

Alignment of At-Home Practice Packets (Math) and Additional Resources to i-Ready Lessons

You may want to extend the learning from i-Ready Personalized Instruction by combining i-Ready online lessons with printable materials that students can work on independently. We have created Alignment Documents for Math and Reading that map the concepts and student materials in the Printable At-Home Activity Packs and Additional Resources, available on www.i-ready.com/Athome, to i-Ready Teacher-Assigned Lessons. This approach has the added benefit of offering students a variety of online and offline learning experiences.

Some tips to keep in mind:

- Use your discretion when **planning**:
 - The concepts covered in the Printable At-Home Activity Packs and Additional Resources and mapped to i-Ready Teacher-Assigned Lessons in the Alignment Documents are not an exhaustive list. Consider the scope and sequence of your core Math or Reading curriculum when selecting the concepts to focus on. The Alignment Documents are not meant to represent a comprehensive blended curriculum.
 - You can break up larger concepts into multiple smaller assignments with fewer lessons and pages to complete than what is suggested in the Alignment Documents.
 - When there are multiple i-Ready Teacher-Assigned Lessons suggested for a given concept in the Alignment Documents, you can review the i-Ready online lesson content and choose which lessons to assign.
- When **assigning** work to students, we recommend you ask them to complete the i-Ready online lessons before working on the aligned Printable At-Home Activity Pack and Additional Resources pages to prepare them for working independently.
- When **communicating** with students and families, share the assignment plan in advance with suggested completion dates and times and be explicit about which concepts and skills students are learning and practicing.

Click [here](#) for How-To instructions for assigning and managing i-Ready Teacher-Assigned Lessons.

Grade	Major Concept	At-Home Practice Packet Page(s)	Additional Resources	Aligned i-Ready Lesson(s)
K	Numbers Within 5	3–9	Grade K Concept 1 • Family Letters • Activities	Count up to 3 Objects Count up to 5 Objects More Less Number Partners for 3 Number Partners for 4 and 5
K	Numbers Within 10	10–19	Grade K Concept 2 • Family Letters • Activities	Count up to 10 Objects in Rows or Arrays Count up to 10 Objects in Different Arrangements Make Groups of up to 10 Objects Find One More Compare Numbers Within 10 Number Partners for 6 and 7 Number Partners for 8 and 9 Number Partners for 10 Make 10
K	Numbers Within 100	—	Grade K Concept 3 • Family Letters • Activities	Count up to 20 Objects Make Groups of up to 20 Objects Order Numbers to 20 Explore Teen Numbers

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K	Adding and Subtracting Numbers	20–31	Grade K Concept 4 • Family Letters • Activities	Understand Addition Add Within 5 Understand Subtraction Subtract Within 5 Fluently Add and Subtract Within 5 Add Within 10 Subtract Within 10
K	Describing Shapes	—	Grade K Concept 5 • Family Letters • Activities	Cube Sphere Circle Square Triangle Identify Two-Dimensional Shapes

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1	Addition and Subtraction	3–22, 25–31	Grade 1 Concept 1 • Family Letters • Activities	“Add To” and “Put Together” Word Problems Add in Any Order Count On to Add “Add To Change Unknown” Word Problems Think Addition to Subtract Count On to Subtract “Take From” Word Problems “Take From Change Unknown” Word Problems Doubles Doubles and Near Doubles “Put Together/Take Apart Addend Unknown” Problems “Compare Difference Unknown” Word Problems “Compare Bigger Unknown” Word Problems “Compare Smaller Unknown” Word Problems Make a Ten to Add Add Three Numbers in Word Problems Make a Ten to Subtract Fluently Add and Subtract Within 10 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 Add Two-Digit and One-Digit Numbers Add More Two-Digit and One-Digit Numbers Add Two-Digit Numbers Add More Two-Digit Numbers “Add To Start Unknown” Word Problems “Take From Start Unknown” Word Problems More “Compare Bigger Unknown” Word Problems More “Compare Smaller Unknown” Word Problems

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1	Numbers to 120	23–24	Grade 1 Concept 2 • Family Letters • Activities	Order Numbers to 120 Identify Teen Numbers Build Teen Numbers Identify Two-Digit Numbers Build Two-Digit Numbers
1	Measurement	—	Grade 1 Concept 3 • Family Letters • Activities	Measure Lengths
1	Shapes	—	Grade 1 Concept 4 • Family Letters • Activities	Understand Attributes of Shapes Divide Shapes into Two Equal Parts Divide Shapes into Four Equal Parts
2	Place Value	17–20	Grade 2 Concept 1 • Family Letters • Activities	Understand Hundreds, Tens, and Ones Use Hundreds, Tens, and Ones

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2	Addition and Subtraction	3–16, 21–25	Grade 2 Concept 2 • Family Letters • Activities	“Add To” Word Problems Within 10 Use Mental Math to Add (Make a Ten), Part 1 Use Mental Math to Add (Make a Ten), Part 2 “Add to Start Unknown” Word Problems Within 20 Use Mental Math to Add (Near Doubles) Use Mental Math Strategies to Add “Take From Start Unknown” Word Problems Within 20 Think Addition to Subtract Think Addition to Subtract (Make a Ten) “Compare Bigger Unknown” Word Problems Within 20 “Compare Smaller Unknown” Word Problems Within 20 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 2 Solve Two-Step Problems Add or Subtract 10 or 100 Add Three-Digit and Two-Digit Numbers Add Three-Digit Numbers Subtract Two-Digit from Three-Digit Numbers Subtract Three-Digit Numbers Add up to Four Two-Digit Numbers Add Within 1,000 on Number Lines Subtract Within 1,000 on Number Lines

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2	Measurement Concepts	26–31	Grade 2 Concept 3 • Family Letters • Activities	Measure Lengths in Inches Measure Lengths in Centimeters Understand Measurement with Different Units Estimate Lengths in Inches Estimate Lengths in Centimeters Compare Lengths Understand Number Lines Understand Addition Using Number Lines Understand Subtraction Using Number Lines, Part 1 Understand Subtraction Using Number Lines, Part 2 Solve Problems Involving Length
2	Geometry Concepts	—	Grade 2 Concept 4 • Family Letters • Activities	Recognize and Draw Shapes Divide Shapes into Three Equal Parts Divide Shapes into Two, Three, or Four Equal Parts

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3	Multiplication and Division	4–26	Grade 3 Concept 1 • Family Letters • Activities	Understand Multiplication, Part 1 Multiplication Word Problems, Part 1 Understand Multiplication, Part 2 Multiplication Word Problems, Part 2 Use Order and Grouping to Multiply Break Apart a Number to Multiply Word Problems Involving Length and Money Practice: Multiply Within 100 Understand Division, Part 1 Division Word Problems, Part 1 Understand Division, Part 2 Division Word Problems, Part 2 Practice: Multiply and Divide Within 100 Practice: Divide and Multiply (Within 100) Solve Two-Step Word Problems Using the Four Operations Understand Patterns
3	Fractions	27–30	Grade 3 Concept 2 • Family Letters • Activities	Understand What a Fraction Is Understand Fractions on a Number Line Find Equivalent Fractions Understand Comparing Fractions
3	Area and Square Units	—	Grade 3 Concept 3 • Family Letters • Activities	Understand Area Add and Multiply to Find Area

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3	Geometry Concepts	—	Grade 3 Concept 4 • Family Letters • Activities	Understand Categories of Shapes Classify Quadrilaterals Divide Shapes into Parts with Equal Areas
3	Telling Time	31–32	—	Tell and Write Time
4	Understanding Place Value	3–6	—	Understand Place Value Practice: Compare Whole Numbers Round Whole Numbers
4	Adding and Subtracting Whole Numbers	7–11	—	Add Whole Numbers Subtract Whole Numbers
4	Multiplying Whole Numbers	12–18	Grade 4 Concept 1 • Family Letters • Activities	Multiplication Word Problems Multiplicative Comparison Word Problems, Part 1 Multiplicative Comparison Word Problems, Part 2 Multiplicative Comparison Word Problems, Part 3 Multiply by One-Digit Numbers, Part 1 Multiply by One-Digit Numbers, Part 2 Multiply Two-Digit Numbers by Two-Digit Numbers Solve Multi-Step Problems
4	Dividing Whole Numbers	19–23	Grade 4 Concept 2 • Family Letters • Activities	Division Word Problems with Remainders, Part 1 Division Word Problems with Remainders, Part 2 Divide Whole Numbers, Part 1 Divide Whole Numbers, Part 2

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4	Operations with Fractions	24–31	Grade 4 Concept 3 • Family Letters • Activities	Equivalent Fractions Compare Fractions Understand Adding and Subtracting Fractions Understand Mixed Numbers Add and Subtract Fractions Understand Fraction Multiplication Fractions as Tenths and Hundredths
4	Measurement and Geometry Concepts	—	Grade 4 Concept 4 • Family Letters • Activities	Add and Subtract Angle Measures Measure Angles Identify Points, Lines, and Rays Identify Angles Classify Quadrilaterals Classify Triangles Line Symmetry
5	Place Value Concepts	4–9	—	Understand Place Value Read and Write Decimals Compare Decimals Round Decimals
5	Volume and Cubic Units	—	Grade 5 Concept 1 • Family Letters • Activities	Understand and Measure Volume Find Volume of Rectangular Prisms Using Formulas

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5	Multiplication and Division with Whole Numbers	10–13	Grade 5 Concept 2 • Family Letters • Activities	Multiply Whole Numbers Divide Whole Numbers
5	Addition and Subtraction with Fractions and Decimals	14–17, 23–28	Grade 5 Concept 3 • Family Letters • Activities	Add and Subtract Fractions Add and Subtract Fractions in Word Problems Add and Subtract Decimals
5	Multiplication and Division with Decimals	18–22	—	Multiply and Divide Decimals by Powers of Ten Multiply Decimals Divide Decimals
5	Multiplication and Division with Fractions	29–32	Grade 5 Concept 4 • Family Letters • Activities	Fractions as Division Understand Products of Fractions Multiply Fractions to Find Area Understand Multiplication as Scaling Understand Division with Unit Fractions Divide Unit Fractions in Word Problems
6	Expressions and Equations	23–31	Grade 6 Concept 1 • Family Letters • Activities	Numerical Expressions and Order of Operations Algebraic Expressions Equivalent Expressions Solving Equations Using Equations to Solve Problems Solving Inequalities Relationships Between Variables in Equations

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6	Divisions with Fractions	16–17	Grade 6 Concept 2 • Family Letters • Activities	—
6	Positive and Negative Numbers	18–22	Grade 6 Concept 3 • Family Letters • Activities	Understand Integers Order Positive and Negative Numbers Understand Absolute Value Coordinate Plane and Absolute Value
6	Ratios, Rates, and Percents	3–15	Grade 6 Concept 4 • Family Letters • Activities	Understand Ratio Concepts Equivalent Ratios Equivalent Ratio Tables Graph Equivalent Ratios Understand Unit Rate Solve Problems with Ratios and Unit Rates Solve Problems with Measurement Conversions Understand Percent Concepts Find Percent of a Number Solve Problems with Percent
6	Statistical Thinking	—	Grade 6 Concept 5 • Family Letters • Activities	Understanding Statistics Box Plots Understand Mean and MAD Dot Plots Choice of Measures of Center and Variability Histograms Choosing Data Displays

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7	Proportional Relationships	14–23	Grade 7 Concept 1 • Family Letters • Activities	Ratios Involving Complex Fractions Understand Proportional Relationships Write Equations for Proportional Relationships Solve Percent Problems, Part 1 Solve Percent Problems, Part 2 Solve Percent Problems, Part 3 Percent Change
7	Operations with Rational Numbers	3–13	Grade 7 Concept 2 • Family Letters • Activities	Understand Addition with Integers Understand Subtraction with Integers Understand Distance on the Number Line Strategies to Add and Subtract Integers Add and Subtract Rationals Strategies to Add and Subtract Rationals Multiply Integers Multiplication and Division of Rational Numbers Expressing Fractions as Decimals Problem Solving with Rational Numbers
7	Expressions and Equations	24–31	Grade 7 Concept 3 • Family Letters • Activities	Linear Expressions Problem Solving with Equations Problem Solving with Inequalities

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7	Geometry	—	Grade 7 Concept 4 • Family Letters • Activities	Scale Drawings Construction of Triangles Problem Solving with Angles Area and Circumference of a Circle Area of Composed Figures Surface Area of Composed Figures Volume of Composed Figures Cross-sections of Prisms and Pyramids
7	Populations and Samples	—	Grade 7 Concept 5 • Family Letters • Activities	Using Mean and Mean Absolute Deviation to Compare Data Using Measures of Center and Variability to Compare Data
8	Expressions and Equations	3–11, 18–27	Grade 8 Concept 1 • Family Letters • Activities	Properties of Integer Exponents Square Roots and Cube Roots Scientific Notation Representing Proportional Relationships Linear Equations and Slope Solving Linear Equations Solving Linear Equations with Rational Coefficients Systems of Linear Equations Solving Systems of Linear Equations Algebraically
8	Functions	12–17	Grade 8 Concept 2 • Family Letters • Activities	Concept of a Function Linear Functions Linear Functions, Rate of Change, and Initial Value Properties of Functions Using a Graph to Analyze a Functional Relationship

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8	Transformations	28–31	Grade 8 Concept 3 • Family Letters • Activities	Properties of Translations and Reflections Properties of Rotations Properties of Dilations
8	Geometry	—	Grade 8 Concept 4 • Family Letters • Activities	The Pythagorean Theorem Applications of the Pythagorean Theorem Volume of Cylinders, Cones, and Spheres