

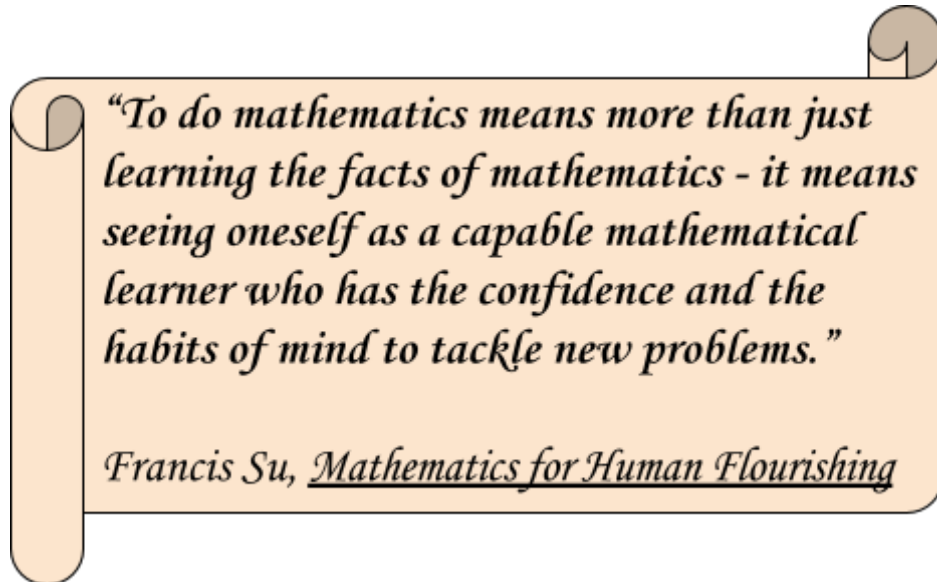
Integrated Math

With Mrs. Fox & Ms. Pfeffer

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Office Hours: Support Block or after school by appointment



About This Course

This class offers a Dare To Be Me approach to learning math. Students will grow both their problem-solving skills and number sense, while also building their social-emotional learning. This will happen through movement-based, hands-on indoor and outdoor activities that foster curiosity, connection, perseverance, a sense of belonging, and increased awareness of oneself and one’s surroundings. The goal is for students to find purpose and joy in understanding how math is used in the world around them, while also gaining confidence in their abilities so that they can be successful in future math classes.

This course will prepare students to take either Pre-Algebra, Algebra, Geometry, or a different math course next year, depending on what credits they have already received and the path they choose to take. Students will be driving their own experience, and will set goals based on what they want to accomplish. Below is a list of standards we may cover in this class, and it will be modified by teacher’s discretion.

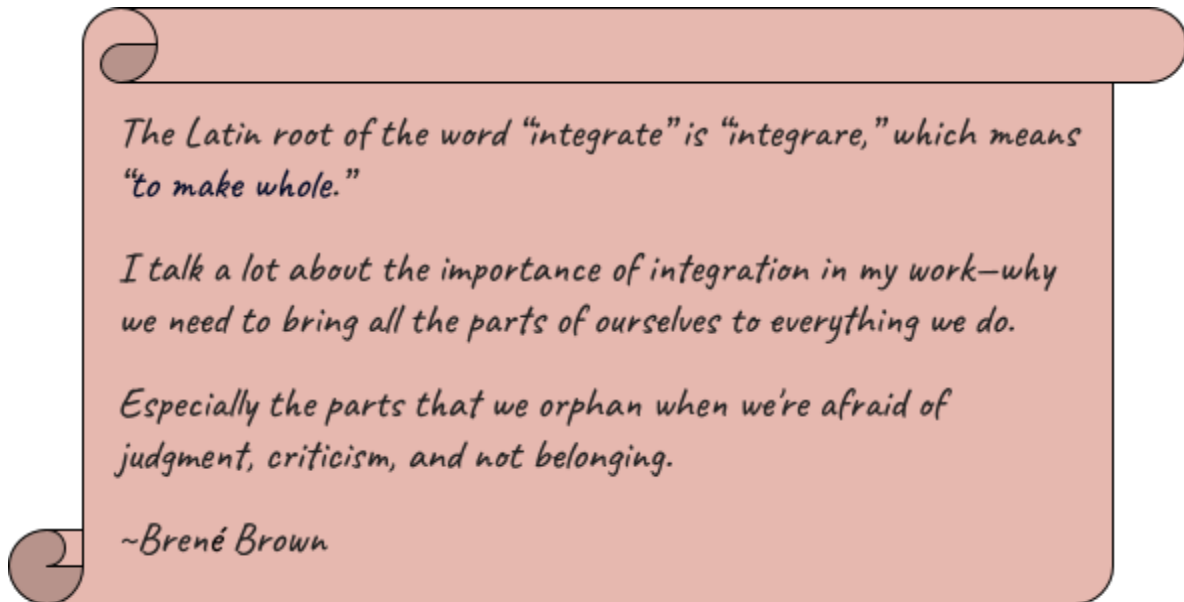
- Operations with fractions
- Operations with negative numbers
- Proportional Relationships (including percentages and scale drawings)

- Writing and evaluating expressions
- Solving one-step equations
- Area, surface area & volume
- Writing equivalent expressions
 - Linear relationships & slope
 - Solving multi-step equations
- (including variables on both sides)
- Scientific Notation
- The Pythagorean Theorem
- Solving systems of equations
- Simplifying Radical expressions
- Laws of exponent

Materials

You will need the following materials each day:

- Be prepared to go **outdoors!**
- Something to **write with**
- Your **Chromebook**
- **Math binder/folder** (this will be provided)



Classroom Policies

- **No cell phones** should be visible or audible at any time during class. If your phone is with you, no one should be able to tell it is with you.
 - There may be a few times during the year that cell phones will be allowed for ACADEMIC purposes. Your teachers will announce those times.

- **Chromebooks** should remain closed at all times, unless instructed by a teacher to take them out.
- **Food and drinks** are allowed at all times, as long as they are being used appropriately and are allowed by the student handbook.
- When you need to **leave the room** (bathroom, nurse, etc.), please ask the teacher for permission.

Assessment

Your grade will be based on all of the work you complete (a body of work). We will work together to determine when you show sufficient understanding of a math concept (or standard). There may be times that you complete a final product or assessment, and other times that you just compile all of your work. Either way, you will gather evidence to show your understanding and upload it onto Schoology and/or your PLP.

This rubric will be used for you to self-assess and for your teachers to score and give you feedback on each math standard that you cover:

<i>1: Not There Yet</i>	<i>2: Almost There</i>	<i>3: Got It</i>	<i>4: Master</i>
I must show more evidence that I understand the math concept.	I show evidence that I understand some parts of the math concept and how to use it.	I show evidence that I understand the math concept and can use it effectively.	I show evidence that I deeply understand the concept and can use it efficiently and effectively. I can apply the concept in different situations and teach it to others.

How to Succeed in This Class

- ★ Be **respectful** to everyone who is a part of our class - this starts with **yourself!**
- ★ Ask for **help** when you need it!!! This includes requesting help during Flex time.
- ★ ALWAYS **write down your ideas** - even if they are not complete or you think they are wrong.
- ★ Keep pushing yourself to **grow**.
- ★ Everyone has the right to **disagree**, as long as it is done **respectfully**.

