



Dear Fourth Grade Families,

In Unit 1, students will work on the following fourth grade Common Core standards in the domains of Number & Operation in Base Ten (NBT) and Operations & Algebraic Thinking (OA):

4.NBT.2	Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons.
4.NBT.3	Use place value understanding to round multi-digit whole numbers to any place.
4.NBT.4	Fluently add and subtract multi-digit whole numbers using the standard algorithm.
4.OA.5	Generate a number or shape pattern that follows a given rule. Identify apparent features of the pattern that were not explicit in the rule itself. <i>For example, given the rule "Add 3" and the starting number 1, generate terms in the resulting sequence and observe that the terms appear to alternate between odd and even numbers. Explain informally why the numbers will continue to alternate in this way.</i>

Unit 1 Concepts:

- Read and write multi-digit whole numbers
- Read and write multi-digit whole numbers in expanded form
- Compare two multi-digit whole numbers using $>$, $<$ and $=$
- Round numbers to any place
- Add & subtract multi-digit numbers using the standard algorithm
- Generate and identify number and shape patterns

Unit 1 Vocabulary:

- Digit
- Place value
- Rounding
- Pattern
- Compare

Four hundred six thousand, nine hundred eighty-four

406,984

$400,000 + 6,000 + 900 + 80 + 4$

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

- When would you compare multi-digit whole numbers in real life?
- Why is it important to round numbers accurately? When could that be useful?
- When would it be helpful to look for numbers that follow a general rule or pattern?
- What tool can help you with the values of the digits in a number?

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!