

Monday, September 8, 2025

Big Idea: Numbers can be represented in word form and standard form using place value understanding.

 Mild: Write 4,509 in words.

 Medium: Write 2 numbers between 6,000 and 7,000. Show their word form and explain the value of each digit.

 Spicy: Create a number in the ten-thousands that has a 4 in the thousands place and an 8 in the hundreds place. Write it in word form, and explain the value of the 4 and 8.

Tuesday, September 9, 2025

Number Lines & Benchmarks

Big Idea: We can place and estimate numbers on a number line using benchmarks.

- Mild: Place 0, 5, and 10 on a number line. Where would 6 go?
- Medium: Estimate where 3.6 would go on a number line between 0 and 10.
- Spicy: Create a number line from 0 to 1000. Show where 678 would be. Can you explain your reasoning using benchmarks like 500 and 750?

Wednesday, September 10, 2025

Expanded & Decomposed Form

Big Idea: Numbers can be broken apart (decomposed) in many different ways.

● Mild: Write 326 in expanded form.

● Medium: Decompose 5,032 into at least three different expressions.

● Spicy: Invent your own number between 10,000 and 20,000. Decompose it in at least two different ways and write it in expanded form. Bonus: represent it as a sum of multiples of 10.

Thursday, September 11, 2025

Equivalent Representations

Big Idea: Numbers can be represented in equivalent forms (e.g., decimals, fractions, visuals).

● Mild: Draw a hundred chart and shade in 0.3. What's the fraction?

● Medium: Represent 0.75 in three different ways.

● Spicy: Create two decimals that are equivalent but look different. Prove they are equal using a model or explanation.

Friday, September 12, 2025

Creative Representation Challenge

Big Idea: We can represent numbers visually, symbolically, or through stories.

🟢 Mild: Show the number 12 using a drawing (dots, tally marks, etc.).

🟡 Medium: Tell a short story that includes the number 150. Then represent 150 in two different ways (e.g., drawing, equation).

🔴 Spicy: Choose your favourite number and represent it in at least four different ways (word, expanded, picture, story, equation, etc.).