

Unit Plan by Prioritized Standards

Content Area	Mathematics
Grade/Course	4th Grade
Unit of Study	Module 6, Engage NY
Duration of Unit	11 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.MD.2 **Use** the four operations to **solve** word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. **Represent** measurement quantities using diagrams such as number line diagrams that feature a measurement scale.

4.NF.7 **Compare** two decimals to hundredths by reasoning about their size. **Recognize** that comparisons are valid only when the two decimals refer to the same whole. **Record** the results of comparisons with the symbols $>$, $<$, $=$ and justify the conclusions, e.g., by using a visual model.

Skills (what must be able to do)	Concepts (what students need to know)	DOK Level / Bloom's
Solve Use Represent Compare Recognize Record Justify Reason	Four operations, word problems Measurement Quantities, distances Intervals of time, liquid volumes Mass of objects, money, fractions Decimals, diagrams, number lines Decimals, comparisons Results of comparisons, conclusions Hundredths, symbols	Understand-1 Apply-1 Analyze-2 Understand-1 Understand-2 Understand-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 in measurement using the four operations with fractions and decimals on measurement scales and represent the problem on a measurement scale.

Students will solve word problems using the four operations involving measurement and money with fractions and decimals by using diagrams.

Students will represent measurement quantities using diagrams.

Students will compare decimals to the hundredths and record the results using $<$, $>$, or $=$.

Students will compare decimals to the hundredths by reason about their size and using $>$, $<$, or $=$.

How can I use the four operations to solve word problems involving measurement and money with fractions and decimals?

How can I represent measurement quantities?

How can I compare decimals to the hundredths?

Essential Unit Vocabulary	
Decimal expanded form, decimal fraction, decimal number, decimal point, fraction expanded form, hundredth, tenth.	
Next step, create assessments and engaging learning experiences	