



Family Math Newsletter

Primary Edition

Issue 1 • December 2023

Game: Making 10 Concentration

Materials Needed: Deck of cards – You will need four 5s, and two 1s, 2s, 3s, 4s, 6s, 7s, 8s, 9s (20 cards in all)

Directions: Play this game like Memory or Concentration. Shuffle and place the cards face down in a 4x5 array. On your turn, flip two cards face up. If the cards make 10, put them in your pile and take another turn. If the sum is not ten, flip them back over and the next player takes a turn. The game ends when all matches have been found. The player with the most matches wins. Add or remove cards to change the difficulty of the game.

Math Talk: Data Literacy



This picture is a group of students with each letter representing their favourites. Discuss: What could each letter represent? What are some different ways we could sort and organize the data? What are 3 conclusions you can make about the

data? Source: TVOLearn

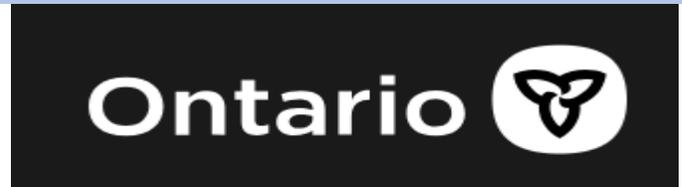
Taking Learning Outdoors: Concept Circles



The use of concept circles may help students to develop math skills such as problem solving and encourages math conversation. Place a number in the center of a

circle. How many ways can you represent this number? Source: [Cathy Marks Krpan](#).

Good Read:

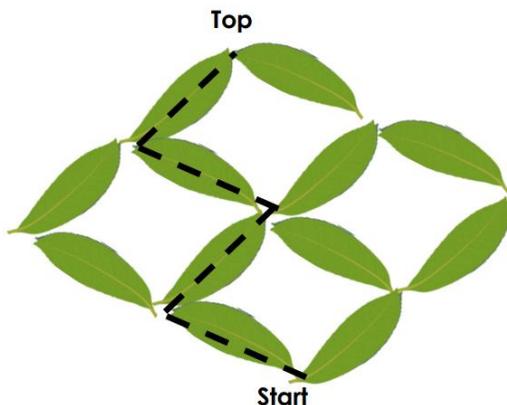


Click [here](#) to find ways in which you can support mathematics learning at home.

Problem Solving Tasks and Experiences

Problem:

Jack climbed the beanstalk. He always went upwards.



He first did it like this: left, right, left, right. Find three other ways that Jack can climb the beanstalk. Adapted from: Math Challenges for Pupils

Puzzle or Riddle

Working on logic puzzles with your children is a fun and engaging way to get them thinking mathematically, collaborating to solve problems and can generate rich math conversations. Can your family solve this riddle? Check out [Mash Up Math](#) for more puzzles.

