

Unit Plan by Prioritized Standards

Content Area	Mathematics
Grade/Course	4th Grade
Unit of Study	Module 1, Engage NY, Place Value, Rounding, and Algorithms for Addition and Subtraction
Duration of Unit	17 Days

Insert priority standards below (include code). **CIRCLE or Highlight** the **SKILLS** that students need to be able to do and **UNDERLINE** the **CONCEPTS** that students need to know. (**address “supporting” standards in daily lesson plans**)

4.0A.3 **Solve** multi-step word problems with whole numbers and having whole number answers using the 4 operations, including problems in which remainders must be interpreted. **Represent** these problems using equations with a symbol or letter standing for the unknown quantity. **Assess** the reasonableness of answers **using** mental computation and estimation strategies including rounding.

Skills (what must be able to do)	Concepts (what students need to know)	DOK Level / Bloom's
Solve Represent Assess Use	Word problems Equations Reasonableness 4 operations Remainders Unknown quantity Mental computation Estimation strategies	Apply-2 Understand-1 Evaluate-3

Step 5: Determine BIG Ideas (enduring understandings students will remember long after the unit of study)

Step 6: Write Essential Questions (these guide instruction and assessment for all tasks. The big ideas are answers to the essential questions)

The student will be able to solve word problems (4 operations) with remainders and assess the reasonableness of their answers with rounding and mental computation.

Students will understand how to add, subtract, multiply, and divide when solving word problems involving whole numbers.

Students will develop mental computation abilities to determine how reasonable their answer is, using rounding and estimation skills.

How do I solve multi step word problems using addition, subtraction, multiplication, and division?

How do I use rounding and estimation to determine if my answer makes sense?

Essential Unit Vocabulary

Ten thousands, hundred thousands, millions, algorithm, variable, sum, difference, rounding, place value, digit, expanded form, word form, standard form, tape diagram, number line, unbundling, number sentence, $<$, $>$, $=$.

Next step, create assessments and engaging learning experiences

