

EnVision Math Unit Lesson Plan			Common Core Standards: 4.NBT.1; 4.NBT.2; 4.NBT.3	
Grade Level: Fourth Grade		Topic 3: Place Value		
Instructional Emphasis: Number and Operations in Base Ten			Essential Questions: <ul style="list-style-type: none">What are some ways to represent numbers in the thousands? (3-1)How do the digits in a multi-digit number relate to each other? (3-2)How can place value help you compare whole numbers? (3-3)How do you compare numbers? (3-4)How can you round numbers? (3-5)How can you use a list to find possible combinations? (3-6)	
Big Ideas: <ul style="list-style-type: none">3-1: Our number system is based on groups of ten. Whenever we get 10 in one place value, we move to the next greater place value.3-2: In a multi-digit whole number, a digit in one place represents ten times what it would represent in the place immediately to its right.3-3, 3-4: Place value can be used to compare and order numbers.3-5: Rounding whole numbers is a process for finding the multiple of 10, 100, and so on closest to a given number.3-6: Some problems can be solved by generating a list of outcomes and organizing that list in a systematic way so all outcomes are accounted for.				
Lesson 1: Representing Numbers	Lesson 2: Place Value Relationships	Lesson 3: Comparing Numbers	Lesson 4: Ordering Numbers	Lesson 5: Rounding Whole Numbers
Vocabulary: digits; place value; standard form; expanded form; word form Objective: Students will read and write 3-digit and 4-digit numbers. Materials: Place-Value Blocks (or Teaching Tools 8 and 9) Content Reviewed: Place Value; Write Numbers; Subtraction; Measurement; Time; Rounding Standard: 4.NBT.2; 4.NBT.1	Vocabulary: Objective: Students will learn how digits within a multi-digit whole number relate to each other by their place value. Materials: Place-Value Blocks (or Teaching Tools 8 and 9) Content Reviewed: Write Numbers; Number Patterns; Breaking Apart to Multiply; Extending Tables; Problem Solving; Fact Families Standard: 4.NBT.1; 4.NBT.2	Vocabulary: compare Objective: Students will compare whole numbers through hundred thousands. Materials: Place-Value Blocks (or Teaching Tools 8 and 9) Content Reviewed: Place Value; Writing Whole Numbers; Ordering Numbers; Measurement; Writing Whole Numbers; Subtractions Standard: 4.NBT.2	Vocabulary: Objective: Students will apply their knowledge of place value to compare and order numbers. Materials: Recording Sheet: Comparing and Ordering Whole Numbers (Teaching Tool 28) Content Reviewed: Place Value; Multiplication; Patterns; Money; Graphs; Problem Solving Standard: 4.NBT.2	Vocabulary: Objective: Students will show how to use place value to round whole numbers. Materials: Number Lines (Teaching Tool 14) Content Reviewed: Writing Whole Numbers; Symbols; Rounding; Perimeter; Order Whole Numbers; Writing Whole Numbers; Using Tables; Compare Whole Numbers Standard: 4.NBT.3
Assessment	Assessment	Assessment	Assessment	Assessment
Topic 3 Introduction Daily Common Core Review Problem-Based Interactive Learning	Daily Common Core Review Problem-Based Interactive Learning Guided Practice	Daily Common Core Review Problem-Based Interactive Learning Guided Practice	Daily Common Core Review Problem-Based Interactive Learning Guided Practice	Daily Common Core Review Problem-Based Interactive Learning Guided Practice

Guided Practice Independent Practice Problem Solving Quick Check Master Center Activity Reteaching, Practice, and Enrichment Homework	Independent Practice Problem Solving Quick Check Master Center Activity Reteaching, Practice, and Enrichment Homework	Independent Practice Problem Solving Quick Check Master Center Activity Reteaching, Practice, and Enrichment Homework	Independent Practice Problem Solving Quick Check Master Center Activity Reteaching, Practice, and Enrichment Homework	Independent Practice Problem Solving Quick Check Master Center Activity Reteaching, Practice, and Enrichment Homework
Lesson 6: Problem Solving: Make an Organized List				
Vocabulary: Objective: Students will systematically find and record all possible outcomes for situation. Materials: Content Reviewed: Order Whole Numbers; Order Money Amounts; Count Money; Algebra; Problem Solving; Number Lines Standard: 4.NBT.1				
Assessment				
Daily Common Core Review Problem-Based Interactive Learning Guided Practice Independent Practice Problem Solving Quick Check Master Center Activity Reteaching, Practice, and Enrichment Homework Topic 3 Assessment				