

Supporting Your Child's Mathematical Thinking

Information for Parents

June 2018

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BC Mathematics Curriculum

Redesigned Curriculum (K-9 implementation 2016-2017, Grade 10 2018-2019, Grades 11&12 2019-2020)

<https://curriculum.gov.bc.ca>

Salute (grades 1-9)

A "missing part" card game for three players. Can use addition or multiplication, with ten frame or regular playing cards. Can also use black and red to indicate positive and negative integers.

- 1) Two players each hold a card to their foreheads for the others to see
- 2) Middle player says the sum
- 3) The other two players determine what is on their own card and whatever player calls out his or her card first, wins the cards.

math game adapted from Trevor Calkins' Power of Ten as well as Box Cars and One-Eyed Jacks

Websites with mathematical thinking routines:

- ☉ Which One Doesn't Belong - wodb.ca
- ☉ Fraction Talks - fractiontalks.com
- ☉ Number Talk Images - ntimages.weebly.com

Recommended Math Apps for the iPhone and iPad

Math Tappers series developed by University of Victoria Mathematics Education professors

Find Sums

Estimate Fractions

Equivalents

Multiples

Numberline

Clock Master

iPhone Apps



MathTappers:
Find Sums - a...
Education



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Common mathematics materials found in classrooms:

- Pattern Blocks
- Unifix Cubes
- Geoboards
- Cuisenaire Rods
- Tangrams
- Base 10 Blocks
- Ten Frames
- Cards & Dice
- 3D Blocks
- Loose Parts

Ways to think and talk about math at home:

- Talk about math being useful, creative and enjoyable
- Explain how you use math in your daily life
- Emphasize that computation is important but is just one small part of what mathematics is
- Play math-focused games as a family that both develop number sense and spatial reasoning – Chess, Checkers, Backgammon, Scrabble, Monopoly, Cribbage, card games, jigsaw puzzles
- Highlight how math is used to communicate and make information meaningful and helps us to make sense of the world around us – weather, graphs in the newspaper, sports statistics