

Guidance for Summer



Use *i-Ready Classroom Mathematics* as Part of Your Summer Learning Program

This guide maps out Mini Units for using i-Ready Classroom Mathematics for summer learning. Each week focuses on one general topic or standards cluster:

- Weeks 1–4: Concentrate on major content area lessons and content that is most critical for each particular grade.
- Weeks 5-6: Instruction may weave in supporting/additional content standards to help reinforce topics that students will build on in the fall.

Follow the Scope and Sequence outlined for your grade level for a successful summer with i-Ready Classroom Mathematics!





i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 1: Make 6, 7, 8, and 9					
 Unit 2, Lesson 11: Make 6, 7, 8 and 9 (Session 1) Unit 2, Lesson 11: Make 6, 7, 8 and 9 (Session 2)* Unit 2, Lesson 11: Make 6, 7, 8 and 9 (Session 3)* Unit 2, Lesson 11: Make 6, 7, 8 and 9 (Session 4) Unit 2, Lesson 11: Make 6, 7, 8 and 9 (Session 5) 	Hungry Guppy Hungry Fish	N/A	Fish to Make NumbersShow the Number	• Make 6, 7, 8, and 9	 Make Groups of Up to 10 Objects Number Partners for 6 and 7 Number Partners for 8 and 9
Week 2: Add and Subtract Within 10					
 Unit 4, Lesson 21: Add Within 10 (Session 2)* Unit 4, Lesson 21: Add Within 10 (Session 3)* Unit 4, Lesson 21: Add Within 10 (Session 4) Unit 4, Lesson 23: Subtract Within 10 (Session 1) Unit 4, Lesson 23: Subtract Within 10 (Session 2)* 	Hungry GuppyHungry FishMatch	• Subtract Within 10	Tell Addition StoriesSubtract and Match	Add Within 10 Subtract Within 10	Add Within 10 Subtract Within 10
Week 3: Teen Numbers					
 Unit 5, Lesson 26: <i>Understand</i> Teen Numbers (Session 3)* Unit 5, Lesson 27: Count Teen Numbers (Session 3)* Unit 5, Lesson 28: Make Teen Numbers (Session 3)* Unit 5, Lesson 28: Make Teen Numbers (Session 4) Unit 5, Lesson 28: Make Teen Numbers (Session 5) 	• Match	 Understand Teen Numbers Count Teen Numbers Make Teen Numbers 	 Teen Number Vocabulary Pick and Write Roll and Make Teen Numbers 	 Understand Teen Numbers Count Teen Numbers Make a Set Up to 20 Objects 	 Explore Teen Numbers Count Up to 20 Objects Make Groups of Up to 20 Objects
Week 4: Count to 100					
 Unit 5, Lesson 29: Count to 100 by Tens (Session 1) Unit 5, Lesson 29: Count to 100 by Tens (Session 3)* Unit 5, Lesson 29: Count to 100 by Tens (Session 4) Unit 5, Lesson 30: Count to 100 by Ones (Session 1) Unit 5, Lesson 30: Count to 100 by Ones (Session 2)* 	Hungry Guppy Zoom	Count to 100 by Tens	Count by TensTens BingoCount by Ones VocabularyKeep Counting	Count by Tens Count Forward by Ones	 Order Numbers to 10 Order Numbers to 20

^{*}Develop Session Video available.



i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
**Week 5: Make 10/Practice Facts to 5					
 Unit 2, Lesson 10: Make 10 (Session 3)* Unit 2, Lesson 10: Make 10 (Session 4) Unit 2, Lesson 10: Make 10 (Session 5) Unit 4, Lesson 20: Practice Facts to 5 (Session 4) Unit 4, Lesson 20: Practice Facts to 5 (Session 5) 	 Hungry Guppy Hungry Fish Match	• Make 10	 Make 10 Draw to Make 10 5 Beans	Sum of Ten Facts Practice	 Fluently Add and Subtract Within 5 Make 10 Number Partners for 10
**Week 6: Sort Objects/Name and Compare Sha	pes				
 Unit 2, Lesson 9: Sort and Count Objects (Session 2)* Unit 2, Lesson 9: Sort and Count Objects (Session 3)* Unit 3, Lesson 12: Name Shapes (Session 2)* Unit 3, Lesson 12: Name Shapes (Session 3)* Unit 3, Lesson 14: Compare Shapes (Session 3)* 	N/A	 Sort and Count Objects Name Shapes Compare Shapes 	 Sort Objects Look for Attributes I Spy Shapes Is It Flat or Solid? Match and Name Shapes Find and Tell Alike and Different 	 Sorting in Two Ways Flat Shapes and Solid Shapes Describing and Comparing Shapes by Attributes 	 Sort Objects Circle Square Triangle Cube Sphere Identify Two-Dimensional Shapes

^{*}Develop Session Video available.

^{**}Weeks 5 and 6 are optional.

i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 1: Add and Subtract Within 10					
 Unit 1, Lesson 3: Add in Any Order (Session 4) Unit 1, Lesson 3: Add in Any Order (Session 5) Unit 1, Lesson 5: Number Partners for 10 (Session 5) Unit 1, Lesson 10: Use Strategies for Addition and Subtraction Facts (Session 4) Unit 1, Lesson 10: Use Strategies for Addition and Subtraction Facts (Session 5) 	Hungry Guppy Hungry Fish Match	Number Partners for 10 Use Strategies for Addition and Subtraction Facts	 Partners for 6 and 7 Addition to 7 Number Bonds for 8 and 9 Cube Trains for 8 and 9 Match to Make 10 Number Bond Facts 	 Number Pairs for Sums to 10 Add Within 10 Addition and Subtraction Word Problems Count On to Add Ways to Make Ten Sums of Ten Find Missing Addends for Sum to 10 Find Missing Addends Addition and Subtraction Facts Doubles Addition Facts Count On to Subtract 	 Add in Any Order Count On to Add Use Addition to Subtract Count On to Subtract Doubles Doubles and Near Doubles Fluently Add and Subtract Within 10
Week 2: Add and Subtract Within 20					
 Unit 2, Lesson 12: Make a Ten to Add (Session 3)* Unit 2, Lesson 12: Make a Ten to Add (Session 4) Unit 2, Lesson 12: Make a Ten to Add (Session 5) Unit 2, Lesson 15: Make a Ten to Subtract (Session 4) Unit 2, Lesson 15: Make a Ten to Subtract (Session 5) 	• Hungry Fish • Match	 Make a Ten to Add Make a Ten to Subtract 	 Make a Ten to Add Make a Ten to Subtract 	 Make a Ten to Add Within 20 Find Missing Addends for Sums to 10 Ways to Make Ten Teen Numbers Subtract Within 20 Find Missing Addends for Sums to 10 Ways to Make 10 Count On to Subtract 	 Make a Ten to Add Make a Ten to Subtract
Week 3: Tens					
 Unit 4, Lesson 25: Add and Subtract Tens (Session 5) Unit 4, Lesson 26: Understand 10 More and 10 Less (Session 2)* Unit 4, Lesson 26: Understand 10 More and 10 Less (Session 3)* Unit 4, Lesson 27: Add Tens to Any Number (Session 4) Unit 4, Lesson 27: Add Tens to Any Number (Session 5) 	Hungry FishMatch	 Add and Subtract Tens Add Tens to Any Number 	 Add and Subtract Tens Match Subtract Tens Bingo Use Vocabulary for Ten More, Ten Less Ten More, Ten Less Add Tens to a Number 	 Add and Subtract Tens Addition and Subtraction Facts Totals Greater Than Ten Making 10s Finding 10 More and 10 Less Patterns on the Hundred Chart Add Tens to Two-Digit Numbers Tens and Ones 	 Add Multiples of Ten to Multiples of Ten Subtract Multiples of Ten from Multiples of Ten Add Multiples of Ten to Any Two- Digit Number

^{*}Develop Session Video available.

i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 4: Add Tens and Ones					
 Unit 4, Lesson 28: Add Two-Digit and One-Digit Numbers (Session 3)* Unit 4, Lesson 28: Add Two-Digit and One-Digit Numbers (Session 4) Unit 4, Lesson 29: Add Two-Digit Numbers (Session 2)* Unit 4, Lesson 29: Add Two-Digit Numbers (Session 3)* Unit 4, Lesson 29: Add Two-Digit Numbers (Session 4) 	• Hungry Fish • Match	 Add Two-Digit and One-Digit Numbers Add Two-Digit Numbers 	Race To Add and Regroup	 Add Two- and One-Digit Numbers Addition and Subtraction Facts Tens and Ones Add Tens to Two-Digit Numbers Two-Digit Addition with Regrouping 	 Add Two-Digit and One-Digit Numbers Add More Two- Digit and One-Digit Numbers Add Two-Digit Numbers Add More Two-Digit Numbers
**Week 5: Shapes					
 Unit 6, Lesson 33: Shapes (Session 5) Unit 6, Lesson 34: Putting Shapes Together (Session 4) Unit 6, Lesson 34: Putting Shapes Together (Session 5) Unit 6, Lesson 35: <i>Understand</i> Breaking Shapes into Equal Parts (Session 3)* Unit 6, Lesson 35: <i>Understand</i> Breaking Shapes into Equal Parts (Session 4) 	N/A	Shapes Understand Breaking Shapes into Equal Parts	 Draw Two Shapes Shape Attributes Shape Match Put Shapes Together Parts of Shapes Match Draw to Show Parts 	 Defining Attributes of Shapes Flat Shapes and Solid Shapes Shape Position of Objects Describing and Comparing Shapes by Attribute Making New Shapes Build Shapes Making Equal Shares 	 Understand Attributes of Shapes Divide Shapes into Two Equal Parts Divide Shapes into Four Equal Parts
**Week 6: Data and Time					
 Unit 2, Lesson 18: Collect and Compare Data (Session 3)* Unit 2, Lesson 18: Collect and Compare Data (Session 4) Unit 2, Lesson 18: Collect and Compare Data (Session 5) Unit 3, Lesson 23: Tell Time (Session 4) Unit 3, Lesson 23: Tell Time (Session 5) 	N/A	N/A	 Make a Tally Chart Picture Graph Questions Vocabulary for Time Tell Time 	 Representing Data: Tally Charts Sorting in Two Ways Solve Word Problems with Totals to 10 Solve Comparison Subtraction Problems Telling Time to the Hour and Half-Hour 	N/A

^{*}Develop Session Video available.

^{**}Weeks 5 and 6 are optional.

i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 1: Add and Subtract Two-Digit Numbers					
 Unit 2, Lesson 6: Add Two-Digit Numbers (Session 2)* Unit 2, Lesson 6: Add Two-Digit Numbers (Session 3)* Unit 2, Lesson 7: Subtract Two-Digit Numbers (Session 1) Unit 2, Lesson 7: Subtract Two-Digit Numbers (Session 2)* Unit 2, Lesson 7: Subtract Two-Digit Numbers (Session 3)* 	 Hungry Fish Match Cupcake Pizza 	 Add Two-Digit Numbers Subtract Two-Digit Numbers 	 100 or Not! Add and Subtract Within 100 Solve a Subtraction Equation 	 Two-Digit Addition with Regrouping Finding 10 More and 10 Less And Two- and One-Digit Numbers Two-Digit Subtraction Add and Subtract Tens 	 Add by Breaking Apart Two-Digit Numbers Add Within 100 on Number Lines, Part 1 Add Within 100 on Number Lines, Part 2 Subtract Within 100 on Number Lines Add to Subtract Within 100 on Number Lines, Part 1 Add to Subtract Within 100 on Number Lines, Part 1
Week 2: Word Problems with Two-Digit Number	rs				
 Unit 2, Lesson 9: Solve Word Problems with Two-Digit Numbers (Session 1) Unit 2, Lesson 9: Solve Word Problems with Two-Digit Numbers (Session 2)* Unit 2, Lesson 9: Solve Word Problems with Two-Digit Numbers (Session 3)* Unit 2, Lesson 9: Solve Word Problems with Two-Digit Numbers (Session 4)* Unit 2, Lesson 9: Solve Word Problems with Two-Digit Numbers (Session 5) 	• Cupcake • Pizza	N/A	Word Problem Race	 Solve Subtraction Word Problems Solve Word Problems with Totals to 20 Solve One-Step Addition and Subtraction Word Problems Two-Digit Addition and Subtraction 	N/A
Week 3: Add Three-Digit Numbers					
 Unit 3, Lesson 16: Add Three-Digit Numbers (Session 1) Unit 3, Lesson 16: Add Three-Digit Numbers (Session 2)* Unit 3, Lesson 16: Add Three-Digit Numbers (Session 3)* Unit 3, Lesson 16: Add Three-Digit Numbers (Session 4) Unit 3, Lesson 16: Add Three-Digit Numbers (Session 5) 	N/A	Add Three- Digit Numbers	 Add Three-Digit Numbers Add 10 or 100 to a Three-Digit Number Use Addition Strategies to Solve 	 Add Three-Digit Numbers Two-Digit Addition with Regrouping Model Three-Digit Numbers Add and Subtracting 10 or 100 	 Add Three-Digit and Two- Digit Numbers Add Three-Digit Numbers

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i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 4: Subtract Three-Digit Numbers					
 Unit 3, Lesson 17: Subtract Three-Digit Numbers (Session 1) Unit 3, Lesson 17: Subtract Three-Digit Numbers (Session 2)* Unit 3, Lesson 17: Subtract Three-Digit Numbers (Session 3)* Unit 3, Lesson 17: Subtract Three-Digit Numbers (Session 4) Unit 3, Lesson 17: Subtract Three-Digit Numbers (Session 5) 	N/A	Subtract Three-Digit Numbers	Subtract Three-Digit Numbers Subtract 10 or 100 from a Number Use Subtraction Strategies to Solve	 Subtract Three-Digit Numbers Model Three-Digit Numbers Adding and Subtracting 10 or 100 Add Three-Digit Numbers 	Subtract Two-Digit from Three-Digit Numbers Subtract Three-Digit Numbers
**Week 5: Time and Money					
 Unit 2, Lesson 10: Solve Word Problems Involving Money (Session 1) Unit 2, Lesson 10: Solve Word Problems Involving Money (Session 2)* Unit 2, Lesson 11: Tell and Write Time (Session 2)* Unit 2, Lesson 11: Tell and Write Time (Session 3) Unit 2, Lesson 11: Tell and Write Time (Session 4) 	• Cupcake	 Solve Word Problems Involving Money Tell and Write Time 	 Find the Value or Coins and Bills Make Change Tell Time Vocabulary Tell Time from Analog and Digital Clocks 	 Problem Solving: Money Amounts Two-Digit Addition and Subtraction Solve Subtraction Word Problems Tell Time to the Nearest Five Minutes Tell Time to the Hour and Half-Hour 	N/A
**Week 6: Measurement					
 Unit 3, Lesson 21: Measure in Feet and Meters (Session 2)* Unit 3, Lesson 21: Measure in Feet and Meters (Session 3)* Unit 3, Lesson 21: Measure in Feet and Meters (Session 4) Unit 3, Lesson 22: Understand Measurement with Different Units (Session 1) Unit 3, Lesson 22: Understand Measurement with Different Units (Session 2)* 	N/A	N/A	 Measure Lengths of Objects Measure with Different Units Compare Units 	 Measure in Feet and Meters Compare Lengths Measuring Length Measure in Inches and Centimeters Measuring with Different Units 	 Measure Lengths in Inches Measure Lengths in Centimeters Estimate Lengths in Inches Estimate Lengths in Centimeters

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i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 1: Add and Subtract Three-Digit Number	rs				
 Unit 1, Lesson 2: Add Three-Digit Numbers (Session 2)* Unit 1, Lesson 2: Add Three-Digit Numbers (Session 3)* Unit 1, Lesson 3: Subtract Three-Digit Numbers (Session 2)* Unit 1, Lesson 3: Subtract Three-Digit Numbers (Session 3)* Unit 1, Lesson 3: Subtract Three-Digit Numbers (Session 4)* 	Hungry FishCupcakePizza	 Add Three-Digit Numbers Subtract Three-Digit Numbers 	 Model Addition Add Within 1000 Model Subtraction Subtract Within 1000 	 Three-Digit Addition Two-Digit Addition with Regrouping Adding and Subtracting 10 or 100 Add Three-Digit Numbers Three-Digit Subtraction Two-Digit Subtraction Subtract Three-Digit Numbers 	 Add Three-Digit Numbers Subtract Three-Digit Numbers Add Within 1,000 on Number Lines Subtract Within 1,000 on Number Lines
Week 2: Multiplication					
 Unit 2, Lesson 4: <i>Understand</i> the Meaning of Multiplication (Session 3) Unit 2, Lesson 8: Use Order and Grouping to Multiply (Session 2)* Unit 2, Lesson 8: Use Order and Grouping to Multiply (Session 3)* Unit 2, Lesson 8: Use Order and Grouping to Multiply (Session 4)* Unit 2, Lesson 9: Use Place Value to Multiply (Session 1) 	MatchCupcakePizza	Use Order and Grouping to Multiply	 Multiplication Vocabulary Match Multiplication Stories Multiply Three Numbers Multiply Multiples of 10 Match the Product 	 Multiplication Concepts and Equations Adding Using Arrays Identify Even and Odd Numbers Use Order and Grouping to Multiply Multiplication Facts with 0, 1, 2, 5, and 10 Multiplication Facts with 3, 4, and 6 Use Place Value to Multiply Model Three-Digit Numbers 	 Understand Multiplication, Part 1 Understand Multiplication, Part 2 Use Order and Grouping to Multiply Break Apart a Number to Multiply, Part 1 Break Apart a Number to Multiply, Part 2 Multiply by Multiples of 10

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i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 3: Multiplication and Division					
 Unit 2, Lesson 11: <i>Understand</i> How Multiplication and Division Are Connected (Session 2)* Unit 2, Lesson 11: <i>Understand</i> How Multiplication and Division Are Connected (Session 3) Unit 2, Lesson 12: Multiplication and Division Facts (Session 4) Unit 3, Lesson 17: Solve One-Step Word Problems Using Multiplication and Division (Session 5) Unit 3, Lesson 18: Solve Two-Step Word Problems Using the Four Operations (Session 5) 	• Match • Pizza	 Understand Multiplication and Division Connections Multiplication and Division Facts 	Use a Related Fact Find the Missing Number Use Multiplication to Solve Division Place Missing Numbers Complete a Fact Family Solve Word Problems Writing Equations Solve Two-Step Word Problems Check Reasonableness	 Relate Multiplication and Division Add Using Arrays Multiplication Concepts and Equations Solve Problems Involving Equal Shares Write Multiplication and Division Facts Multiplication Facts with 0, 1, 2, 5, and 10 Multiplication Facts with 3, 4, and 6 Multiply and Divide to Solve One-Step Word Problems Solve One-Step Addition and Subtraction Word Problems Write Multiplication and Division Facts Solve Two-Step Word Problems Solve Subtraction Word Problems 	 Understand Division, Part 1 Understand Division, Part 2 Multiplication Word Problems, Part 1 Multiplication Word Problems, Part 2 Word Problems Involving Length and Money Division Word Problems, Part 1 Division Word Problems, Part 2
Week 4: Fractions					
 Unit 4, Lesson 23: Find Equivalent Fractions (Session 2)* Unit 4, Lesson 23: Find Equivalent Fractions (Session 4)* Unit 4, Lesson 23: Find Equivalent Fractions (Session 5) Unit 4, Lesson 24: <i>Understand</i> Comparing Fractions (Session 2)* Unit 4, Lesson 24: <i>Understand</i> Comparing Fractions (Session 3) 	MatchBounceCloud Machine	 Find Equivalent Fractions Understand Comparing Fractions 	Building Equivalent Fractions Comparison	 Find Equivalent Fractions Make Equal Shares Modeling Fractions Equivalent Fractions Understand Comparing Fractions Fractions on a Number Line 	 Understand Equivalent Fractions Understand Comparing Fractions

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i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
**Week 5: Area and Perimeter					
 Unit 3, Lesson 15: Multiply to Find Area (Session 3)* Unit 3, Lesson 15: Multiply to Find Area (Session 4) Unit 3, Lesson 16: Add Areas (Session 3)* Unit 3, Lesson 16: Add Areas (Session 4) Unit 5, Lesson 32: Area and Perimeter of Shapes (Session 5) 	N/A	 Multiply to Find Area Add Areas Area and Perimeter of Shapes 	 Area Problems Decompose to Find Area Use Perimeter an Area Vocabulary Work with Perimeter 	 Multiply to Find Area Fill a Rectangle with Squares Multiplication Concepts and Equations Finding Area Add Areas Solve Length Word Problems Relating Area and Perimeter Measure in Feet and Meters 	N/A
**Week 6: Shapes					
 Unit 6, Lesson 30: Understand Categories of Shapes (Session 2)* Unit 6, Lesson 30: Understand Categories of Shapes (Session 3) Unit 6, Lesson 31: Classify Quadrilaterals (Session 2)* Unit 6, Lesson 31: Classify Quadrilaterals (Session 3)* Unit 6, Lesson 31: Classify Quadrilaterals (Session 4) 	N/A	N/A	 Geometry Vocabulary Match Quadrilaterals 	 Categories of Shapes Defining Attributes of Shapes Draw and Describe Shapes Categories of Plane Figures 	 Understand Categories of Shapes Classify and Compare Quadrilaterals

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^{**}Weeks 5 and 6 are optional.

i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 1: Addition and Subtraction					
 Unit 1, Lesson 1: <i>Understand</i> Place Value (Session 3) Unit 1, Lesson 3: Round Whole Numbers (Session 2)* Unit 1, Lesson 3: Round Whole Numbers (Session 3) Unit 1, Lesson 4: Add Whole Numbers (Session 3)* Unit 1, Lesson 5: Subtract Whole Numbers (Session 3)* 	Zoom Hungry Fish Match Pizza	Understand Place Value Add Whole Numbers Subtract Whole Numbers	 The Value of a Digit Expanded Form and Place Value Rounding Whole Numbers Rounding to the Same Number Add Whole Numbers Find Sums Find Differences Subtract Whole Numbers 	 Place Value in Multi-Digit Whole Numbers Read and Write Three-Digit Numbers Compare and Order Three-Digit Numbers Rounding to the Nearest Ten or Hundred Round Multi-Digit Numbers Compare Multi-Digit Numbers Add Multi-Digit Numbers Add Three-Digit Numbers Three-Digit Addition Place Value in Multi-Digit Whole Numbers Subtract Multi-Digit Numbers Three-Digit Subtraction 	 Place Value, Part 2 Place Value, Part 2 Round Whole Numbers Add Whole Numbers Subtract Whole Numbers
Week 2: Multiplication					
 Unit 2, Lesson 8: Multiples and Factors (Session 2)* Unit 2, Lesson 8: Multiples and Factors (Session 3)* Unit 2, Lesson 8: Multiples and Factors (Session 5) Unit 3, Lesson 11: Multiply by One-Digit Numbers (Session 2)* Unit 3, Lesson 11: Multiply by One-Digit Numbers (Session 3)* 	N/A	Multiples and Factors Multiply by One-Digit Numbers	 Use Multiplication Vocabulary Using Factors and Multiples Multiplying by One-Digit Numbers 	 Factors Multiplication Facts with 0, 1, 2, 5, and 10 Multiplication Facts with 3, 4, and 6 Write Multiplication and Division Facts Multiplying by One-Digit Numbers Use Order and Grouping to Multiply Use Place Value to Multiply 	 Multiples Factors Multiply by One-Digit Numbers, Part 1 Multiply by One-Digit Numbers, Part 2 Multiply Two-Digit Numbers

^{*}Develop Session Video available.

i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 3: Division					
 Unit 3, Lesson 14: Divide Three-Digit Numbers (Session 2)* Unit 3, Lesson 14: Divide Three-Digit Numbers (Session 3)* Unit 3, Lesson 14: Divide Three-Digit Numbers (Session 4) Unit 3, Lesson 15: Divide Four-Digit Numbers (Session 2)* Unit 3, Lesson 15: Divide Four-Digit Numbers (Session 3) 	N/A	 Divide Three-Digit Numbers Divide Four-Digit Numbers 	 Dividing by One-Digit Numbers Division Methods 	 Divide Three-Digit by One-Digit Numbers Solve Problems Involving Equal Shares Relate Multiplication and Division Multiply by One-Digit Numbers Divide Four-Digit by One-Digit Numbers Divide Three-Digit by One-Digit Numbers 	 Divide Whole Numbers, Part 1 Divide Whole Numbers, Part 2
Week 4: Fractions and Decimals					
 Unit 4, Lesson 20: Add and Subtract Fractions (Session 4)* Unit 4, Lesson 20: Add and Subtract Fractions (Session 5) Unit 4, Lesson 24: Multiply Fractions by Whole Numbers (Session 2)* Unit 4, Lesson 24: Multiply Fractions by Whole Numbers (Session 3) Unit 4, Lesson 27: Compare Decimals (Session 3)* 	Zoom Cupcake Bounce Cloud Machine	Add and Subtract Fractions	 Make a Whole! Different Ways to Show Sums Fraction Word Problems Comparing Decimals Greater Than and Less Than 	 Add and Subtract Fractions Modeling Fractions Fractions on a Number Line Understand Fraction Addition and Subtraction Multiply a Whole Number and a Fraction Multiply and Divide to Solve One-Step Word Problems Understand Fraction Multiplication Compare Decimals to Hundredths Compare Fractions Add Tenths and Hundredths Write Fractions as Decimals 	 Add Fractions with Like Denominators Subtract Fractions with Like Denominators Multiply a Unit Fraction by a Whole Number Multiply a Fraction by a Whole Number Compare Decimals

^{*}Develop Session Video available.

i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
**Week 5: Angles and Shapes					
 Unit 5, Lesson 30: Points, Lines, Rays, and Angles (Session 3)* Unit 5, Lesson 31: Angles (Session 2)* Unit 5, Lesson 33: Classify Two-Dimensional Figures (Session 4)* Unit 5, Lesson 33: Classify Two-Dimensional Figures (Session 5) 	N/A	• Angles	 Geometry Vocabulary Match Drawing for Geometry Angle Vocabulary Match Angles and Circles Measuring Angles Drawing Angles Triangle Vocabulary Match Classifying Shapes 	 Rays and Angles Draw and Describe Shapes Categories of Shapes Measure Angles Attributes of Shapes Categories of Plane Figures 	Identify Points, Lines, and Rays Identify Angles Measure Angles Classify Quadrilaterals Classify Triangles
**Week 6: Measurement					
 Unit 3, Lesson 16: Find Perimeter and Area (Session 2)* Unit 3, Lesson 16: Find Perimeter and Area (Session 3)* Unit 3, Lesson 16: Find Perimeter and Area (Session 4) Unit 4, Lesson 28: Problems about Time and Money (Session 4) Unit 4, Lesson 29: Problems about Length, Liquid Volume, and Mass (Session 5) 	N/A	N/A	 Use Perimeter and Area Vocabulary Perimeter and Area Problems Multi-Step Money Problems Distance Problems 	 Perimeter and Area Finding Area Multiply to Find Area Relating Area and Perimeter Solve Measurement Word Problems Solve Two-Step Word Problems Find Equivalent Measurements Write Fractions as Decimals Problems about Length, Liquid, Volume, Mass, and Weight Write Fractions as Word Problems 	N/A

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^{**}Weeks 5 and 6 are optional.

i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 1: Multiply Multi-Digit Numbers and Decin	nals				
 Unit 1, Lesson 4: Multiply Multi-Digit Numbers (Session 1)* Unit 1, Lesson 4: Multiply Multi-Digit Numbers (Session 2)* Unit 1, Lesson 4: Multiply Multi-Digit Numbers (Session 3)* Unit 3, Lesson 15: Multiply a Decimal by a Whole Number (Session 2)* Unit 3, Lesson 16: Multiply Decimals (Session 3)* 	N/A	• Multiply Multi-Digit Numbers	Use Multiplication Vocabulary Equivalent Multiplication Expressions Cover Up Multiply Decimal Multiplication Slam Represent Decimal Products	 Multiply by Multi-Digit Numbers Use Place Value to Multiply Multiply by One-Digit Numbers Multiply by Two-Digit Numbers Multiply a Decimal by a Whole Number Place Value in Whole Numbers and Decimals Multiply Decimals 	 Multiply Whole Numbers Multiply a Decimal by a Whole Number Multiply a Decimal by a Decimal
Week 2: Divide Multi-Digit Numbers and Decima	ls				
 Unit 1, Lesson 5: Divide Multi-Digit Numbers (Session 1) Unit 1, Lesson 5: Divide Multi-Digit Numbers (Session 2)* Unit 1, Lesson 5: Divide Multi-Digit Numbers (Session 3)* Unit 3, Lesson 17: Divide Decimals (Session 2)* Unit 3, Lesson 17: Divide Decimals (Session 3)* 	N/A	Divide Multi-Digit Numbers Divide Decimals	 Division with Area Models Solve Area Problems with Division Cover Up Division 	 Divide Multi-Digit Numbers Multiply One-Digit Numbers Divide Three-Digit by One-Digit Numbers Divide Four-Digit by One-Digit Numbers Divide Decimals Place Value in Whole Numbers and Decimals Multiply Decimals 	 Divide by Two-Digit Numbers, Part 1 Divide by Two-Digit Numbers, Part 2 Divide a Whole Number by a Decimal Divide a Decimal by a Decimal Divide a Decimal by a Whole Number

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i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 3: Decimal and Fraction Addition and Sub	traction				
 Unit 2, Lesson 10: Add Decimals (Session 2)* Unit 2, Lesson 11: Subtract Decimals (Session 3)* Unit 2, Lesson 12: Add Fractions (Session 3)* Unit 2, Lesson 13: Subtract Fractions (Session 2)* Unit 2, Lesson 13: Subtract Fractions (Session 3)* 	Cupcake Pizza Cloud Machine	 Add Decimals Subtract Decimals Add Fractions Subtract Fractions 	 Decimal Addition Match Decimal Subtraction Match Fraction Addition: True or False! Fraction Subtraction: True or False! 	 Add Decimals Add Multi-Digit Numbers Place Value in Whole Numbers and Decimals Read and Write Decimals to the Thousandths Subtract Decimals Subtract Multi-Digit Numbers Add Fractions with Unlike Denominators Equivalent Fractions Add and Subtract Fractions Add and Subtract Mixed Numbers Subtract Fractions and Mixed Numbers with Unlike Denominators 	Add Decimals Subtract Decimals Add Fractions with Unlike Denominators Add Mixed Numbers with Unlike Denominators Subtract Fractions with Unlike Denominators Subtract Mixed Numbers with Unlike Denominators
Week 4: Fraction Multiplication and Division					
 Unit 3, Lesson 18: Fractions as Division (Session 2)* Unit 3, Lesson 20: Multiply Fractions to Find Area (Session 2)* Unit 3, Lesson 20: Multiply Fractions to Find Area (Session 3)* Unit 3, Lesson 23: <i>Understand</i> Division with Unit Fractions (Session 1) Unit 3, Lesson 23: <i>Understand</i> Division with Unit Fractions (Session 2)* Unit 3, Lesson 23: <i>Understand</i> Division with Unit Fractions (Session 3) 	CupcakePizzaCloud Machine	 Fractions as Division Multiply Fractions to Find Area Understand Division with Unit Fractions 	 Fractions as Quotients Relate Situations to Fractional Quotients Tile Dimensions Quotients— Greater Than 1 or Less Than 1? 	 Interpreting Fractions as Division Solve Problems Involving Equal Shares Understand Fraction Multiplication Multiply a Whole Number and a Fraction Multiply Fractions Multiply to Find Area Dividing with Unit Fractions Relate Multiplication and Division 	 Understand Fractions as Division Multiply a Unit Fraction by a Unit Fraction Multiply a Fraction by a Fraction by a Fraction Divide a Whole Number by a Unit Fraction Divide a Unit Fraction by a Whole Number

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i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
**Week 5: Volume and Measurement Conversion	s				
 Unit 1, Lesson 3: Find Volume Using Formulas (Session 1) Unit 1, Lesson 3: Find Volume Using Formulas (Session 2)* Unit 1, Lesson 3: Find Volume Using Formulas (Session 3)* Unit 1, Lesson 3: Find Volume Using Formulas (Session 4) 	N/A	• Find Volume Using Formulas	Use Volume Vocabulary Volume of Composite Figures	Calculate VolumePerimeter and AreaVolume ConceptMeasure Volume	Understand and Measure Volume
**Week 6: Expressions and Patterns					
 Unit 5, Lesson 30: Evaluate, Write, and Interpret Expressions (Session 3)* Unit 5, Lesson 30: Evaluate, Write, and Interpret Expressions (Session 4) Unit 5, Lesson 33: Analyze Patterns and Relationships (Session 2)* Unit 5, Lesson 33: Analyze Patterns and Relationships (Session 3)* Unit 5, Lesson 33: Analyze Patterns and Relationships (Session 4) 	N/A	 Evaluate, Write, and Interpret Expressions Analyze Patterns and Relationships 	 Less Than, Equal To, Greater Than Make It True Write a Numerical Expression Find the Expression Use Number Sequence Vocabulary Plot Points 	 Write and Evaluate Expressions with Grouping Symbols Solve Comparison Problems Solve Multi-Step Word Problems Understand Fraction Multiplication Numerical Patterns and Relationships Patterns in Addition and Multiplication Numeric Patterns Graph Points in the First Quadrant 	Evaluate, Write, and Interpret Expressions

^{*}Develop Session Video available.

^{**}Weeks 5 and 6 are optional.

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i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice*	Center Activities	Tools for Instruction	i-Ready Lessons
Week 1: Ratio Reasoning: Unit Rates and Percents					
 Unit 4, Lesson 16: Use Unit Rates to Solve Problems (Session 2)* Unit 4, Lesson 16: Use Unit Rates to Solve Problems (Session 3)* Unit 4, Lesson 16: Use Unit Rates to Solve Problems (Session 4)* Unit 4, Lesson 18: Use Percents to Solve Problems (Session 2)* Unit 4, Lesson 18: Use Percents to Solve Problems (Session 3)* 	• Match	 Use Unit Rates to Solve Problems Use Percents to Solve Problems 	Use Ratio and Rate Vocabulary Percent 4-in-a-Row	 Use Ratio Tables to Solve Problems Solve Multi-Step Unit Conversion Word Problems Find Equivalent Ratios Visualize Rate Find the Whole from a Part and a Percent Relate Fractions and Percents 	 Solve Problems with Ratios and Unit Rates Solve Problems with Measurement Conversions Solve Problems with Percent
Week 2: Base-Ten Operations, Division with Fraction	s				
 Unit 1, Lesson 6: Find Greatest Common Factor and Least Common Multiple (Session 2)* Unit 1, Lesson 6: Find Greatest Common Factor and Least Common Multiple (Session 3)* Unit 2, Lesson 7: Add, Subtract, and Multiply Multi-Digit Decimals (Session 3)* Unit 2, Lesson 8: Divide Whole-Number and Multi-Digit Decimals (Session 4)* Unit 2, Lesson 10: Divide Fractions (Session 2)* 	Hungry Fish Match	Find Greatest Common Factor and Least Common Multiple Add, Subtract, and Multiply Multi-Digit Decimals Divide Whole Number and Multi-Digit Decimals Decimals Divide Fractions	Find GCF and LCM Number Tiles: Compute with Decimals Card Fill Up: Decimal Division Use Fraction Division Vocabulary	 Find the Least Common Multiple Find the Greatest Common Factor Factors Write and Evaluate Expressions with Grouping Symbols Multiply Multi-Digit Decimals Add Decimals Subtract Decimals Multiply Decimals Divide Multi-Digit Numbers Place Value in Whole Number and Decimals Divide Decimals Divide Fractions Dividing Unit Fractions to Solve Word Problems Understand Division with Fractions 	Greatest Common Factor (GCF) Least Common Multiple (LCM) Understand the Standard Algorithm for Division Divide Whole Numbers Using the Standard Algorithm Divide Decimals Using the Standard Algorithm Divide Fractions: Whole-Number Quotients Divide Fractions: Fractional Quotients Divide Fractions: Use an Algorithm

^{*}Develop Session Video available.

i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
Week 3: Positive and Negative Numbers and the	Coordinate P	lane			
 Unit 6, Lesson 24: Order Positive and Negative Numbers (Session 1) Unit 6, Lesson 24: Order Positive and Negative Numbers (Session 2)* Unit 6, Lesson 27: Understand the Four-Quadrant Coordinate Plane (Session 2)* Unit 6, Lesson 28: Solve Problems in the Coordinate Plane (Session 2)* Unit 6, Lesson 28: Solve Problems in the Coordinate Plane (Session 3)* 	• Zoom	Order Positive and Negative Numbers Understand the Four- Quadrant Coordinate Plane Solve Problems in the Coordinate Plane	 Number Sense Quadrant Quest The Greatest Distance 	 Compare Positive and Negative Rational Numbers Compare Fractions Compare Decimals to Hundredths Understand Positive and Negative Numbers Points in a Coordinate Plane Understand the Coordinate Plane Understand Positive and Negative Numbers Understand and Apply Absolute Value Find Perimeter and Area of a Shape in the Coordinate Plane 	Order Positive and Negative Numbers Understand the Fou Quadrant Coordinat Plane Distance in the Coordinate Plane
Week 4: Expressions and Equations					
 Unit 1, Lesson 5: Write and Evaluate Expressions with Exponents (Session 2)* Unit 1, Lesson 5: Write and Evaluate Expressions with Exponents (Session 3)* Unit 5, Lesson 19: Write and Identify Equivalent Expressions (Session 4)* Unit 5, Lesson 21: Write and Solve One-Variable Equations (Session 4)* Unit 6, Lesson 26: Write and Graph One-Variable Inequalities (Session 5) 	N/A	 Write and Evaluate Expressions with Exponents Write and Identify Equivalent Expressions Write and Solve One-Variable Equations Write and Graph One-Variable Inequalities 	 Evaluate Expressions with Exponents Match Expressions Equation Writing High-Point Inequalities 	 Evaluate Expressions Containing Exponents Powers of Ten Write and Evaluate Expressions with Grouping Symbols Evaluate Variable Expressions Write Equivalent Expressions Find the Least Common Multiple Find the Greatest Common Factor Solve Equations Test Solutions of Equations Represent Inequalities on Number Lines Understand Positive and Negative Numbers Compare Positive and Negative Rational Numbers Understand and Apply Absolute Value 	Numerical Expression with Exponents Algebraic Expression with Exponents Equivalent Expression & the Distributive Property Equivalent Expression & Properties of Addition Write and Solve Addition Equations Write and Solve Multiplication Equations Understand Inequalities Write and Solve Inequalities

^{*}Develop Session Video available.

Gr	rade

i-Ready Classroom Mathematics Center **Interactive Practice Tools for Instruction** i-Ready Lessons **Instructional Resources Activities Week 5: Geometry** Find the Area of a • Find the Area of a Find the Area of • Unit 1, Lesson 1: Find the Area of a Parallelogram (Session 3) Parallelogram Parallelogram Area Puzzle Parallelogram Parallelograms • Unit 1, Lesson 2: Find the Area of Triangles and Other Polygons (Session 4) · Find the Area of Triangles and Find the Perimeter and Area · Find the Area of Other Polygons Triangles Polygon • Unit 1, Lesson 3: Use Nets to Find Surface Area (Session 2)* Multiply Fractions Use Nets to Find Surface Area Match Nets Find the Area of • Unit 1, Lesson 3: Use Nets to Find Surface Area (Session 3)* • Find the Area of the Plane with Shapes **Polygons** Solve Volume Problems **Figures** • Unit 2, Lesson 11: Solve Volume Problems with Fractions and Surface Use Nets to Find with Fractions (Session 3)* Surface Area and Nets Area Surface Area · Volume of Right Rectangular Match Volume **Prisms** Cards Volume Concepts Calculate Volume Divide Fractions **Week 6: Statistics and Probability** Understand Statistical Unit 7, Lesson 29: Understand Statistical Questions and Data Match Understand Statistical Understand Statistical **Ouestions** and Distributions (Session 2)* **Ouestions and Data** Ouestions **Ouestions** Distributions Distributions • Unit 7, Lesson 30: Use Dot Plots and Histograms to Describe Using Line Plots · Dot Plots Data Distributions (Session 4) • Use Dot Plots and Histograms Use · Solve Problems with Box Plots to Describe Data Distributions Vocabulary • Unit 7, Lesson 31: Interpret Median and Interguartile Range in Fractional Measurement · Medians and Ouartiles for Data Box Plots (Session 4) Interpret Median and Data · Mean and Mean Distributions Interquartile Range in Box • Unit 7, Lesson 32: Interpret Mean and Mean Absolute • Dot Plots and Histograms **Absolute Deviation** Find the **Plots** Deviation (Session 4) Create and Interpret a Box **Box Plot** Interpret Mean and Mean • Unit 7, Lesson 33: Use Measures of Center and Variability to Plot Absolute Deviation Find the Mean Summarize Data (Session 4) · Find the Mean and Absolute and MAD · Use Measures of Center and Deviation (MAD) Variability to Summarize Data Use Vocabulary for Summarizing Data Sets

^{*}Develop Session Video available.

i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice*	Center Activities	Tools for Instruction	i-Ready Lessons
 Week 1: Proportional Relationships: Ratios and R Unit 1, Lesson 2: Find Unit Rates Involving Ratios of Fractions (Session 2)* Unit 1, Lesson 3: Understand Proportional Relationships (Session 2)* Unit 1, Lesson 3: Understand Proportional Relationships (Session 3) Unit 1, Lesson 4: Represent Proportional Relationships (Session 2)* Unit 1, Lesson 4: Represent Proportional Relationships (Session 3)* 	N/A	 Find Unit Rates Involving Ratios of Fractions Understand Proportional Relationships Represent Proportional Relationships 	 Use Vocabulary for Unit Rates and Fractions Proportion Tic Tac Toe Proportional Relationships Go Fish 	 Fractions, Division, and Unit Rates Dividing with Unit Fractions Understand Ratios Visualize Rate Model Proportional Relationships Use Ratio Tables to Solve Problems Identify Proportional Relationships 	 Unit Rates for Ratios with Fractions, Part 1 Unit Rates for Ratios with Fractions, Part 2 Understand Proportional Relationships Write Equations for Proportional Relationships
 Week 2: Numbers and Operations Unit 2, Lesson 7: Understand Addition with Negative Integers (Session 2)* Unit 2, Lesson 8: Add with Negative Numbers (Session 3)* Unit 2, Lesson 10: Add and Subtract Positive and Negative Numbers (Session 3)* Unit 3, Lesson 12: Multiply and Divide with Negative Numbers (Session 2)* Unit 3, Lesson 12: Multiply and Divide with Negative Numbers (Session 3)* 	• Match • Hungry Fish	Understand Addition with Negative Integers Add with Negative Numbers Add and Subtract Positive and Negative Numbers Multiply and Divide with Negative Numbers	Adding Integers Go Fish Mixing Chemicals: Addition with Negative Numbers Ocean Addition and Subtraction First Five Equations: Multiplication and Division	 Add Positive and Negative Integers Understand Positive and Negative Numbers Understand and Apply Absolute Value Add Fractions with Unlike Denominators Add and Subtract Positive and Negative Numbers Add Positive and Negative Numbers Subtract Positive and Negative Integers Divide Positive and Negative Numbers Multiply Fractions Divide Fractions Multiply Positive and Negative Numbers 	 Understand Addition with Integers Understand Subtraction with Integers Strategies to Add and Subtract Integers Add and Subtract Rationals Strategies to Add and Subtract Rationals Multiply Integers Divide Integers Multiply and Divide Rationals

^{*}Develop Session Video available.

i-Ready Classroom Mathematics Instructional Resources	Learning Games	Interactive Practice	Center Activities	Tools for Instruction	i-Ready Lessons
 Week 3: Algebraic Thinking: Expressions, Equati Unit 3, Lesson 15: Write Equivalent Expressions Involving Rational Numbers (Session 2)* Unit 3, Lesson 15: Write Equivalent Expressions Involving Rational Numbers (Session 3)* Unit 3, Lesson 16: Understand Reasons for Rewriting Expressions (Session 2)* Unit 3, Lesson 17: Understand Multi-Step Equations (Session 2)* Unit 3, Lesson 18: Write and Solve Multi-Step Equations (Session 4) 	ons, and Inequ	• Write Equivalent Expressions Involving Rational Numbers • Understand Reasons for Rewriting Expressions • Understand Multi-Step Equations • Write and Solve Multi-Step Equations	Match the Expression Situation Match-Up Use Vocabulary for Solving One-Variable Equations Write and Solve Algebraic Equations	 Write Equivalent Linear Expressions Write and Evaluate Expressions with Grouping Symbols Evaluate Variable Expressions Write Equivalent Expressions Analyze Relationships in Equivalent Expressions Write Equivalent Linear Expressions Evaluate Variable Expressions Test Solutions of Equations Write Equations to Solve Problems Solve Equations Solve Problems with Rational Numbers Model and Solve One-Variable Equations 	Equivalent Linear Expressions Reasons for Equivalent Linear Expressions Understand Multi-Step Equations Solve Multi-Step Equations, Part 1 Solve Multi-Step Equations, Part 2 Write and Solve Multi-Step Equations
 Week 4: Inequalities and Percents Unit 4, Lesson 19: Write and Solve Inequalities (Session 2)* Unit 4, Lesson 19: Write and Solve Inequalities (Session 3)* Unit 5, Lesson 20: Solve Problems Involving Percents (Session 5) Unit 5, Lesson 21: Solve Problems Involving Percent Change and Percent Error (Session 2)* Unit 5, Lesson 21: Solve Problems Involving Percent Change and Percent Error (Session 4) 	• Cupcake	Write and Solve Inequalities Solve Problems Involving Precents Solve Problems Involving Precent Change and Percent Error	Inequality Bingo Use Markdowns Find Percent Change	 Solve and Graph Linear Inequalities Represent Inequalities on Number Lines Solve Problems with Rational Numbers Write Equations to Solve Problems Multi-Step Percent Problems Find the Whole from a Part and a Percent Solve Multi-Step Ratio Problems Find Percent Change 	 Understand Solutions of Inequalities Solve Inequalities Solve Problems with Inequalities Solve Percent Problems, Part 1 Solve Percent Problems, Part 2 Solve Percent Problems, Part 3 Percent Change

^{*}Develop Session Video available.

Interactive Practice

Center **Activities**

Tools for Instruction

i-Ready Lessons

Week 5: Geometry

- Unit 6, Lesson 28: Find Unknown Angle Measures (Session 2)*
- Unit 6, Lesson 28: Find Unknown Angle Measures (Session 3)*
- Unit 6, Lesson 25: Solve Problems Involving Area and Surface Area (Session 4)*
- Unit 1, Lesson 6: Solve Area and Circumference Problems Involving Circles (Session 4)*
- Unit 6, Lesson 26: Solve Problems Involving Volume (Session 4)

- · Find Unknown Angle Measures
- · Solve Problems Involving Area and Surface Area
- Solve Area and Circumference Problems Involving Circles
- Solve Problems Involving Volume
- Use Angle Vocabulary
- Match Prisms with Surface Area
- Use Circle Vocabulary
- Find the Missing Volume Label

- Find Unknown Angle Measures
- Write Equations to Solve **Problems**
- Area of Composite Shapes
- Find the Area of a Parallelogram
- Find the Area of Plane Figures
- Surface Area and Nets
- Relate π and the Diameter of a Circle
- Multiply Fractions
- Volume of Prisms
- Volume Concepts
- Calculate Volume
- · Volume of Right **Rectangular Prisms**

- Understand Angle Relationships
- Area and Surface Area
- Understand the Area and Circumference of a Circle
- Volume of Right Prisms and Composite **Figures**

Week 6: Statistics and Probability

- Unit 5, Lesson 22: Understand Random Sampling (Session 2)*
- Unit 5, Lesson 23: Reason about Random Samples (Session 2)*
- Unit 5, Lesson 23: Reason about Random Samples (Session 3)*
- Unit 7, Lesson 32: Solve Problems Involving Probability Models (Session 4)
- Unit 7, Lesson 33: Solve Problems Involving Compound Events (Session 4)*

- Understand Random Sampling
- Reason about Random Samples
- Solve Problem Involving **Probability Models**
- Solve Problems Involving **Compound Events**
- Use Vocabulary for Random Sampling
- Make Inferences about Samples
- Spinner Go Fish
- Compound **Event Bingo**

- Random Sampling
- Solve Problems with Fractional Measurement Data
- · Understand Statistical Questions
- Dot Plots and Histograms
- Make Inferences from a Random Sample
- Compare Theoretical and **Experimental Probabilities**
- Find Equivalent Ratios
- Solve Multi-Step Ratio Problems
- Probability Experiment
- Compound Events

- Make Inferences about Populations Using Samples
- Compare Populations

^{*}Develop Session Video available.

Interactive Practice

Center Activities

Tools for Instruction

i-Ready Lessons

Week 1: Integer Exponents

- Unit 5, Lesson 20: Apply Exponent Properties for All Integer Exponents (Session 4)
- Unit 5, Lesson 22: Work with Scientific Notation (Session 5)
- Unit 6, Lesson 23: Find Square Roots and Cube Roots to Solve Problems (Session 4)
- Unit 6, Lesson 24: Express Rational Numbers as Fractions and Decimals (Session 3)
- Unit 6, Lesson 25: Find Rational Approximations of Irrational Numbers (Session 4)

- Apply Exponent Properties for All Integer Exponents
- Work with Scientific Notation
- Find Square Roots and Cube Roots to Solve Problems
- Express Rational Numbers as Fractions and Decimals
- Find Rational Approximations of Irrational Numbers

- Expressions with Integer Exponents
- Use Scientific Notation Vocabulary
- Four Square
 Roots and Cube
 Roots in a Row
- Convert Repeating Decimals
- Irrational Go Between

- Negative Exponents
- Evaluate Expressions Containing
- Exponents
- Exponent Properties
- Add and Subtract with Scientific Notation
- Solve Problems with Rational Numbers
- Compare and Estimate with Powers of 10
- Solve Equations Using Square and Cube Roots
- Test Solutions of Equations
- Solve Equations
- Solve Equations with the Variable on Both Sides
- Write a Repeating Decimal as a Fraction
- · Write Fractions as Decimals
- Approximate and Order Irrational Numbers

- Properties of
 Positive Integer
- Properties of Positive Integer Exponents, Part 2

Exponents, Part 1

- Properties of Zero and Negative Exponents
- Find Square Roots and Cube Roots to Solve Problems

Week 2: Functions

- Unit 4, Lesson 15: Understand Functions (Session 2)*
- Unit 4, Lesson 16: Use Functions to Model Linear Relationships (Session 2)*
- Unit 4, Lesson 16: Use Functions to Model Linear Relationships (Session 4)*
- Unit 4, Lesson 17: Compare Different Representations of Functions (Session 4)
- Unit 4, Lesson 18: Analyze Functional Relationships Qualitatively (Session 4)

- Understand Functions
- Use Functions to Model Linear Relationships
- Compare Different Representations of Functions
- Analyze Functional Relationships Qualitatively
- Use Function Vocabulary
- Find the Function
- Compare Functions
- Graphs and Stories

- · Linear and Nonlinear Functions
- Identify Proportional Relationships
- Write Equations to Solve Problems
- The Equation of a Line $\,$
- · Write the Equation of a Function
- Slope and Unit Rate
- · Linear and Nonlinear Functions
- Compare Slope and Initial Value of Functions
- Analyze Described Qualitatively

- Understand Functions
- Linear Functions: Rate of Change and Initial Value
- Linear Functions: Model from Two Points
- Linear Functions: Model from a Verbal Description
- Compare Functions

Note: Learning Games do not specifically align to Grade 8 standards at this time. However, students who are on grade level in Grade 8 will benefit from practicing relevant skills in new ways within Learning Games.

^{*}Develop Session Video available.

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Interactive

Center Activities

Tools for Instruction

i-Ready Lessons

Week 3: Linear Relationships and Slope

- Unit 3, Lesson 8: Graph Proportional Relationships and Define Slope (Session 3)*
- Unit 3, Lesson 9: Derive and Graph Linear Equations of the Form v = mx + b (Session 2)*
- Unit 3, Lesson 9: Derive and Graph Linear Equations of the Form y = mx + b (Session 4)*
- Unit 3, Lesson 10: Solve Linear Equations in One Variable (Session 4)
- · Unit 3, Lesson 11: Determine the Number of Solutions to One-Variable Equations (Session 3)*

Practice

- Graph Proportional Relationships and Define Slope
- Derive and Graph Linear Equations of the Form y = mx + b
- Solve Linear Equations in One Variable
- · Determine the Number of Solutions to One-Variable Equations

- Find the Slope
- Use Slope-Intercept Vocabulary
- Match the Solution
- · Write an Equation

- · Slope and Unit Rate
- Unit Ratio Tables to Solve Problems
- Identify Proportional Relationships
- Dilation and Similar Figures
- The Equation of a Line
- Model Proportional Relationships
- Solve Equations with the Variable on Both Sides
- Solve Equations
- Solve Problems with Rational Numbers
- Write Equations to Solve Problems
- Solutions of Linear Equations
- Test Solutions of Equations
- Write Equivalent Linear Expressions

- Proportional Relationships and Slope
- Derive Linear **Equations**
- Graph Linear **Equations**
- Solve Linear **Equations**
- Number of Solutions for Linear **Equations**

Week 4: System of Equations

- Unit 3, Lesson 12: Understand Systems of Linear Equations in Two Variables (Session 1)
- Unit 3, Lesson 13: Solve System of Linear Equations Algebraically (Session 2)*
- Unit 3, Lesson 13: Solve System of Linear Equations Algebraically (Session 3)*
- Unit 3, Lesson 13: Solve System of Linear Equations Algebraically (Session 4)*
- Unit 3, Lesson 14: Represent and Solve Problems with Systems of Linear Equations (Session 4)

- Understand Systems of Linear Equations in Two Variables
- Solve System of Linear **Equations Algebraically**
- Represent and Solve **Problems with Systems** of Linear Equations
- Make Systems of Equations
- · Find Four Solutions
- Match Scenarios and Systems
- Solutions of Systems of Linear Equations
- Test Solutions of Equations
- The Equation of a Line
- Solutions of Linear Equations
- Solve Systems of Equations by Substitution
- Write Equations to Solve Problems
- Solve Equations with the Variable on Both
- Solve Real-World Systems of Equations
- Relate Independent and Dependent Variables

- Understand Systems of Linear **Equations**
- Graph Systems of **Linear Equations**
- Solve Systems of **Linear Equations:** Substitution
- Solve Systems of **Linear Equations:** Elimination

Note: Learning Games do not specifically align to Grade 8 standards at this time. However, students who are on grade level in Grade 8 will benefit from practicing relevant skills in new ways within Learning Games.

^{*}Develop Session Video available.

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Interactive **Practice**

Center Activities

Tools for Instruction

i-Ready Lessons

Week 5: Geometry

- Unit 1, Lesson 1: Understand Right Transformations and Their Properties (Session 2)*
- Unit 1, Lesson 2: Work with Single Rigid Transformations in the Coordinate Plane (Session 5)
- Unit 1, Lesson 3: Work with Sequences of Transformations and Congruence (Session 4)
- · Unit 2, Lesson 5: Perform and Describe Transformations Involving Dilations (Session 2)*
- Unit 2, Lesson 6: Describe Angle Relationships (Session 4)

 Understand Right Transformations and

Their Properties

- Work with Single Rigid Transformations in the Coordinate Plane
- Work with Sequences of Transformations and Congruence
- Perform and Describe Transformations **Involving Dilations**
- Describe Angle Relationships

- Identify Rigid Transformations
- Hidden Transformations
- Identify Sequences of Transformations
- Identify Sequences of Transformations with Dilations
- · Identify Pairs of Angles

- · Rigid Transformations
- Find Unknown Angle Measures
- · Triangle Side Lengths
- Transformations and Congruence
- Find Perimeter and Area of a Shape in the Coordinate Plane
- Sequences of Transformations
- Find Perimeter and Area of a Shape in the Coordinate Plane
- · Dilation and Similar Figures
- Identify Proportional Relationships
- Dilations
- Parallel Lines, Transversals, and Angles
- · Find Unknown Angle Measures

- Understand Rigid Transformations
- Translations
- Reflections
- Rotations
- Dilations and Similarity
- Dilations in the Coordinate Plane
- Describe Angle Relationships

Week 6: Pythagorean Theorem and Volume

- Unit 6, Lesson 26: Understand the Pythagorean Theorem and Its Converse (Session 2)*
- Unit 6, Lesson 27: Apply the Pythagorean Theorem (Session 2)*
- Unit 6, Lesson 27: Apply the Pythagorean Theorem (Session 4)*
- Unit 6, Lesson 28: Solve Problems with Volumes of Cylinders, Cones, and Spheres (Session 2)*
- Unit 6, Lesson 28: Solve Problems with Volumes of Cylinders, Cones, and Spheres (Session 3)*

- Understand the Pythagorean Theorem and Its Converse
- · Apply the Pythagorean Theorem
- Solve Problems with Volumes of Cylinders, Cones, and Spheres
- Use Pythagorean Theorem Vocabulary
- Find Pythagorean Triples
- Use Volume Vocabulary for Cylinders, Cones, and Spheres
- Proof of the Pythagorean Theorem
- Areas of Composite Shapes
- Triangle Side Lengths
- Solve Equations Using Square and Cube
- Pythagorean Theorem and Rectangular
- Find Perimeter and Area of a Shape in the Coordinate Plane
- Approximate and Order Irrational Numbers
- Volumes of Cylinders and Cones
- · Volume of Prisms
- Approximate and Order Irrational Numbers

N/A

*Develop Session Video available.

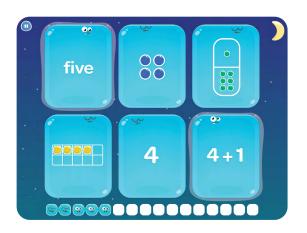
Note: Learning Games do not specifically align to Grade 8 standards at this time. However, students who are on grade level in Grade 8 will benefit from practicing relevant skills in new ways within Learning Games.



Getting to Know the Games

In the Learning Games suite, specific games are available to students based on their chronological grade level. Students start with two to three games to focus their attention and ensure quality gameplay. Additional games are available to students in later gameplay sessions.

Within most games, students can choose from levels of difficulty that are "just right" for them based on their most recent performance on the Diagnostic for Mathematics or their previous performance in the games. Students given access to Learning Games by an account administrator before completing a Diagnostic will see game levels filtered by their chronological grade, and levels will be adjusted once students complete a Diagnostic. Adaptivity within the games meets students where they are and provides challenge, scaffolding, and feedback to build skills and advance levels.



Game Focus and Availability by Grade Level

Games		1	2	3	4	5	6	7	8
Hungry Guppy Early number sense and addition	✓	✓	√						
Hungry Fish Addition, subtraction, and rational number operations fluency		✓	√	√	√	√	√	√	✓
Zoom World's most interactive number line		✓	√	√	√	√	✓	✓	√
Bounce Integer and fraction estimation, negative rational numbers, and absolute values on a number line	✓	✓	√	√	√	√	√	√	√
Match Basic numbers, addition, subtraction, multiplication, division, fractions, rational numbers, and ratios	✓	✓	√	√	√	\checkmark	√	√	√
Pizza Mental math, economics, and proportions			√	√	√	\checkmark			
Cupcake Word problems, real-world economics, proportions, ratios, rates, and coordintate planes			√	√	√	\checkmark	√	\checkmark	✓
Cloud Machine Visual and symbolic fractions				√	✓	√	✓	✓	✓

Learning Games are available to students in Grades K-8 using i-Ready Classroom Mathematics and/or i-Ready Personalized Instruction for Mathematics, at district discretion.



Students on Computers and Chromebooks™

Note: Learning Games are available to students in Grades K–8 using *i-Ready Classroom Mathematics* and/or *i-Ready Personalized Instruction* for Mathematics, at district discretion.

Students can access Learning Games through their student dashboard. To complete these steps, students must be logged in to their account at **i-ReadyConnect.com** or, for single sign-on (SSO) users, through their district's portal:

- 1. If using *i-Ready* for Reading AND Mathematics, select Math under Choose a subject.
 - If ONLY using Math, students will go directly to their Math To Do screen (Step 2) upon logging in.
- 2. If the student does not have an assessment assigned or has been given access to Learning Games by an account administrator, they will see Learning Games in the bottom navigation bar. **Select Learning Games.**
- 3. The student will see the Learning Games home screen and can select any game displayed to start playing.







Chromebook™ is a distinct brand feature of Google, LLC.



Students on iPads®

Ensure iPads have the most recent version of the i-Ready Connect for Students app.

- 1. If students have not installed the i-Ready Connect for Students app, it can be downloaded from the App Store®*
- 2. Log in to i-Ready Connect™ through the *i-Ready Connect for Students* app. Note: SSO users should log in to i-Ready Connect the way they normally would through their district's SSO portal.
- 3. Select Math from the subject selector screen (not pictured) or in the upper left-hand corner of the To Do screen.
- 4. If the student does not have an assessment assigned or has been given access to Learning Games by an account administrator, they will see Learning Games in the bottom navigation bar. Select Learning Games.
- 5. The student will see the Learning Games home screen and can **select** any game displayed to start playing.









^{*}Note that iPad minis® are not supported, and the i-Ready Connect for Students app is not accessible on other tablets or the iPhone®. iPad®, App Store®, iPad mini®, and iPhone® are registered trademarks of Apple, Inc.



Educators

You can play Learning Games and access reports through your i-Ready Connect account.

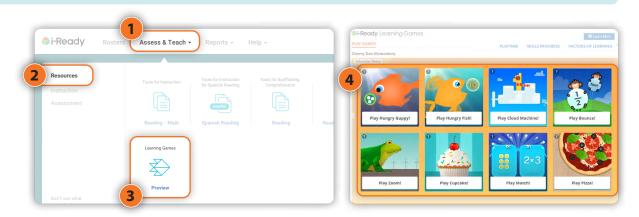
Note: All i-Ready leaders and teachers have access to Learning Games Playtime, Skills Progress, and Factors of Learning reports, which can be used to check in on student activity and progress in the games. See the Reports Overview pages of the Educator Guide: Learning Games for details.

Preview and Explore Learning Games:

- 1. **Select Assess & Teach** from the top navigation.
- 2. **Select Resources** on the left.
- 3. **Select Preview** under Learning Games.
- 4. On the Learning Games home screen, *Play Games* will be selected by default. Select a Learning Game to demo.

Access Reports for Learning Games:

- 1. **Select Reports** from the top navigation.
- 2. Teachers should select Class. (Leaders should select District or School.)
- 3. **Select Instruction** as the report category on the left.
- 4. **Select Go** under Learning Games.
- 5. A. On the Learning Games home screen, the Playtime report will be selected by default. **Select Skills Progress** or **Factors of Learning** to view other Learning Games reports.
 - B. Leaders can also **select a school** to view reports for a specific school.
- 6. **Select Play Games** to access demo versions of all Learning Games.

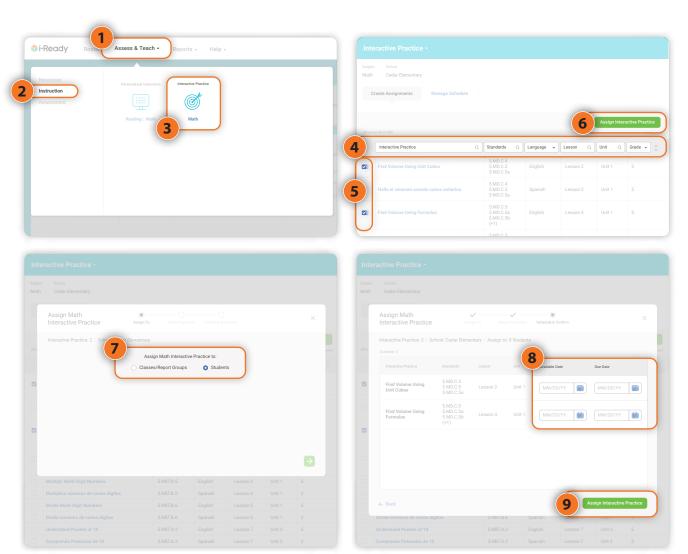






Assigning Interactive Practice

- 1. Select Assess & Teach from the top navigation.
- 2. **Select Instruction** for the category.
- 3. **Select Math** under *Interactive Practice*.
- 4. **Filter** by *Interactive Practice* title, *Standards* addressed, Language, Lesson, Unit, and/or Grade.
- 5. **Use the checkboxes** to select *Interactive* Practice you would like to assign (maximum of 10 at one time). Click on the title to view details or preview the Interactive Practice of your choice.
- 6. Click Assign Interactive Practice. The corresponding pop-up will appear.
- Make sure to click the arrow after each step to move forward!
- 7. Choose Classes/Report Groups or **Students.** Use the **checkboxes** to select your population.
- 8. Enter an Available Date and Due Date for each practice you are assigning.
- 9. Click Assign Interactive Practice.





Managing Assigned Interactive Practice

Follow Steps 1–3 under Assigning Interactive Practice.

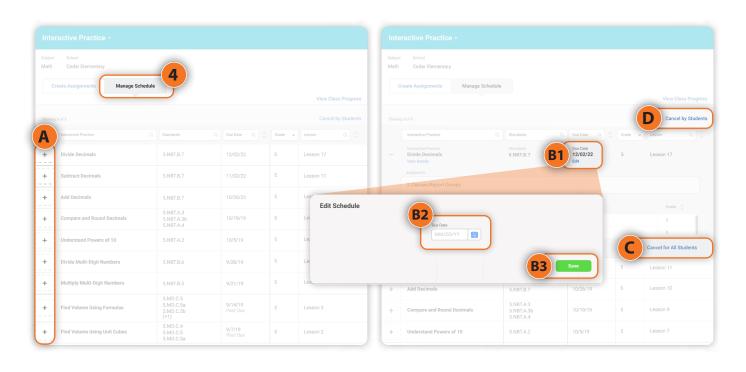
4. Select Manage Schedule.

To View Interactive Practice **Assignment Details:**

A. **Select the + icon** next to the Interactive Practice name.

To Change the Due Date of an **Existing Assignment:**

- B1. Select Edit below Due Date.
- B2. Enter or use the calendar to select the new Due Date on the Edit Schedule screen.
- B3. Click Save.



To Cancel the Interactive Practice Assignment for All Students:

C. Select Cancel for All Students.

To Cancel the Interactive Practice Assignment for Individual Students:

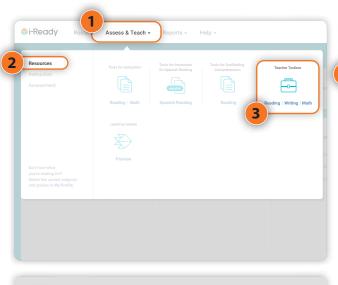
D. Select Cancel by Students above the Interactive Practice table. Follow the steps in the corresponding pop-up to select one or more individual student assignments to cancel. (Steps not pictured.)

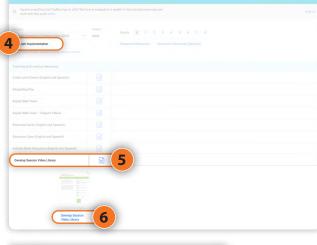


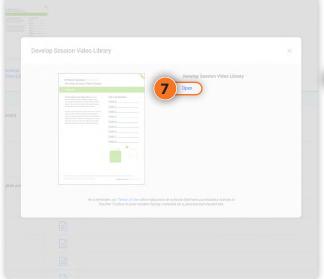
Educators

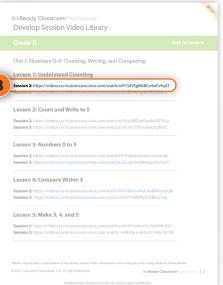
The Develop Session Video Library can be found on the Teacher Toolbox by following these steps:

- 1. Select Assess & Teach from the top navigation.
- 2. **Select Resources** on the left.
- 3. Select Math under Teacher Toolbox.
- 4. Select Program Implementation.
- 5. Under Teaching and Learning Resources, click the icon next to Develop Session Video Library.
- 6. Click on the file to view the Develop Session Video Library.
- 7. Click Open.
- 8. From the file, copy and paste the video links to send them directly to your students.











Students

There are two ways students can access the **Develop Session videos:**

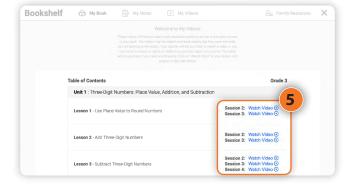
- A. Students can receive a direct link to a video from their teacher (not pictured).
 - —*OR*—
- B. Students can access the list of available videos through their student dashboard. Students must be logged in to their account at i-ReadyConnect.com or, for single sign-on (SSO) users, through their district's portal:
 - 1. If using *i-Ready* for Reading AND Mathematics, select Math under Choose a subject.
 - If ONLY using Math, students will go directly to their Math To Do screen (Step 2) upon logging in.
 - 2. Select the Bookshelf icon.
 - 3. Click on the image of the Student Worktext.
 - 4. On the bookshelf menu, click the My Videos tab.
 - 5. On the My Videos page, choose the desired Develop Session video and click Watch Video.











Contact Information



i-ReadyCentral.com/Classroom-Math

24/7 access to self-service support, including tutorial videos, how tos, planning tools, and tips



Technical Support

<u>i-ReadySupport@cainc.com</u> <u>i-Ready.com/Support</u> (Mon.-Fri. 7 a.m.-9 p.m. ET)



Customer Service

(800) 225-0248

(Mon.–Thurs. 8:30 a.m.–6 p.m.; Fri. 8:30 a.m.–5 p.m. ET)

To see how other educators are maximizing their *i-Ready* experience, follow us on social media!







