

Unit 2

Family Letter

Florida Reveal
MATH[®]

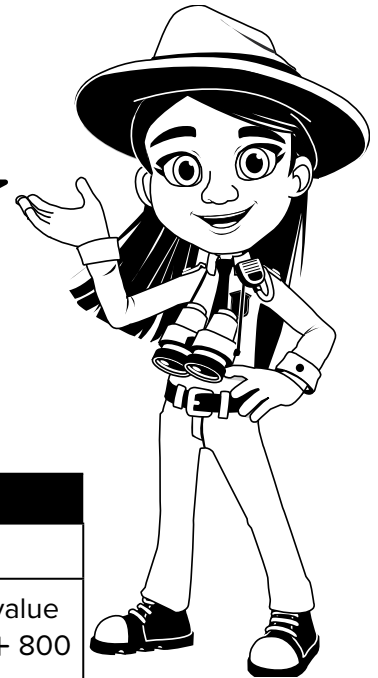
Dear Family,

In this unit, Place Value and Number Relationships, your child will learn how to represent 4-digit numbers. Your child will also learn strategies to compose, decompose, compare, order, and round 4-digit numbers.

STEM Career Kid for this Unit

Hi, I'm Poppy.

I want to be a park ranger. I will use math in my job when I study the number of people that visit different parks each month. I will show students how I will use place value in my work.



What math terms will your child use?

Term	Student Understanding
decompose	to break something into parts
expanded form	a representation of a number as a sum that shows the value of each digit; 9,834 written in expanded form is $9,000 + 800 + 30 + 4$.
round	to decide whether a number is to the left or to the right of the halfway point; For example, 2,873 rounded to the nearest thousand is 3,000.
standard form	the usual way of writing a number that shows only its digits, no words

What can your child do at home?

Help your child develop fluency with place value. Choose a 4-digit number. Work with your child to see how many different ways you can decompose the number.



What Will Students Learn in This Unit?

Representing Greater Numbers

Your child will learn how to represent 4-digit numbers using expanded form, word form, and standard form.

4,562	$4,000 + 500 + 60 + 2$	four thousand, five hundred sixty-two
standard form	expanded form	word form

Comparing and Ordering Numbers

Your child will use place value to compare two 4-digit numbers. Students will learn to compare two multi-digit numbers by comparing the digits in each place value, starting with the greatest place value, until the digits are different. When comparing 6,284 and 6,384, the digits are first different in the hundreds place. Since 3 is greater than 2, 6,384 is greater than 6,284.

When your child orders numbers, they list the numbers from least to greatest or greatest to least.

Rounding Numbers

Your child will also learn how to round 4-digit numbers to any place value. At first, students use a number line to round numbers and then learn how to round numbers without a number line. It is important that students are fluent with place value in order to round correctly.

Decomposing Numbers

Your child will learn how to decompose numbers in different ways. They will create addition sentences that represent the number.

Example:

Here are three of the ways the number 2,593 can be decomposed.

- 2 thousands + 5 hundreds + 9 tens + 3 ones
- 25 hundreds + 93 ones
- 2 thousands + 59 tens + 3 ones

Your child will also be given a decomposed number and compose it. That means that they will write the number it represents in standard form.