

Common Core State Standards Alignment Sheet Beyond Base Ten

Lesson	Common Core State Standards in Math
Lesson 1: Preassessment	3.NBT.A Use place value understanding and properties of operations to perform multi-digit arithmetic. 4.OA.C Generate and analyze patterns. 4.NBT.A Generalize place value understanding for multi-digit whole numbers. 5.OA.B Analyze patterns and relationships. 4.NBT.B Use place value understanding and properties of operations to perform multi-digit arithmetic. 5.NBT.A Understand the place value system.
Lesson 2: Introduction to Place Value	4.NBT.A Generalize place value understanding for multi-digit whole numbers. 5.NBT.A Understand the place value system.
Lesson 3: Super Bowl XXXIX	3.OA.D Solve problems involving the four operations, and identify and explain patterns in arithmetic. 4.OA.C Generate and analyze patterns. 5.OA.B Analyze patterns and relationships
Lesson 4: Base Five	4.NBT.A Generalize place value understanding for multi-digit whole numbers. 4.MD.A Solve problems involving measurement and conversion of measurements. 5.NBT.A Understand the place value system. 5.MD.A Convert like measurement units within a given measurement system.
Lesson 5: Babylonians and Base Sixty	3.OA.D Solve problems involving the four operations, and identify and explain patterns in arithmetic. 3.MD.A Solve problems involving measurement and estimation. 4.OA.B Gain familiarity with factors and multiples. 4.OA.C Generate and analyze patterns. 4.NF.C Understand decimal notation for fractions, and compare decimal fractions. 4.MD.A Solve problems involving measurement and conversion of measurements. 5.OA.B Analyze patterns and relationships. 5.NBT.A Understand the place value system.
Lesson 6: Base Two	3.NBT.A Use place value understanding and properties of operations to perform multi-digit arithmetic. 4.OA.C Generate and analyze patterns. 4.NBT.A Generalize place value understanding for multi-digit whole numbers. 4.NF.C Understand decimal notation for fractions, and compare decimal fractions. 4.MD.A Solve problems involving measurement and conversion of measurements. 5.OA.B Analyze patterns and relationships. 5.NBT.A Understand the place value system. 5.MD.A Convert like measurement units within a given measurement system.
Lesson 7: Mayans and Base Twenty	4.OA.B Gain familiarity with factors and multiples. 4.OA.C Generate and analyze patterns. 5.OA.B Analyze patterns and relationships. 5.NBT.A Understand the place value system. 6.EE.A Apply and extend previous understandings of arithmetic to algebraic expressions.
Lesson 8: Changing Bases	3.OA.D Solve problems involving the four operations, and identify and explain patterns in arithmetic. 4.OA.C Generate and analyze patterns. 4.NBT.A Generalize place value understanding for multi-digit whole numbers. 4.MD.A Solve problems involving measurement and conversion of measurements. 5.OA.B Analyze patterns and relationships. 5.NBT.A Understand the place value system. 5.MD.A Convert like measurement units within a given measurement system.
Lesson 9: Operations in Various Bases	3.NBT.A Use place value understanding and properties of operations to perform multi-digit arithmetic. 4.NBT.B Use place value understanding and properties of operations to perform multi-digit arithmetic. 5.NBT.A Understand the place value system. 5.NBT.B Perform operations with multi-digit whole numbers and with decimals to hundredths.
Lesson 10: Postassessment	3.NBT.A Use place value understanding and properties of operations to perform multi-digit arithmetic. 4.OA.C Generate and analyze patterns. 4.NBT.A Generalize place value understanding for multi-digit whole numbers. 5.OA.B Analyze patterns and relationships. 4.NBT.B Use place value understanding and properties of operations to perform multi-digit arithmetic. 5.NBT.A Understand the place value system.