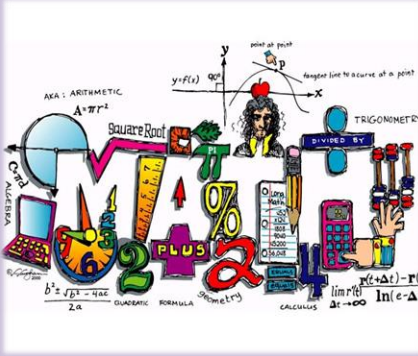


# INSPIRATIONAL MATH DAYS

## OVERVIEW & INTRODUCTION TO DAY ONE



We are so excited to share with you our version of the “Week of Inspirational Math Part 2” (WIM). This school-wide initiative for Kindergarten to Grade 6 students involves 5 math open inquiry lessons! Implementing these Inspirational Math days stems from staff building upon teaching practices that develop a Growth Mindset and continues building upon our focus to support how students approach new learning.

Last year as part of our professional learning we developed a further understanding around what it means to have a Growth Mindset and how it can improve upon student success! Generally, a Growth Mindset is the concept of understanding that the brain has an incredible ability to grow and change *regardless of age* – also called brain plasticity!

Once again we will be using the math lessons developed by Stanford’s University ([www.youcubed.org](http://www.youcubed.org)) called Week of Inspirational Math 2 (WIM). These 5 open-end inquiry lessons are what we might call “low-floor/high-ceiling” activities where ALL students have multiple entry points to participate regardless of math level or initial concept understanding. The accompanying videos introduce the overview of learning.

Parents are encouraged to register at [www.youcubed.org](http://www.youcubed.org) and follow along, investigate the website - especially the parent page! The information page allows IPS families the opportunity to re-watch these with their child(ren). This will encourage students to further their discussions, and thinking and sharing at home 😊

We had our first kick-off Monday January 16<sup>th</sup> to introduce WIM-2. We will call the next four Mondays “IPS Math Mondays” to hold weekly kick-off assemblies that introduce all students to the lesson video and allow students to share some of their learnings with the entire school.

If you have any questions, please feel free to contact me at the school. In the meantime click on the video link and watch The Power of Yet – a message that we continue to use with all students 😊 <https://www.youtube.com/watch?v=XLeUvZvuvAs>

### WIM Day 1 Overview & Video – The Many Ways We See Math



Brains Grow and Change-SD.mp4

**Click on link to watch video!**

#### **Kindergarten to Grade 2**

- In this lesson students will be helped to see numbers through a dot card number talk and finger activities, both of which will help important brain connections.

#### **Grade 3 to 6**

- In this lesson students will be helped to see numbers through a dot card number talk, which helps students understand that mathematics can always be seen in many different and creative ways. Students will also investigate squares inside a rectangle, a lovely low floor, high ceiling task.