Dear Third Grade Families,

In Unit 3, students will work on the following third grade Common Core standards in the Operations and Algebraic Thinking (OA) domain. The focus of this unit is a conceptual understanding of division, not on the formal division algorithm.

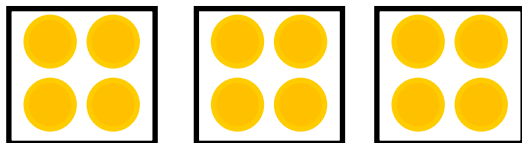|	
3.OA.2	Interpret whole-number quotients of whole numbers, e.g., interpret 56 ÷ 8 as the number of objects in each share when 56 objects are partitioned equally into 8 shares, or as a number of shares when 56 objects are partitioned into equal shares of 8 objects each. *For example, describe a context in which a number of shares or a number of groups can be expressed as 56÷8.*
3.OA.6	Understand division as an unknown-factor problem. *For example, find 32 ÷ 8 by finding the number that makes 32 when multiplied by 8.*

Unit 3 Concepts:
- Multiplication and division as inverse operations
- Division as sharing
- Division as grouping

$$34 \div 2 = 17$$
dividend divisor quotient

If 12 oranges are packed into 3 boxes, how many oranges are in each box?

There are 4 oranges in each of the 3 boxes.

Unit 3 Vocabulary:
- Inverse operation
- Fact family
- Dividend
- Divisor
- Quotient

Ask questions like these to help your child become a productive mathematical thinker:
- How do you know your answer makes sense?
- What do you notice about the answer when you multiply or divide?
- What conclusions can you make from your division model?
- How is division like multiplication?
- What opportunities do we have to divide in every day life?
- How does being fluent with your multiplication facts help you with division?

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!