

# Unit 1 - Place Value

Content Area: **Mathematics**  
Course(s):  
Time Period: **September**  
Length: **3-4 weeks**  
Status: **Published**

## Unit Overview

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Unit 1 connects with the theme of Our Great Outdoors, which centers around large numbers in our world, such as populations, distances, and situations involving money. This unit concentrates on the Number and Operations in Base Ten (NBT) domain. Students will learn the different aspects of place value, understanding that place value is an important tool for solving problems and checking the reasonableness of solutions.

## Essential Questions

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"How does place value help represent the value of numbers?"

## Content

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Place Value

Read and Write Multi-Digit Numbers

Compare Numbers

Order Numbers

Use Place Value to Round

Problem-Solving Investigation: Use the Four-Step Plan

## Skills

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Identify the place value of digits in multi-digit numbers.

Read and write multi-digit whole numbers.

Compare numbers using a number line and a place-value chart.

Order numbers by using a place-value chart and comparing the digit values.

Estimate numbers by rounding.

Use the four-step plan to solve problems.

## Assessments

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Online Readiness Quiz

Vocabulary Check

Concept Check - Check My Progress

Chapter Test

Teacher Observation

## Lessons/Learning Scenarios

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MyMath Grade 4

Chapter 1: Lessons 1-6

## Standards

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|-----------------------------|---|
| CCSS.Math.Content.4.NBT.A.1 | Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.   |
| CCSS.Math.Content.4.NBT.A.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. |
| CCSS.Math.Content.4.NBT.A.3 | Use place value understanding to round multi-digit whole numbers to any place.  |

## Resources

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MyMath Grade 4: McGraw-Hill (2012)

- base-ten blocks
- index cards with 4-digit numbers from 1,000 to 6,000 on them

