



Dear First Grade Families,

In Unit 4, students will work on the following first grade Common Core standard in the Operation and Algebraic Thinking (OA) domain.

1.OA.1	Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
1.OA.2	Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
1.OA.3	Apply properties of operations as strategies to add and subtract. <i>Examples: If $8 + 3 = 11$ is known, then $3 + 8 = 11$ is also known. (Commutative property of addition.) To add $2 + 6 + 4$, the second two numbers can be added to make a ten, so $2 + 6 + 4 = 2 + 10 = 12$. (Associative property of addition.)</i>

Unit 4 Concepts:

- Find sums
- Find unknown addends
- Write equations
- Solve word problems with two and three addends
- Add three addends
- Both addends unknown
- Compare to find unknowns

Unit 4 Vocabulary:

- Addition equation
- Missing addend
- Unknown
- More
- Less, fewer

Ask questions like these to help your child become a productive mathematical thinker:

- You ate 6 carrots and there are 3 left. How many did you start with?
- There were 12 eggs in the refrigerator and now there are 8. How many were eaten?
- If there are 9 cookies for you and me to share, how many could be mine? How many could be yours?
- Max read 5 books, which is 3 more than Dan. How many books did Dan read?
- You ate 10 grapes. I ate 6 fewer than you. How many did I eat?
- Does your answer make sense?
- Prove your equation is correct with a model.

Need a review? Check out our lesson videos on-line!

swunmath.com/student-videos

If you don't know the class's special name, ask your child's teacher.

We encourage you to talk with your child daily about what was learned in math class.

Thank you for your support!