



PRIMARY FAMILY MATH NEWSLETTER

Outdoor Learning:

Outdoor Exploration Activity: Children collect various leaves of all shapes, sizes and colours. Children then create various patterns with their leaf collection and describe the pattern they have chosen. Children could then explore how to sort their leaves using different characteristics. Why might they have chosen that particular characteristic to sort by? Do they explain their thinking clearly?

Game: Greater or Less Than

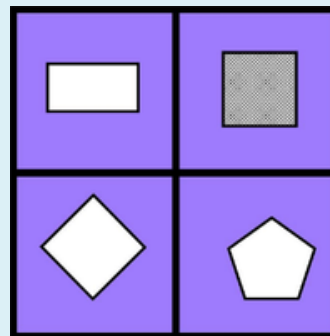


Players: 2

Materials: Cards - Ace through 10- for each player, face cards removed

How to Play: Each child gets a set of cards, Ace through 10 (for the numbers 1-10). One player selects a "secret card" from his/her hand and places it face down. The second player tries to guess what the number on the card is by selecting a card from his/her hand and placing it face up. The first player then tells whether the secret card is greater than or less than the face-up card. The second player continues to make guesses by selecting and showing different cards until he/she has discovered the value of the secret card. Players then switch roles.

Math Talk

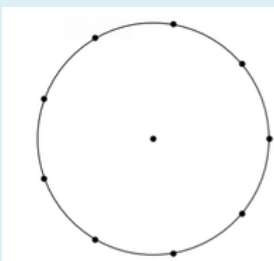


Which shape doesn't belong? There are many reasons that any one of them doesn't belong. What do you think?

Source: [Which One Doesn't Belong?](#)



Problem Solving



Players: 2

Materials: Circular Pegboard (interactive version in source link below or printable).
Instructions: Taking turns, players adding lines to the board creating a triangle that fits around 3 pegs. A line can share a peg with other lines, but the triangles must not overlap (except along the edges and pegs). A player is unsuccessful when they cannot make a triangle on their turn. What are the winning strategies? Once mastering the game, why not play to lose? How does the game change?

Printable Link: [Circular Peg Boards](#), **Source:** [Board Block Two, NRICH](#)

Good Read

Learn about Ontario's Math Curriculum for grades 1 to 8. Explore key concepts and skills that your student will be learning about this year.



Source: [Ontario Math Curriculum, Grades 1 - 8](#)

Counterexamples:

A great car ride activity! The leader makes a false statement that can be proven false with a counterexample. (E.g. All birds can fly. Counterexample: Penguins)

Getting Kids Interested in Math Without Their Knowing

