Math Is... Unit

Define Classroom Norms for the Year

The first unit in every grade is the Math Is... Unit which aims to help students and teachers begin to understand math as a set of problem-solving strategies instead of an end result. The unit helps define a productive and positive classroom environment where all students can:

- Share ideas and collaborate freely.
- Find success in math and become doers of mathematics.
- Apply mathematical thinking and practices to problem-solving.
- Take ownership of their personal learning journey.
- Become the creative problem solvers of tomorrow.



Support Ownership of Learning

Lesson 1: Math Is... Mine

The first lesson aims to help all students see themselves as doers of mathematics, develop a growth mindset, and take ownership of their learning within the math classroom. Students:

- Learn about the teacher's personal math story.
- Describe their math superpowers.
- Craft their personal math story.



Lessons 2-5: Math Is... a Way of Thinking

The second through fifth lessons focus on thinking habits within the classroom. Each lesson seeks to unpack the thinking habits that are integral to problem-solving. Students:

- Become mathematical thinkers.
- Apply the math practices in problem-solving.
- Communicate effectively about math.

What do you notice? What do you wonder? Learn Heather added two 2-digit numbers. There wasn't a zero in either number. What dod you wonder? What could be the numbers Heather added? When we do math, we use many strategies to make sense of problems. I can write an equation. I can write an equation. Whith two addends sum to 100? I can asic. When we do math, we use many strategies to make sense of problems. I can write an equation. Whith two addends sum to 100? Can the two numbers be 50 and 50? Or 60 and 40? What two addends sum to 100? Can the two numbers be 50 and 50? Or 60 and 40? What two addends sum to 100? Can the two numbers be 50 and 50? Or 60 and 40? What we work to solve problems but sometimes the first by obsert work. We keep bying and don't give up. I can think about different numbers? When we do math, we work to solve problems but sometimes the first by obsert work. We keep bying and don't give up. I can think about different numbers the first by obsert work. We keep bying and don't give up. I can think about different numbers the first by obsert work. We keep bying and don't give up. I can think about different numbers the first by obsert work. We keep bying and don't give up. I can think about different numbers the first by obsert was the problem? When we do math, we work to solve problems but sometimes the first by obsert work. We keep bying and don't give up. I can think about different numbers the first by obsert was the problem? When we do math, we work to solve problems but sometimes the first by obsert work. We keep bying and don't give up.

Lessons 6: Math Is... Ours

The sixth lesson recalls the objective of the previous lessons as students discuss what a positive and productive classroom environment looks like. Together, the class defines the classroom norms and expectations for the year. Students:

- Demonstrate a voice and choice in their classroom environment.
- Understand what skills and mindsets are expected within the math classroom.

Be Curious What do you notice? What do you wonder? How do we do math? We listen to our friends and teachers. We listen to our friends and teachers. What is a Mindset What can I do to be a good listener? We focus on our work. We focus on our work. We look for help when we feel stuck. Math is __Mindset What can I do to stay focused on my work? 20 Lessen 4 - Math is Our

Math Is...Prompts

Math Is...prompts are embedded throughout the Student Edition to remind students of classroom expectations throughout the year. These prompts help students to truly own their learning journey throughout the year.

Math is... Mindset

What can you do to work together with your classmates?