# Unit 1a-Generalize Place Value Understanding <br> Content Area: Math <br> Course(s): Math 4 <br> Time Period: $\quad$ Marking Period 1 <br> Length: MP1 Topic 11-1 to 1-5 <br> Status: Published 

## Essential Questions

- How are greater numbers written?
- How can whole numbers be compared?
- How are place values related?


## Big Ideas

- Read and Write Multi-Digit Whole Numbers:

Students draw on these understandings throughout the topic.

## - Place-Value Relationships and Comparison:

Introduce the concept of the place value to the left of a given place is 10 times as great as that of the given place

- Round Whole Numbers: Students use their understanding of place value to round whole numbers. They analyze the place values of digits and use that analysis to determine which multiple of 10,100 , or 1,000 .


## Technology Integration

8.1.5.A. 1 Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

Activity:
Post an assignment in Google Classroom where students watch a Math Antics Place Value video to introduce the topic. Afterwards, students will complete a guided Google Classroom reflection.

## Enduring Understandings

4.NBT.A. 1 [M] 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. For example, recognize that $700 \div 70=10$ by applying concepts of place value and division.
4.NBT.A. 2 [M] 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.A. 3 [M] Use place value understanding to round multi-digit whole numbers to any place.

## Mathematical Practices Focus

3. Construct viable arguments and critique the reasoning of others.
