [Inches and Feet](#)
- BrainPOP Jr. [Time to the Hour](#)
- ⊖ • BrainPOP Jr. [Cups, Pints, Quarts, Gallons](#)
- BrainPOP Jr. [Ounces, Pounds, and Tons](#)
- BrainPOP Jr. [Parts of a Clock](#)
- BrainPOP Jr. [Perimeter](#)
- BrainPOP Jr. [Calendar and Dates](#)
- BrainPOP Jr. [Centimeters, Meters, Kilometers](#)
- BrainPOP Jr. [Counting Coins](#)
- BrainPOP Jr. [Grams and Kilograms](#)
- BrainPOP Jr. [Temperature](#)

- BrainPOP [Metric Units](#)

British Columbia

Grade 1

British Columbia Learning Outcomes > Mathematics (2006)

- ⊖ Shape and Space
 - ▶ **C3** replicate composite 2-D shapes and 3-D objects

- **BrainPOP Jr. Congruent and Similar Shapes**
- **BrainPOP Polygons**