

Topic 1: Understand Place Value

These recommended (and optional) supplemental resources for each lesson in *enVision Mathematics K-5* promote the values of **focus**, **coherence**, and **rigor** within each grade level and across grade levels. These additional resources offer more opportunities for student **applications**, **understanding**, and **reasoning** of mathematical ideas and concepts, highlighting the [Colorado Essential Skills & Standards for Mathematical Practice](#).

To fully utilize these resources with students, teachers are invited to create a free account (using their SVVSD email address) with [Open Up Resources K-5 Math](#)¹ to access the task facilitation notes.

<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
1-1: Patterns with Exponents and Powers of 10		NONE
1-2: Understand Whole-Number Place Value	Open Middle:	Place Value
1-3: Decimals to Thousandths	Open Up Resources:	Unit 5, Lesson 4, Warm-up - Notice and Wonder: Maintain Your Balance Student Task ; Task Facilitation Unit 5, Lesson 4, Activity 1 - Balance the Weight Student Task ; Task Facilitation Unit 5, Lesson 4, Activity 2 - Weights and Place Values Student Task ; Task Facilitation Unit 5, Lesson 4, Activity 3 - Comparing Place Values with Weights (Problem 2 only) Student Task ; Task Facilitation
1-4: Understand Decimal Place Value	Open Up Resources:	Center: Mystery Number - Stage 6: Decimals Blackline Master ; Task Facilitation
1-5: Compare Decimals	Open Up Resources:	Unit 5, Lesson 5, Warm-up - True or False: Decimals Student Task ; Task Facilitation Unit 5, Lesson 5, Activity 1 - Farther and Faster Student Task ; Blackline Master ; Task Facilitation

¹ Open Up Resources may collect data from business partners and publicly available sources to target advertising, according to their [privacy policy](#).

1-6: Round Decimals	Open Up Resources:	Unit 5, Lesson 7, Warm-up - Notice and Wonder: A Digital Scale Student Task ; Task Facilitation Unit 5, Lesson 7, Activity 1 - Gold Doubloons Student Task ; Task Facilitation
	Open Middle:	Rounding Decimals 2 Rounding Decimals 3
1-7: Problem Solving: Look For and Use Structure		NONE

Do you have an idea for a new resource to add or a comment for what's listed here? Submit your ideas and comments [here](#).

Topic 2: Use Models and Strategies to Add and Subtract Decimals

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
2-1: Mental Math		NONE
2-2: Estimate Sums and Differences of Decimals		NONE
2-3: Use Models to Add and Subtract Decimals		NONE
2-4: Use Strategies to Add Decimals	Open Middle:	Decimal Addition 2 Decimal Addition 3 Adding Decimals Adding Decimals to Make Them as Close to One as Possible
2-5: Use Strategies to Subtract Decimals	Open Middle:	Subtracting Decimals Subtracting Decimals 2 Decimal Subtraction Decimal Subtraction 2 Subtracting Decimals to Get Close to 0 Subtracting Decimals to Make Them as Close to One as Possible

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**2-6: Problem Solving: Model
with Math**

NONE

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Topic 3: Fluently Multiply Multi-Digit Whole Numbers

These recommended (and optional) supplemental resources for each lesson in *enVision Mathematics K-5* promote the values of **focus**, **coherence**, and **rigor** within each grade level and across grade levels. These additional resources offer more opportunities for student **applications**, **understanding**, and **reasoning** of mathematical ideas and concepts, highlighting the [Colorado Essential Skills & Standards for Mathematical Practice](#).

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
3-1: Multiply Greater Numbers by Powers of 10		NONE
3-2: Estimate Products		NONE
3-3: Multiply by 1-Digit Numbers		NONE
3-4: Multiply 2-Digit by 2-Digit Numbers	Open Middle:	Multi-Digit Multiplication 1 Multi-Digit Multiplication 2 Multiplying Two-Digit Numbers
3-5: Multiply 3-Digit by 2-Digit Numbers	Open Middle:	Multiplying Products to Get as Close to 10000
3-6: Multiply Whole Numbers with Zeros		NONE
3-7: Practice Multiplying	Open Middle:	Multiplication of Large Numbers

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Multi-Digit Numbers		
3-8: Solve Word Problems Using Multiplication		NONE
3-9: Problem Solving: Critique Reasoning		NONE

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Topic 4: Use Models and Strategies to Multiply Decimals

These recommended (and optional) supplemental resources for each lesson in *enVision Mathematics K-5* promote the values of **focus**, **coherence**, and **rigor** within each grade level and across grade levels. These additional resources offer more opportunities for student **applications**, **understanding**, and **reasoning** of mathematical ideas and concepts, highlighting the [Colorado Essential Skills & Standards for Mathematical Practice](#).

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
4-1: Multiply Decimals by Powers of 10		NONE
4-2: Estimate the Product of a Decimal and a Whole Number		NONE
4-3: Use Models to Multiply a Decimal and a Whole Number		NONE
4-4: Multiply a Decimal by a Whole Number		NONE
4-5: Use Models to Multiply a Decimal and a Decimal		NONE
4-6: Multiply Decimals Using Partial Products	PhET Simulation:	Area Model Decimals

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4-7: Use Properties to Multiply Decimals	Open Middle:	Multiplying Decimals Decimal Product Close to 50 Multiplying Decimals Given One Multiplying Decimals to Make a Whole Number Product
4-8: Use Number Sense to Multiply Decimals		NONE
4-9: Problem Solving: Model with Math		NONE

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Topic 5: Use Models and Strategies to Divide Whole Numbers

These recommended (and optional) supplemental resources for each lesson in *enVision Mathematics K-5* promote the values of **focus**, **coherence**, and **rigor** within each grade level and across grade levels. These additional resources offer more opportunities for student **applications**, **understanding**, and **reasoning** of mathematical ideas and concepts, highlighting the [Colorado Essential Skills & Standards for Mathematical Practice](#).

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
5-1: Use Patterns and Mental Math to Divide		NONE
5-2: Estimate Quotients with 2-Digit Divisors		NONE
5-3: Use Models and Properties to Divide with 2-Digit Divisors	Open Middle:	Dividing Two-Digit Numbers
5-4: Use Partial Quotients to Divide		NONE
5-5: Use Sharing to Divide: 2-Digit Divisors		NONE
5-6: Use Sharing to Divide: Greater Dividends		NONE

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5-7: Choose a Strategy to Divide		NONE
5-8: Problem Solving: Make Sense and Persevere		NONE

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Topic 6: Use Models and Strategies to Divide Decimals

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
6-1: Patterns for Dividing with Decimals	Open Up Resources:	Unit 5, Lesson 22, Activity 1 - Patterns in Dividing by Decimal Units Student Task ; Blackline Master ; Task Facilitation
6-2: Estimate Decimal Quotients		NONE
6-3: Use Models to Divide by a 1-Digit Whole Number	Open Up Resources:	Unit 5, Lesson 23, Activity 1 - Same Divisor, Different Dividend Student Task ; Blackline Master ; Task Facilitation Unit 5, Lesson 24, Activity 1 - Whole Number Groups Student Task ; Blackline Master ; Task Facilitation
6-4: Divide by a 2-Digit Whole Number		NONE
6-5: Divide by a Decimal	Open Middle:	Dividing Decimals
6-6: Problem Solving: Reasoning		NONE

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Topic 7: Use Equivalent Fractions to Add and Subtract Fractions

These recommended (and optional) supplemental resources for each lesson in *enVision Mathematics K-5* promote the values of **focus**, **coherence**, and **rigor** within each grade level and across grade levels. These additional resources offer more opportunities for student **applications**, **understanding**, and **reasoning** of mathematical ideas and concepts, highlighting the [Colorado Essential Skills & Standards for Mathematical Practice](#).

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
7-1: Estimate Sums and Differences of Fractions		NONE
7-2: Find Common Denominators		NONE
7-3: Add Fractions with Unlike Denominators	Open Middle:	Adding Fractions Adding Fractions 2 Adding Fractions 3 Adding Fractions 6 Adding Fractions 7
7-4: Subtract Fractions with Unlike Denominators	Open Middle:	Subtracting Fractions Subtracting Fractions 2
7-5: Add and Subtract Fractions	Open Middle:	Adding 3 Fractions to Get 1 Adding Fractions to Make a Whole Number Adding Three Fractions Fractions: Sum of 2

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7-6: Estimate Sums and Differences of Mixed Numbers		NONE
7-7: Use Models to Add Mixed Numbers		NONE
7-8: Add Mixed Numbers	Open Middle:	Adding Mixed Numbers Adding Mixed Numbers 2 Adding Mixed Numbers 3
7-9: Use Models to Subtract Mixed Numbers		NONE
7-10: Subtract Mixed Numbers	Open Middle:	Subtracting Mixed Numbers Subtracting Mixed Numbers 2
7-11: Add and Subtract Mixed Numbers		NONE
7-12: Problem Solving: Model with Math		NONE

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Topic 8: Apply Understanding of Multiplication to Multiply Fractions

These recommended (and optional) supplemental resources for each lesson in *enVision Mathematics K-5* promote the values of **focus**, **coherence**, and **rigor** within each grade level and across grade levels. These additional resources offer more opportunities for student **applications**, **understanding**, and **reasoning** of mathematical ideas and concepts, highlighting the [Colorado Essential Skills & Standards for Mathematical Practice](#).

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
8-1: Multiply a Fraction by a Whole Number	<i>Open Up Resources:</i>	Unit 2, Lesson 6, Activity 1 - The Race Student Task ; Task Facilitation
	Open Middle:	Multiplying Fraction by a 2-Digit Whole Number
8-2: Multiply a Whole Number by a Fraction		NONE
8-3: Multiply Fractions and Whole Numbers	Open Middle:	Multiplying a Fraction by a Whole Number to Make 1
8-4: Use Models to Multiply Two Fractions		NONE
8-5: Multiply Two Fractions	Open Middle:	Multiplying Two Fractions to Get a Mixed Number Multiplying Fractions Multiplying Fractions 2 Multiplying Fractions 4 Multiplying Fractions 5 Multiplying Fractions 6

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		Multiplying Fractions to Make a Whole Number Multiplying 3 Fractions to Get 1 (enrichment/extension) Multiplying and Adding Fractions (enrichment/extension)
8-6: Area of a Rectangle		NONE
8-7: Multiply Mixed Numbers	Open Middle:	Multiplying Mixed Numbers
8-8: Multiplication as Scaling		NONE
8-9: Problem Solving: Make Sense and Persevere		NONE

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Topic 9: Apply Understanding of Division to Divide Fractions

These recommended (and optional) supplemental resources for each lesson in *enVision Mathematics K-5* promote the values of **focus**, **coherence**, and **rigor** within each grade level and across grade levels. These additional resources offer more opportunities for student **applications**, **understanding**, and **reasoning** of mathematical ideas and concepts, highlighting the [Colorado Essential Skills & Standards for Mathematical Practice](#).

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
9-1: Fractions and Division		NONE
9-2: Fractions and Mixed Numbers as Quotients		NONE
9-3: Use Multiplication to Divide		NONE
9-4: Divide Whole Numbers by Unit Fractions	Open Middle:	Dividing Fractions 3 Dividing Fractions 4
9-5: Divide Unit Fractions by Non-Zero Whole Numbers		NONE
9-6: Divide Whole Numbers and Unit Fractions		NONE
9-7: Solve Problems Using Division		NONE

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9-8: Problem Solving: Repeated Reasoning	NONE
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Topic 11: Understand Volume Concepts

These recommended (and optional) supplemental resources for each lesson in *enVision Mathematics K-5* promote the values of **focus**, **coherence**, and **rigor** within each grade level and across grade levels. These additional resources offer more opportunities for student **applications**, **understanding**, and **reasoning** of mathematical ideas and concepts, highlighting the [Colorado Essential Skills & Standards for Mathematical Practice](#).

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
11-1: Model Volume		NONE
11-2: Develop a Volume Formula	Open Up Resources:	Unit 1, Lesson 8, Activity 1 - Put It Together Student Task ; Task Facilitation
	Open Middle:	Volume of Rectangular Prisms Volume of Rectangular Prisms 3 Volume of Rectangular Prisms - Double The Volume Volume
11-3: Combine Volumes of Prisms	Open Up Resources:	Unit 1, Lesson 11, Warm-up - Which One Doesn't Belong: Many Prisms Student Task ; Task Facilitation Unit 1, Lesson 11, Cool-down - The Volume of a Sandbox Student Task ; Task Facilitation
11-4: Solve Word Problems Using Volume		NONE
11-5: Problem Solving: Use Appropriate Tools		NONE

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Topic 13: Write and Interpret Numerical Expressions

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
13-1: Evaluate Expressions	Open Middle:	Order of Operations 5 Evaluating Expressions 1 Evaluating Expressions 2
	Illustrative Mathematics:	Why Do We Need an Order of Operations?
13-2: Write Numerical Expressions		NONE
13-3: Interpret Numerical Expressions		NONE
13-4: Problem Solving: Reasoning		NONE

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Topic 16: Geometric Measurement: Classify Two-Dimensional Figures

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<i>enVision Mathematics</i> Lesson	Recommended Supplementary Resources	
16-1: Classify Triangles		NONE
16-2: Classify Quadrilaterals		NONE
16-3: Continue to Classify Quadrilaterals	<i>Open Up Resources:</i>	Unit 7, Lesson 7, Activity 2 - Always, Sometimes, Never Student Task ; Task Facilitation
16-4: Problem Solving: Construct Arguments		NONE

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