

Grade 2 Mathematics
First Trimester
September 8 – November 4

September: Addition and Subtraction Strategies

Essential Questions:

How can the strategies of counting on or counting back 1, 2, or 3 make finding a sum/difference easier?

How can using a known double to add numbers that differ by 1 or 2 make finding a sum easier?

How can knowing family of facts assist with mental math?

Skills:

Create number stories that involve addition.

Write addition number sentences.

Solve problems that involve addition.

Use the count on strategy to add 1, 2, or 3.

Use a known double to add numbers that differ by 1 or 2.

Create, model, and solve subtraction problems.

Write related number sentences.

Use the count back strategy to subtract 1, 2, or 3.

Understand the relationship between addition and subtraction.

Write a "family" of related addition and subtraction facts.

Solve subtraction problems that involve finding a missing addend.

Solve subtraction problems that involve finding a difference.

Choose the appropriate operation and use it to solve a story problem.

Create, model, and solve addition and subtraction problems.

Create number stories with a given answer and complete the related number facts.

Interpret, analyze, and represent data in a graph.

October: Measurement and Geometry

Essential Questions:

What units can be used to measure objects?

What are parallel lines?

What is the difference between horizontal lines and vertical lines?

What are the names, shapes, faces, edges, and vertices of 3 D shapes?

Skills:

Recognize the attributes of length, capacity and weight.

Measure length with multiple copies of nonstandard units of the same size, placed end to end.

Use repetition of a single unit to measure length.

Measure length using standard units (inches).

Describe quantitative change.

Use tools to measure length.

Make connections among units of length.

Solve problems that involve length.