Math 3rd Grade
Third Nine Weeks

What will my child be learning during the third nine weeks of school?

- Determine the area of rectangles using multiplication.
- Determine the perimeter of a polygon.
- Determine the missing side length of a polygon when given the perimeter and remaining sides.
- Compare two fractions with the same numerator or denominator using reasoning.
- Represent equivalent fractions with denominators of 2, 3, 4, 6, and 8 using objects and pictorial models, including number lines
- Solve problems in all operations using the UPS✔ model

Academic Vocabulary

- Area/Perimeter
- Area model
- Dimensions
- Length/Width
- Square units
- Array
- Column/Row
- Factor/Product
- Multiplication
- Side
- Denominator/Numerator
- Greater than/Less than
- Part of the whole
- Size of the whole
- Equal shares
- Equivalent fraction

Developing Mathematical Fluency

- Measure area and perimeter of composite rectangles.
- Determine what unit of measurement makes the most sense when measuring an object (both customary and metric).
- Identify ways that fractions are used in real life.
- Place fractions on a numberline and explain why the fraction was placed in that location.
- Show ⅔ as many different ways as you can.

Conversation Starters

- How does multiplication relate to finding the area of a rectangle?
- How does perimeter and area relate? How are they different? Can they be the same value? What is an example?
- What is the difference between metric and customary measurements?
- How do you use reasonableness to determine which fraction is larger when they both have the same numerator or denominator?
- How do you know when a fraction is equivalent to a whole number?
- How many ways can you decompose ¾?
- How many ways can you represent $\frac{2}{6}$?