

Unit 1 Overview

Math Units of Study

**STAGE 1- DESIRED RESULTS**

**FOCUS STANDARDS**  
 Module 1: 2.NBT.1, 2.NBT.5      Module 2: 2.MD.5, 2.MD.1      Module 3: 2.OA.2, 2.NBT.7

**ESSENTIAL QUESTIONS**  
 Module 1 : How can Base 10 and place value help me solve problems?  
 Module 2: How can I use different measuring tools to solve problems?  
 Module 3: How can relationships between numbers and/or operations help me solve problems?

**ENDURING UNDERSTANDINGS**

- Students recognize that numbers can be composed and decomposed to solve problems.
- Students recognize that place value can be used to add and subtract more efficiently.
- Students recognize properties of operations can be used to add and subtract more efficiently.
- Students recognize the need for standard units of measure

**KNOWLEDGE/CONCEPTS**  
*Student will know...*

- Place Value
- Compose, Decompose
- Notation
- Property Work
- Symbols: +, -, =, >, <
- Equation, Expression, Number Sentence, Variable
- Zero Point, Distance traveled No Gaps
- Unit Iteration
- Tools: ruler, yardstick, meter stick, measuring tape
- Units: inches, feet, centimeters, meters
- Coins: pennies, nickels, dimes, and quarters, and bills

**SKILLS**  
*During the unit, the students will practice and be able to...*

- Compose and decompose numbers based on base ten
- Add and subtract up to 250 using place value and properties of operations
- Justify/Explain why a strategy worked using place value or properties of operations
- Write equations or expressions to represent thinking
- Identify and apply different symbols used to represent operations
- Generate rules of measure and apply to real life situations
- Add and Subtract measurements within 100
- Combine coins and bills efficiently using place value understanding and relationships
- Solve word problems with a context of money

**SUPPORTING STANDARDS**

2.OA.1 2.NBT.3 2.NBT.4 2.NBT.8	2.NBT.9 2.MD.8 2.MD.D.10
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**STAGE 2- ASSESSMENTS**

[2nd Grade Assessment Protocol](#)

ASSESSMENT 1: [FACTS FLUENCY ASSESSMENT](#)      [Fact Fluency Assessment Schedule](#)

ASSESSMENT 2: [Assessment JCU](#) (ASSESS WEEK 8 OR 9)

ASSESSMENT 3: [Assessment SRU](#) (ASSESS WEEK 8 OR 9)

**STAGE 3- LEARNING ACTIVITIES**

[DAILY NUMBER WORK](#)      [2nd PROBLEM PROGRESSION](#)

**LINKS TO MODULES**

MODULE 1: [BASE TEN AND PLACE VALUE](#)  
 MODULE 2: [MEASUREMENT](#)  
 MODULE 3: [ADDITION AND SUBTRACTION](#)

[CALENDAR VIEW](#)