

Summer camp – Numeracy Booster

This summer camp will provide students with opportunities to understand math concepts more deeply, develop strategies to improve fluency and have fun exploring new math concepts in a visual, hands-on way by using:

- Games
- Visuals
- Hands-on manipulatives
- Stories
- Physical movement to help students learn about the important relationships and patterns found in math.

We are looking for students who are interested in: improving their math skills, confidence in math, learning about math in different ways and who enjoy working with other students to explore concepts.

We will focus on developing growth mindsets about math because we believe that all people can learn math.

What to Expect:

- A safe and enjoyable environment where all students can achieve success and growth
- A constructivist approach
 - allowing students to be active participants and explore and discover the math concepts for themselves
 - with some direct instruction when needed
 - more structured help if students are struggling to construct their own knowledge
- A focus on communicating understanding, ideas and concepts throughout the session in words, symbols and pictures
- Strategies to improve mental math and fluency with adding, subtracting, multiplying and dividing as well as games to practice the strategies
 - these games will be sent home so that participants can continue practicing over time
- A variety of strategies, including hands-on manipulatives, to explore:
 - Addition
 - Subtraction
 - Multiplication and
 - Division with larger numbers within the context of solving problems (mostly for grades 4/5)
 - Exploring decimals and fractions conceptually using visuals, manipulatives and contexts
 - we will dig deeper in this for grades 6/7

- A belief that we can all learn math and we will persevere and try new ways of looking at concepts so that all students can make sense of them (growth mindset).

The camp will take place this coming August 20 to 24, 2018 at Selkirk Montessori, 2970 Jutland Road. Registration is for only \$200.

If you or your kids are interested in knowing how to do mathematics better, then here's your chance! click on the link below to fill up the form.

Link to apply to the camp: <https://goo.gl/forms/WxogCFv8wqcbqy5G3>

Link to my site: <http://educatingnow.com/>

Check out my [Ted talk](#) to learn more about me and my approach.

Important Note:

We will be filming parts of this summer camp to use for instructional videos for educators on our site Educating Now. We will also be using some still photographs for blogs, tweets and other instructional purposes. In order for your child to participate you must be comfortable with this and sign the permission forms.