

Mathematical Practice Standards: Make sense of, communicate, connect and justify mathematical ideas to support understanding and learning across all mathematical concepts

- Make sense of problems and persevere in solving them
- Reason abstractly and quantitatively
- Construct viable arguments and critique the reasoning of others
- Model with mathematics
- Use appropriate tools strategically
- Attend to precision
- Look for and make use of structure
- Look for and express regularity in repeated reasoning

Represent and Solve Problems Involving Addition and Subtraction

- Represent and solve word problems within 20 (2.OA.1)
- Fluently add and subtract within 20 (2.OA.2)

Understand and Use Place Value

- Extend understanding of base-ten notation to the thousands place (2.NBT.1-4)
- Fluently add and subtract within 100 (2.NBT.5)
- Add within 1,000 and understand that when adding three-digit numbers, students add or subtract hundreds and hundreds, tens and tens, and ones and ones, and that it is sometimes necessary to compose or decompose tens or hundreds (2.NBT.6-7)

Develop Concepts of Measurement

- Recognize the need for standard units of measure. Estimate lengths and use appropriate tools to measure the length of objects using standard units (2.MD.1-4)
- Relate addition and subtraction to length (2.MD.5-6)

Supporting Standards: Geometry, Time, Money

- Determine whether a group of objects has an odd or even number of members. Use addition to find the total number objects arranged in rectangular arrays. (2.OA.3-4)
- Mentally add or subtract ten from a given number. Explain why addition and subtraction strategies work. (2.NBT.8-9)
- Tell and write time to the nearest 5 minutes. (2.MD.7)
- Generate measurement data and show the measurements on a line plot. Draw a picture graph and bar graph to represent data. (2.MD.9-10)
- Solve word problem involving dollars and cents. (2.MD.8)
- Recognize and draw shapes (2.G.1). Partition a rectangle into rows and columns of same-size squares. (2.G.2) Partition circles and rectangles in two, three or four shares and use fractional language to describe the parts. (2.G.3)