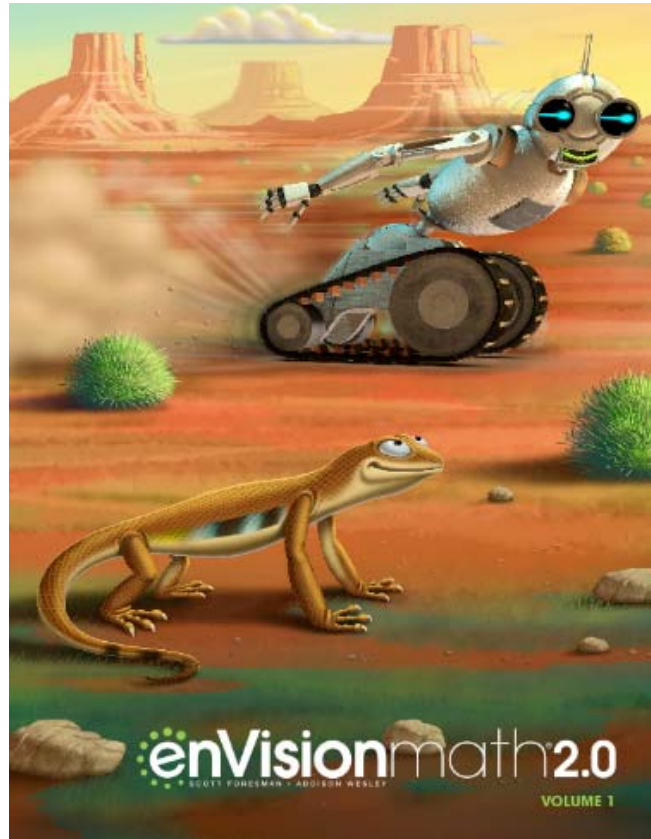


A Correlation of

enVisionmath[®] 2.0

SCOTT FORESMAN • ADDISON WESLEY



To the
**Common Core Curriculum Framework
Progress Guide Mathematics
Prince George's County Public Schools**
Grade 4

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

Introduction

enVisionmath2.0 is a comprehensive K-6 mathematics curriculum that provides the focus, coherence, and rigor required by the CCSSM. **enVisionmath2.0** offers a balanced instructional model with an emphasis on conceptual understanding, fluency, and application through rigorous problem solving. PearsonRealize online learning management system offers the flexibility and data teachers need to customize content and monitor student progress so that all students demonstrate proficiency in the CCSSM.

The new **enVisionmath2.0** is organized to promote **Focus, Coherence, and Rigor**.

- Focus on **Common Core Clusters**
- Develop **Coherence** across and within grades
- **Conceptual Understanding** lays the foundation for **Rigor**

Problem-based learning and visual learning personalize learning of rigorous mathematics! The new **enVisionmath2.0** program engages learners with:

- Interactive learning aids and video tutorials
- Personalized practice and immediate feedback
- Built-in Rtl activities in multiple modalities

The new **enVisionmath2.0** program lets you customize content, auto-assign differentiation, and use assessment data quickly and easily to adjust instruction for your learners.

- Upload district content and other favorite resources
- Customize topics and lessons
- Assess in the format of the new high-stakes assessments

enVisionmath2.0 is the next evolution of a proven program that supports the latest interpretation of the CCSSM and the Next Generation assessment objectives.

A Correlation of enVision^{math}2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics- Grade 4, Prince George’s County Public Schools

Table of Contents

| | |
|-----------------------|-----------|
| Quarter 1..... | 1 |
| Quarter 2..... | 4 |
| Quarter 3..... | 10 |
| Quarter 4..... | 16 |

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|--|
| Quarter 1 | |
| Unit 1 | |
| <ul style="list-style-type: none"> ■ Use the four operations with whole numbers to solve problems. (4.OA.1-3) | <p>Lesson 2-2: Mental Math: Estimate Sums and Differences</p> <p>Lesson 2-3: Add Whole Numbers</p> <p>Lesson 2-4: Subtract Whole Numbers</p> <p>Lesson 2-6: Math Practices and Problem Solving</p> <p>Lesson 3-2: Mental Math: Round to Estimate Products</p> <p>Lesson 3-7: Multiply 2- and 3-Digit Numbers by 1-Digit Numbers</p> <p>Lesson 3-8: Multiply 4-Digit by 1-Digit Numbers</p> <p>Lesson 3-9: Multiply by 1-Digit Numbers</p> <p>Lesson 4-1: Mental Math: Multiply Multiples of 10</p> <p>Lesson 4-3: Estimate: Use Rounding</p> <p>Lesson 4-5: Arrays and Partial Products</p> <p>Lesson 4-7: Use Partial Products to Multiply by 2-Digit Numbers</p> <p>Lesson 4-8: Multiply 2-Digit Numbers by Multiples of 10</p> <p>Lesson 4-9: Multiply 2-Digit by 2-Digit Numbers</p> <p>Lesson 4-10: Continue to Multiply by 2-Digit Numbers</p> <p>Lesson 4-11: Math Practices and Problem Solving</p> <p>Lesson 5-5: Division as Sharing</p> <p>Lesson 5-6: Use Partial Quotients to Divide</p> <p>Lesson 5-7: Use Partial Quotients to Divide: Greater Dividends</p> <p>Lesson 5-10: Math Practices and Problem Solving</p> <p>Lesson 6-1: Solve Comparison Situations</p> <p>Lesson 6-2: Continue to Solve Comparison Situations</p> <p>Lesson 6-3: Solve Multi-Step Problems</p> <p>Lesson 6-4: Solve More Multi-Step Problems</p> <p>Lesson 6-5: Math Practices and Problem Solving</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|--|---|
| <ul style="list-style-type: none"> ■ Generalize place value understanding for -digit numbers (4.NBT.1-3) | <p>Lesson 1-1: Numbers Through One Million Lesson 1-2: Place Value Relationships Lesson 1-3: Compare Whole Numbers Lesson 1-4: Round Whole Numbers Lesson 1-5: Math Practices and Problem Solving</p> |
| <ul style="list-style-type: none"> ■ Use place value understanding and properties of operations to perform multi -digit arithmetic (4.NBT.4-6) | <p>Lesson 2-1: Mental Math: Find Sums and Differences Lesson 2-2: Mental Math: Estimate Sums and Differences Lesson 2-3: Add Whole Numbers Lesson 2-4: Subtract Whole Numbers Lesson 2-5: Subtract Across Zero Lesson 2-6: Math Practices and Problem Solving Lesson 3-1: Mental Math: Multiply by Multiples of 10, 100, and 1,000 Lesson 3-2: Mental Math: Round to Estimate Products Lesson 3-3: The Distributive Property Lesson 3-4: Mental Math Strategies for Multiplication Lesson 3-5: Arrays and Partial Products Lesson 3-6: Use Partial Products to Multiply by 1-Digit Numbers Lesson 3-7: Multiply 2- and 3-Digit Numbers by 1-Digit Numbers Lesson 3-8: Multiply 4-Digit by 1-Digit Numbers Lesson 3-9: Multiply by 1-Digit Numbers Lesson 3-10: Math Practices and Problem Solving Lesson 4-1: Mental Math: Multiply Multiples of 10 Lesson 4-2: Use Models to Multiply 2-Digit Numbers by Multiples of 10 Lesson 4-3: Estimate: Use Rounding Lesson 4-4: Estimate: Use Compatible Numbers Lesson 4-5: Arrays and Partial Products Lesson 4-6: Multiply Using the Distributive Property</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|--|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Use place value understanding and properties of operations to perform multi -digit arithmetic (4.NBT.4-6) | <p>Lesson 4-7: Use Partial Products to Multiply by 2-Digit Numbers Lesson 4-8: Multiply 2-Digit Numbers by Multiples of 10 Lesson 4-9: Multiply 2-Digit by 2-Digit Numbers Lesson 4-10: Continue to Multiply by 2-Digit Numbers Lesson 4-11: Math Practices and Problem Solving Lesson 5-1: Mental Math: Find Quotients Lesson 5-2: Mental Math: Estimate Quotients Lesson 5-3: Mental Math: Estimate Quotients for Greater Dividends Lesson 5-4: Interpret Remainders Lesson 5-5: Division as Sharing Lesson 5-6: Use Partial Quotients to Divide Lesson 5-7: Use Partial Quotients to Divide: Greater Dividends Lesson 5-8: Divide with 1-Digit Numbers Lesson 5-9: Continue to Divide with 1-Digit Numbers Lesson 5-10: Math Practices and Problem Solving Lesson 6-1: Solve Comparison Situations Lesson 6-2: Continue to Solve Comparison Situations Lesson 6-3: Solve Multi-Step Problems Lesson 6-4: Solve More Multi-Step Problems Lesson 6-5: Math Practices and Problem Solving Lesson 7-3: Math Practices and Problem Solving Lesson 13-6: Solve Perimeter and Area Problems Lesson 13-7: Math Practices and Problem Solving</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|--|---|
| Unit 2 | |
| <ul style="list-style-type: none"> ■ Extend understanding of fraction equivalence and ordering. (4.NF.1-2) | <p>Lesson 8-1: Equivalent Fractions: Area Models Lesson 8-2: Equivalent Fractions: Numbers Lines Lesson 8-3: Generate Equivalent Fractions: Multiplication Lesson 8-4: Generate Equivalent Fractions: Division Lesson 8-5: Use Benchmarks to Compare Fractions Lesson 8-6: Compare Fractions Lesson 8-7: Math Practices and Problem Solving Lesson 11-2: Make Line Plots</p> |
| <ul style="list-style-type: none"> ■ Understand decimal notation for fractions and compare decimal fractions. (4.NF.5-7) | <p>Lesson 12-1: Fractions and Decimals Lesson 12-2: Fractions and Decimals on the Number Line Lesson 12-3: Compare Decimals Lesson 12-4: Add Fractions with Denominators of 10 and 100 Lesson 12-5: Solve Word Problems Involving Money Lesson 12-6: Math Practices and Problem Solving</p> |
| Quarter 2 | |
| Unit 3 | |
| <ul style="list-style-type: none"> ■ Use place value understanding and properties of operations to perform - digit arithmetic. (4.NBT.4-6) | <p>Lesson 2-1: Mental Math: Find Sums and Differences Lesson 2-2: Mental Math: Estimate Sums and Differences Lesson 2-3: Add Whole Numbers Lesson 2-4: Subtract Whole Numbers Lesson 2-5: Subtract Across Zero Lesson 2-6: Math Practices and Problem Solving Lesson 3-1: Mental Math: Multiply by Multiples of 10, 100, and 1,000 Lesson 3-2: Mental Math: Round to Estimate Products Lesson 3-3: The Distributive Property</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|--|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Use place value understanding and properties of operations to perform - digit arithmetic. (4.NBT.4-6) | <p>Lesson 3-4: Mental Math Strategies for Multiplication Lesson 3-5: Arrays and Partial Products Lesson 3-6: Use Partial Products to Multiply by 1-Digit Numbers Lesson 3-7: Multiply 2- and 3-Digit Numbers by 1-Digit Numbers Lesson 3-8: Multiply 4-Digit by 1-Digit Numbers Lesson 3-9: Multiply by 1-Digit Numbers Lesson 3-10: Math Practices and Problem Solving Lesson 4-1: Mental Math: Multiply Multiples of 10 Lesson 4-2: Use Models to Multiply 2-Digit Numbers by Multiples of 10 Lesson 4-3: Estimate: Use Rounding Lesson 4-4: Estimate: Use Compatible Numbers Lesson 4-5: Arrays and Partial Products Lesson 4-6: Multiply Using the Distributive Property Lesson 4-7: Use Partial Products to Multiply by 2-Digit Numbers Lesson 4-8: Multiply 2-Digit Numbers by Multiples of 10 Lesson 4-9: Multiply 2-Digit by 2-Digit Numbers Lesson 4-10: Continue to Multiply by 2-Digit Numbers Lesson 4-11: Math Practices and Problem Solving Lesson 5-1: Mental Math: Find Quotients Lesson 5-2: Mental Math: Estimate Quotients Lesson 5-3: Mental Math: Estimate Quotients for Greater Dividends Lesson 5-4: Interpret Remainders Lesson 5-5: Division as Sharing Lesson 5-6: Use Partial Quotients to Divide Lesson 5-7: Use Partial Quotients to Divide: Greater Dividends Lesson 5-8: Divide with 1-Digit Numbers</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|---|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Use place value understanding and properties of operations to perform - digit arithmetic. (4.NBT.4-6) | <p>Lesson 5-9: Continue to Divide with 1-Digit Numbers Lesson 5-10: Math Practices and Problem Solving Lesson 6-1: Solve Comparison Situations Lesson 6-2: Continue to Solve Comparison Situations Lesson 6-3: Solve Multi-Step Problems Lesson 6-4: Solve More Multi-Step Problems Lesson 6-5: Math Practices and Problem Solving Lesson 7-3: Math Practices and Problem Solving Lesson 13-6: Solve Perimeter and Area Problems Lesson 13-7: Math Practices and Problem Solving</p> |
| <ul style="list-style-type: none"> ■ Use the four operations with whole numbers to solve problems. (4.OA.1-3) | <p>Lesson 2-2: Mental Math: Estimate Sums and Differences Lesson 2-3: Add Whole Numbers Lesson 2-4: Subtract Whole Numbers Lesson 2-6: Math Practices and Problem Solving Lesson 3-2: Mental Math: Round to Estimate Products Lesson 3-7: Multiply 2- and 3-Digit Numbers by 1-Digit Numbers Lesson 3-8: Multiply 4-Digit by 1-Digit Numbers Lesson 3-9: Multiply by 1-Digit Numbers Lesson 4-1: Mental Math: Multiply Multiples of 10 Lesson 4-3: Estimate: Use Rounding Lesson 4-5: Arrays and Partial Products Lesson 4-7: Use Partial Products to Multiply by 2-Digit Numbers Lesson 4-8: Multiply 2-Digit Numbers by Multiples of 10 Lesson 4-9: Multiply 2-Digit by 2-Digit Numbers Lesson 4-10: Continue to Multiply by 2-Digit Numbers</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|--|---|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Use the four operations with whole numbers to solve problems. (4.OA.1-3) | <p>Lesson 4-11: Math Practices and Problem Solving Lesson 5-5: Division as Sharing Lesson 5-6: Use Partial Quotients to Divide Lesson 5-7: Use Partial Quotients to Divide: Greater Dividends Lesson 5-10: Math Practices and Problem Solving Lesson 6-1: Solve Comparison Situations Lesson 6-2: Continue to Solve Comparison Situations Lesson 6-3: Solve Multi-Step Problems Lesson 6-4: Solve More Multi-Step Problems Lesson 6-5: Math Practices and Problem Solving</p> |
| <ul style="list-style-type: none"> □ Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. (4.MD.1-3) | <p>Lesson 10-5: Solve Time Problems Lesson 10-6: Math Practices and Problem Solving Lesson 12-3: Compare Decimals Lesson 12-5: Solve Word Problems Involving Money Lesson 12-6: Math Practices and Problem Solving</p> <p>Lesson 13-1: Equivalence with Customary Units of Length Lesson 13-2: Equivalence with Customary Units of Capacity Lesson 13-3: Equivalence with Customary Units of Weight Lesson 13-4: Equivalence with Metric Units of Length Lesson 13-5: Equivalence with Metric Units of Capacity and Mass Lesson 13-6: Solve Perimeter and Area Problems Lesson 13-7: Math Practices and Problem Solving</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|--|--|
| <input type="checkbox"/> Gain familiarity with factors and multiples. (4.OA.4) | Lesson 7-1: Understand Factors Lesson 7-2: Factors Lesson 7-3: Math Practices and Problem Solving Lesson 7-4: Prime and Composite Numbers Lesson 7-5: Multiples |
| <input type="circle"/> Generate and analyze patterns. (4.OA.5) | Lesson 14-1: Number Sequences Lesson 14-2: Patterns: Number Rules Lesson 14-3: Patterns: Repeating Shapes Lesson 14-4: Math Practices and Problem Solving |
| Unit 4 | |
| <input checked="" type="checkbox"/> Extend understanding of fraction equivalence and ordering. (4.NF.1-2) | Lesson 8-1: Equivalent Fractions: Area Models Lesson 8-2: Equivalent Fractions: Numbers Lines Lesson 8-3: Generate Equivalent Fractions: Multiplication Lesson 8-4: Generate Equivalent Fractions: Division Lesson 8-5: Use Benchmarks to Compare Fractions Lesson 8-6: Compare Fractions Lesson 8-7: Math Practices and Problem Solving Lesson 11-2: Make Line Plots |
| <input checked="" type="checkbox"/> Understand decimal notation for fractions and compare decimal fractions. (4.NF.5-7) | Lesson 12-1: Fractions and Decimals Lesson 12-2: Fractions and Decimals on the Number Line Lesson 12-3: Compare Decimals Lesson 12-4: Add Fractions with Denominators of 10 and 100 Lesson 12-5: Solve Word Problems Involving Money Lesson 12-6: Math Practices and Problem Solving |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|--|---|
| <p>■ Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers. (4.NF.3-4)</p> | <p>Lesson 9-1: Model Addition of Fractions Lesson 9-2: Decompose Fractions Lesson 9-3: Add Fractions with Like Denominators Lesson 9-4: Model Subtraction of Fractions Lesson 9-5: Subtract Fractions with Like Denominators Lesson 9-6: Add and Subtract Fractions with Like Denominators Lesson 9-7: Estimate Fraction Sums and Differences Lesson 9-8: Model Addition and Subtraction of Mixed Numbers Lesson 9-9: Add Mixed Numbers Lesson 9-10: Subtract Mixed Numbers Lesson 9-11: Math Practices and Problem Solving Lesson 10-1: Fractions as Multiples of Unit Fractions: Use Models Lesson 10-2: Multiply a Fraction by a Whole Number: Use Models Lesson 10-3: Multiply a Fraction by a Whole Number: Use Symbols Lesson 10-4: Multiply a Whole Number and a Mixed Number Lesson 10-5: Solve Time Problems Lesson 10-6: Math Practices and Problem Solving Lesson 11-3: Use Line Plots to Solve Problems Lesson 13-1: Equivalence with Customary Units of Length Lesson 13-2: Equivalence with Customary Units of Capacity Lesson 13-3: Equivalence with Customary Units of Weight Lesson 13-5: Equivalence with Metric Units of Capacity and Mass Lesson 13-6: Solve Perimeter and Area Problems</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|--|--|
| <input type="checkbox"/> Represent and interpret data. (4.MD.4) | Lesson 11-1: Read Line Plots Lesson 11-2: Make Line Plots Lesson 11-3: Use Line Plots to Solve Problems Lesson 11-4: Math Practices and Problem Solving |
| <input type="checkbox"/> Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. (4.MD.1-2) | Lesson 10-5: Solve Time Problems Lesson 10-6: Math Practices and Problem Solving Lesson 12-3: Compare Decimals Lesson 12-5: Solve Word Problems Involving Money Lesson 12-6: Math Practices and Problem Solving Lesson 13-1: Equivalence with Customary Units of Length Lesson 13-2: Equivalence with Customary Units of Capacity Lesson 13-3: Equivalence with Customary Units of Weight Lesson 13-4: Equivalence with Metric Units of Length Lesson 13-5: Equivalence with Metric Units of Capacity and Mass Lesson 13-6: Solve Perimeter and Area Problems Lesson 13-7: Math Practices and Problem Solving |
| Quarter 3 | |
| Unit 5 | |
| <input checked="" type="checkbox"/> Use place value understanding and properties of operations to perform - digit arithmetic. (4.NBT.4-6) | Lesson 2-1: Mental Math: Find Sums and Differences Lesson 2-2: Mental Math: Estimate Sums and Differences Lesson 2-3: Add Whole Numbers Lesson 2-4: Subtract Whole Numbers Lesson 2-5: Subtract Across Zero Lesson 2-6: Math Practices and Problem Solving |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|--|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Use place value understanding and properties of operations to perform - digit arithmetic. (4.NBT.4-6) | <p>Lesson 3-1: Mental Math: Multiply by Multiples of 10, 100, and 1,000</p> <p>Lesson 3-2: Mental Math: Round to Estimate Products</p> <p>Lesson 3-3: The Distributive Property</p> <p>Lesson 3-4: Mental Math Strategies for Multiplication</p> <p>Lesson 3-5: Arrays and Partial Products</p> <p>Lesson 3-6: Use Partial Products to Multiply by 1-Digit Numbers</p> <p>Lesson 3-7: Multiply 2- and 3-Digit Numbers by 1-Digit Numbers</p> <p>Lesson 3-8: Multiply 4-Digit by 1-Digit Numbers</p> <p>Lesson 3-9: Multiply by 1-Digit Numbers</p> <p>Lesson 3-10: Math Practices and Problem Solving</p> <p>Lesson 4-1: Mental Math: Multiply Multiples of 10</p> <p>Lesson 4-2: Use Models to Multiply 2-Digit Numbers by Multiples of 10</p> <p>Lesson 4-3: Estimate: Use Rounding</p> <p>Lesson 4-4: Estimate: Use Compatible Numbers</p> <p>Lesson 4-5: Arrays and Partial Products</p> <p>Lesson 4-6: Multiply Using the Distributive Property</p> <p>Lesson 4-7: Use Partial Products to Multiply by 2-Digit Numbers</p> <p>Lesson 4-8: Multiply 2-Digit Numbers by Multiples of 10</p> <p>Lesson 4-9: Multiply 2-Digit by 2-Digit Numbers</p> <p>Lesson 4-10: Continue to Multiply by 2-Digit Numbers</p> <p>Lesson 4-11: Math Practices and Problem Solving</p> <p>Lesson 5-1: Mental Math: Find Quotients</p> <p>Lesson 5-2: Mental Math: Estimate Quotients</p> <p>Lesson 5-3: Mental Math: Estimate Quotients for Greater Dividends</p> <p>Lesson 5-4: Interpret Remainders</p> <p>Lesson 5-5: Division as Sharing</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|--|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Use place value understanding and properties of operations to perform - digit arithmetic. (4.NBT.4-6) | <p>Lesson 5-6: Use Partial Quotients to Divide Lesson 5-7: Use Partial Quotients to Divide: Greater Dividends Lesson 5-8: Divide with 1-Digit Numbers Lesson 5-9: Continue to Divide with 1-Digit Numbers Lesson 5-10: Math Practices and Problem Solving Lesson 6-1: Solve Comparison Situations Lesson 6-2: Continue to Solve Comparison Situations Lesson 6-3: Solve Multi-Step Problems Lesson 6-4: Solve More Multi-Step Problems Lesson 6-5: Math Practices and Problem Solving Lesson 7-3: Math Practices and Problem Solving Lesson 13-6: Solve Perimeter and Area Problems Lesson 13-7: Math Practices and Problem Solving</p> |
| <ul style="list-style-type: none"> ■ Use the four operations with whole numbers to solve problems. (4.OA.1-3) | <p>Lesson 2-2: Mental Math: Estimate Sums and Differences Lesson 2-3: Add Whole Numbers Lesson 2-4: Subtract Whole Numbers Lesson 2-6: Math Practices and Problem Solving Lesson 3-2: Mental Math: Round to Estimate Products Lesson 3-7: Multiply 2- and 3-Digit Numbers by 1-Digit Numbers Lesson 3-8: Multiply 4-Digit by 1-Digit Numbers Lesson 3-9: Multiply by 1-Digit Numbers Lesson 4-1: Mental Math: Multiply Multiples of 10 Lesson 4-3: Estimate: Use Rounding Lesson 4-5: Arrays and Partial Products Lesson 4-7: Use Partial Products to Multiply by 2-Digit Numbers Lesson 4-8: Multiply 2-Digit Numbers by Multiples of 10</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|---|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Use the four operations with whole numbers to solve problems. (4.OA.1-3) | <p>Lesson 4-9: Multiply 2-Digit by 2-Digit Numbers Lesson 4-10: Continue to Multiply by 2-Digit Numbers Lesson 4-11: Math Practices and Problem Solving Lesson 5-5: Division as Sharing Lesson 5-6: Use Partial Quotients to Divide Lesson 5-7: Use Partial Quotients to Divide: Greater Dividends Lesson 5-10: Math Practices and Problem Solving Lesson 6-1: Solve Comparison Situations Lesson 6-2: Continue to Solve Comparison Situations Lesson 6-3: Solve Multi-Step Problems Lesson 6-4: Solve More Multi-Step Problems Lesson 6-5: Math Practices and Problem Solving</p> |
| <ul style="list-style-type: none"> □ Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. (4.MD.1-3) | <p>Lesson 10-5: Solve Time Problems Lesson 10-6: Math Practices and Problem Solving Lesson 12-3: Compare Decimals Lesson 12-5: Solve Word Problems Involving Money Lesson 12-6: Math Practices and Problem Solving Lesson 13-1: Equivalence with Customary Units of Length Lesson 13-2: Equivalence with Customary Units of Capacity Lesson 13-3: Equivalence with Customary Units of Weight Lesson 13-4: Equivalence with Metric Units of Length Lesson 13-5: Equivalence with Metric Units of Capacity and Mass Lesson 13-6: Solve Perimeter and Area Problems Lesson 13-7: Math Practices and Problem Solving</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|---|
| <input type="checkbox"/> Gain familiarity with factors and multiples. (4.OA.4) | Lesson 7-1: Understand Factors Lesson 7-2: Factors Lesson 7-3: Math Practices and Problem Solving Lesson 7-4: Prime and Composite Numbers Lesson 7-5: Multiples |
| <input type="radio"/> Geometric measurement: understand concepts of angle and measure angles. (4.MD.5-7) | Lesson 15-1: Lines, Rays, and Angles Lesson 15-2: Understand Angles and Unit Angles Lesson 15-3: Measure with Unit Angles Lesson 15-4: Measure and Draw Angles Lesson 15-5: Add and Subtract Angle Measures Lesson 15-6: Math Practices and Problem Solving |
| <input type="radio"/> Draw and identify lines and angles, and classify shapes by properties of their lines and angles. (4.G.1-3) | Lesson 15-1: Lines, Rays, and Angles Lesson 16-1: Lines Lesson 16-2: Classify Triangles Lesson 16-3: Classify Quadrilaterals Lesson 16-4: Line Symmetry Lesson 16-5: Draw Shapes with Line Symmetry Lesson 16-6: Math Practices and Problem Solving |
| Unit 6 | |
| <input checked="" type="checkbox"/> Understand decimal notation for fractions and compare decimal fractions. (4.NF.5-7) | Lesson 12-1: Fractions and Decimals Lesson 12-2: Fractions and Decimals on the Number Line Lesson 12-3: Compare Decimals Lesson 12-4: Add Fractions with Denominators of 10 and 100 Lesson 12-5: Solve Word Problems Involving Money Lesson 12-6: Math Practices and Problem Solving |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|--|---|
| <p>■ Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers. (4.NF.3-4)</p> | <p>Lesson 9-1: Model Addition of Fractions Lesson 9-2: Decompose Fractions Lesson 9-3: Add Fractions with Like Denominators Lesson 9-4: Model Subtraction of Fractions Lesson 9-5: Subtract Fractions with Like Denominators Lesson 9-6: Add and Subtract Fractions with Like Denominators Lesson 9-7: Estimate Fraction Sums and Differences Lesson 9-8: Model Addition and Subtraction of Mixed Numbers Lesson 9-9: Add Mixed Numbers Lesson 9-10: Subtract Mixed Numbers Lesson 9-11: Math Practices and Problem Solving Lesson 10-1: Fractions as Multiples of Unit Fractions: Use Models Lesson 10-2: Multiply a Fraction by a Whole Number: Use Models Lesson 10-3: Multiply a Fraction by a Whole Number: Use Symbols Lesson 10-4: Multiply a Whole Number and a Mixed Number Lesson 10-5: Solve Time Problems Lesson 10-6: Math Practices and Problem Solving Lesson 11-3: Use Line Plots to Solve Problems Lesson 13-1: Equivalence with Customary Units of Length Lesson 13-2: Equivalence with Customary Units of Capacity Lesson 13-3: Equivalence with Customary Units of Weight Lesson 13-5: Equivalence with Metric Units of Capacity and Mass Lesson 13-6: Solve Perimeter and Area Problems</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

**A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools**

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|--|
| <input type="checkbox"/> Represent and interpret data. (4.MD.4) | Lesson 11-1: Read Line Plots Lesson 11-2: Make Line Plots Lesson 11-3: Use Line Plots to Solve Problems Lesson 11-4: Math Practices and Problem Solving |
| <input type="checkbox"/> Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. (4.MD.1-2) | Lesson 10-5: Solve Time Problems Lesson 10-6: Math Practices and Problem Solving Lesson 12-3: Compare Decimals Lesson 12-5: Solve Word Problems Involving Money Lesson 12-6: Math Practices and Problem Solving Lesson 13-1: Equivalence with Customary Units of Length Lesson 13-2: Equivalence with Customary Units of Capacity Lesson 13-3: Equivalence with Customary Units of Weight Lesson 13-4: Equivalence with Metric Units of Length Lesson 13-5: Equivalence with Metric Units of Capacity and Mass Lesson 13-6: Solve Perimeter and Area Problems Lesson 13-7: Math Practices and Problem Solving |
| Quarter 4 | |
| Unit 7 | |
| <input checked="" type="checkbox"/> Use place value understanding and properties of operations to perform - digit arithmetic. (4.NBT.4-6) | Lesson 2-1: Mental Math: Find Sums and Differences Lesson 2-2: Mental Math: Estimate Sums and Differences Lesson 2-3: Add Whole Numbers Lesson 2-4: Subtract Whole Numbers Lesson 2-5: Subtract Across Zero Lesson 2-6: Math Practices and Problem Solving |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|--|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Use place value understanding and properties of operations to perform - digit arithmetic. (4.NBT.4-6) | <p>Lesson 3-1: Mental Math: Multiply by Multiples of 10, 100, and 1,000</p> <p>Lesson 3-2: Mental Math: Round to Estimate Products</p> <p>Lesson 3-3: The Distributive Property</p> <p>Lesson 3-4: Mental Math Strategies for Multiplication</p> <p>Lesson 3-5: Arrays and Partial Products</p> <p>Lesson 3-6: Use Partial Products to Multiply by 1-Digit Numbers</p> <p>Lesson 3-7: Multiply 2- and 3-Digit Numbers by 1-Digit Numbers</p> <p>Lesson 3-8: Multiply 4-Digit by 1-Digit Numbers</p> <p>Lesson 3-9: Multiply by 1-Digit Numbers</p> <p>Lesson 3-10: Math Practices and Problem Solving</p> <p>Lesson 4-1: Mental Math: Multiply Multiples of 10</p> <p>Lesson 4-2: Use Models to Multiply 2-Digit Numbers by Multiples of 10</p> <p>Lesson 4-3: Estimate: Use Rounding</p> <p>Lesson 4-4: Estimate: Use Compatible Numbers</p> <p>Lesson 4-5: Arrays and Partial Products</p> <p>Lesson 4-6: Multiply Using the Distributive Property</p> <p>Lesson 4-7: Use Partial Products to Multiply by 2-Digit Numbers</p> <p>Lesson 4-8: Multiply 2-Digit Numbers by Multiples of 10</p> <p>Lesson 4-9: Multiply 2-Digit by 2-Digit Numbers</p> <p>Lesson 4-10: Continue to Multiply by 2-Digit Numbers</p> <p>Lesson 4-11: Math Practices and Problem Solving</p> <p>Lesson 5-1: Mental Math: Find Quotients</p> <p>Lesson 5-2: Mental Math: Estimate Quotients</p> <p>Lesson 5-3: Mental Math: Estimate Quotients for Greater Dividends</p> <p>Lesson 5-4: Interpret Remainders</p> <p>Lesson 5-5: Division as Sharing</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|--|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Use place value understanding and properties of operations to perform - digit arithmetic. (4.NBT.4-6) | <p>Lesson 5-6: Use Partial Quotients to Divide Lesson 5-7: Use Partial Quotients to Divide: Greater Dividends Lesson 5-8: Divide with 1-Digit Numbers Lesson 5-9: Continue to Divide with 1-Digit Numbers</p> <p>Lesson 5-10: Math Practices and Problem Solving Lesson 6-1: Solve Comparison Situations Lesson 6-2: Continue to Solve Comparison Situations Lesson 6-3: Solve Multi-Step Problems Lesson 6-4: Solve More Multi-Step Problems Lesson 6-5: Math Practices and Problem Solving Lesson 7-3: Math Practices and Problem Solving Lesson 13-6: Solve Perimeter and Area Problems Lesson 13-7: Math Practices and Problem Solving</p> |
| <ul style="list-style-type: none"> ■ Use the four operations with whole numbers to solve problems. (4.OA.1-3) | <p>Lesson 2-2: Mental Math: Estimate Sums and Differences Lesson 2-3: Add Whole Numbers Lesson 2-4: Subtract Whole Numbers Lesson 2-6: Math Practices and Problem Solving Lesson 3-2: Mental Math: Round to Estimate Products Lesson 3-7: Multiply 2- and 3-Digit Numbers by 1-Digit Numbers Lesson 3-8: Multiply 4-Digit by 1-Digit Numbers Lesson 3-9: Multiply by 1-Digit Numbers Lesson 4-1: Mental Math: Multiply Multiples of 10 Lesson 4-3: Estimate: Use Rounding Lesson 4-5: Arrays and Partial Products Lesson 4-7: Use Partial Products to Multiply by 2-Digit Numbers</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|--|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Use the four operations with whole numbers to solve problems. (4.OA.1-3) | <p>Lesson 4-8: Multiply 2-Digit Numbers by Multiples of 10 Lesson 4-9: Multiply 2-Digit by 2-Digit Numbers Lesson 4-10: Continue to Multiply by 2-Digit Numbers Lesson 4-11: Math Practices and Problem Solving Lesson 5-5: Division as Sharing Lesson 5-6: Use Partial Quotients to Divide Lesson 5-7: Use Partial Quotients to Divide: Greater Dividends Lesson 5-10: Math Practices, Problem Solving Lesson 6-1: Solve Comparison Situations Lesson 6-2: Continue to Solve Comparison Situations Lesson 6-3: Solve Multi-Step Problems Lesson 6-4: Solve More Multi-Step Problems Lesson 6-5: Math Practices and Problem Solving</p> |
| <ul style="list-style-type: none"> □ Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. (4.MD.1-3) | <p>Lesson 10-5: Solve Time Problems Lesson 10-6: Math Practices and Problem Solving Lesson 12-3: Compare Decimals Lesson 12-5: Solve Word Problems Involving Money Lesson 12-6: Math Practices and Problem Solving Lesson 13-1: Equivalence with Customary Units of Length Lesson 13-2: Equivalence with Customary Units of Capacity Lesson 13-3: Equivalence with Customary Units of Weight Lesson 13-4: Equivalence with Metric Units of Length Lesson 13-5: Equivalence with Metric Units of Capacity and Mass Lesson 13-6: Solve Perimeter and Area Problems Lesson 13-7: Math Practices and Problem Solving</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|---|---|
| <ul style="list-style-type: none"> ○ Geometric measurement: understand concepts of angle and measure angles. (4.MD.5-7) | <p>Lesson 15-1: Lines, Rays, and Angles Lesson 15-2: Understand Angles and Unit Angles Lesson 15-3: Measure with Unit Angles Lesson 15-4: Measure and Draw Angles Lesson 15-5: Add and Subtract Angle Measures Lesson 15-6: Math Practices and Problem Solving</p> |
| Unit 8 | |
| <ul style="list-style-type: none"> ■ Understand decimal notation for fractions and compare decimal fractions. (4.NF.5-7) | <p>Lesson 12-1: Fractions and Decimals Lesson 12-2: Fractions and Decimals on the Number Line Lesson 12-3: Compare Decimals Lesson 12-4: Add Fractions with Denominators of 10 and 100 Lesson 12-5: Solve Word Problems Involving Money Lesson 12-6: Math Practices and Problem Solving</p> |
| <ul style="list-style-type: none"> ■ Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers. (4.NF.3-4) | <p>Lesson 9-1: Model Addition of Fractions Lesson 9-2: Decompose Fractions Lesson 9-3: Add Fractions with Like Denominators Lesson 9-4: Model Subtraction of Fractions Lesson 9-5: Subtract Fractions with Like Denominators Lesson 9-6: Add and Subtract Fractions with Like Denominators Lesson 9-7: Estimate Fraction Sums and Differences Lesson 9-8: Model Addition and Subtraction of Mixed Numbers Lesson 9-9: Add Mixed Numbers Lesson 9-10: Subtract Mixed Numbers Lesson 9-11: Math Practices and Problem Solving Lesson 10-1: Fractions as Multiples of Unit Fractions: Use Models Lesson 10-2: Multiply a Fraction by a Whole Number: Use Models</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|--|---|
| <p>(Continued)</p> <ul style="list-style-type: none"> ■ Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers. (4.NF.3-4) | <p>Lesson 10-3: Multiply a Fraction by a Whole Number: Use Symbols Lesson 10-4: Multiply a Whole Number and a Mixed Number Lesson 10-5: Solve Time Problems Lesson 10-6: Math Practices and Problem Solving</p> <p>Lesson 11-3: Use Line Plots to Solve Problems Lesson 13-1: Equivalence with Customary Units of Length Lesson 13-2: Equivalence with Customary Units of Capacity Lesson 13-3: Equivalence with Customary Units of Weight Lesson 13-5: Equivalence with Metric Units of Capacity and Mass Lesson 13-6: Solve Perimeter and Area Problems</p> |
| <ul style="list-style-type: none"> □ Represent and interpret data. (4.MD.4) | <p>Lesson 11-1: Read Line Plots Lesson 11-2: Make Line Plots Lesson 11-3: Use Line Plots to Solve Problems Lesson 11-4: Math Practices and Problem Solving</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster

**A Correlation of enVisionmath2.0, ©2016
To the Common Core Curriculum Framework Progress Guide
Mathematics– Grade 4, Prince George’s County Public Schools**

| Common Core Curriculum Framework Progress Guide Mathematics –Grade 4 Prince George’s County Public Schools | enVisionmath2.0 Grade 4 Lessons |
|--|---|
| <p><input type="checkbox"/> Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. (4.MD.1-2)</p> | <p>Lesson 10-5: Solve Time Problems Lesson 10-6: Math Practices and Problem Solving Lesson 12-3: Compare Decimals Lesson 12-5: Solve Word Problems Involving Money Lesson 12-6: Math Practices and Problem Solving Lesson 13-1: Equivalence with Customary Units of Length Lesson 13-2: Equivalence with Customary Units of Capacity Lesson 13-3: Equivalence with Customary Units of Weight Lesson 13-4: Equivalence with Metric Units of Length Lesson 13-5: Equivalence with Metric Units of Capacity and Mass Lesson 13-6: Solve Perimeter and Area Problems Lesson 13-7: Math Practices and Problem Solving</p> |

- Major Cluster
- Supporting Cluster
- Additional Cluster