Peterborough Victoria Northumberland and Clarington Catholic District School Board
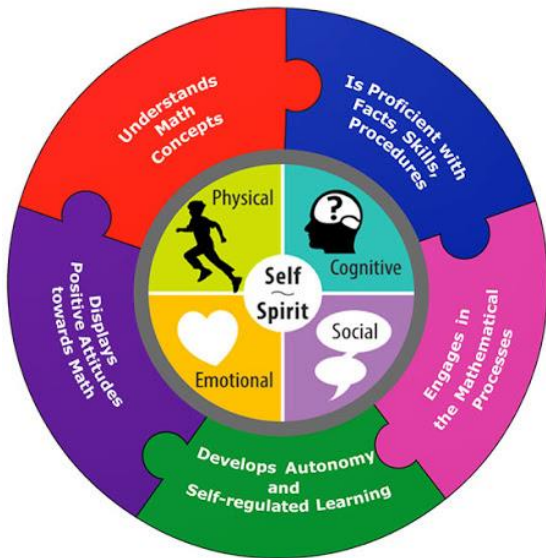
Math Moment…

How Number Talks fit into a Balanced Approach to Math Learning

Number Talks serve to enhance Math discussions by helping students problem solve, reason, construct viable arguments for critiquing, model Math thinking, use tools strategically, attend to precision, and express regularity. Through these discussions, it is the intention to enhance the balanced Math classroom by building conceptual understanding and problem solving skills.

The graphic represents Ontario's Vision of the Mathematics Learner. Each piece of the puzzle is important in supporting the development of mathematical thinkers and doers, and the belief that one is mathematical. At the heart of this vision is the well-being of the student.

http://www.edu.gov.on.ca/eng/literacynumeracy/inspire/research/math-classroom2018.pdf

Looking for some fun learning experiences with your child this March Break?

Check out the CBC Parents website! There is a great list of ideas for indoor and outdoor fun that include STEM challenges, crafts, and physical activities.

And do not forget to celebrate **Pi Day** on Saturday, March 14.

Check out March's Math Problem! Share your strategies with @PVNCCDSB using #PVNCLearns #PVNCMath!

- Each classroom is welcome to modify the question to meet the needs of their students.
- Consider having a similar challenge in the entrance/corridor of the school for parents, guests, staff members, and students to contribute to.

I think I might need an apple crisp after this question...

I noticed something interesting about my neighbour's orchard the other day. They plant their apple trees in square patterns. To protect the trees from the wind, they plant evergreens all around the orchard. The diagram to the right illustrates the pattern of apple trees and evergreens for any number (n) of rows of apple trees. How many of each type of tree will there be for 6 rows of apples? For 10 rows of apples? For 50 rows of apples? How do you know?

= evergreen
= apple tree

$n = 1$ $n = 2$ $n = 3$ $n = 4$

Adapted from a PISA prompt
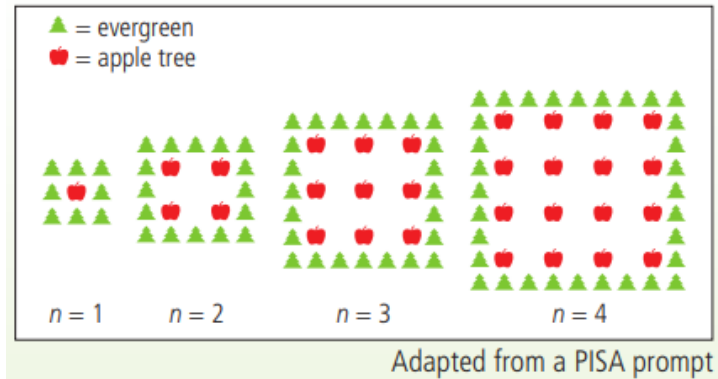
Paying Attention to Algebraic Reasoning K – 12.