



Intervention Planning Support: Instructional Groupings Report Resources for Mathematics—Grade 7

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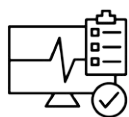
Guidance Overview

The *i-Ready* Instructional Groupings report groups students with similar instructional priorities, provides recommendations for teacher-led instruction, and identifies resources to support differentiated instruction by domain. This document is designed to support educators with matching related *i-Ready Personalized Instruction* lessons to the Tools for Instruction (TFIs) resources identified in the Instructional Groupings report to support intervention and monitor student progress for Grade 7.

For specific implementation guidance and additional grade levels, see [Intervention Planning Support: Instructional Groupings Report Resources for Mathematics](#).

Using Instructional Groupings Report and *i-Ready* Resources to Support Intervention

1



Administer
i-Ready Inform

2



Review **Groupings** in
the Instructional
Groupings report

3



Select **Tools for
Instruction** for small
group instruction

4



Assign related
**Personalized
Instruction** lesson

5



Monitor data to
respond or adjust

IMPORTANT CONSIDERATIONS



- **Targeted support with off-grade skills should not supersede or replace grade-level core instruction** and should be layered on in small group instruction as needed to complement and accelerate students' access to grade-level content.
- **It is not intended for educators to use all resources identified in this document** and/or for all students. Rather, educators are encouraged to view this document as a menu of options to choose from strategically based on students' needs.

Instructional Groupings Resources: Number and Operations Domain



Educators may reference the [Instructional Groupings Report for Mathematics](#) to select [Tools for Instruction](#) lesson(s) to provide explicit, targeted, or supplemental instruction at the students' placement level in small groups. Educators may then use the tables below to find Personalized Instruction lessons that can be teacher assigned to provide opportunities to practice or monitor student progress with the skill taught in the matched TFI.

***Note:** The Personalized Instruction lessons listed in the tables below are known as *i-Ready* Classic K–5 Lessons. For instructions on assigning Personalized Instruction, reference [How do I add Teacher-Assigned Lessons?](#) and follow the directions provided for assigning lessons for Grades K–5.

Domain: Number and Operations					
Report Grouping		Tools for Instruction <i>Provide explicit, teacher-led instruction</i>		Personalized Instruction <i>Assign opportunities to practice or monitor student progress</i>	
1	2	Lesson Title	Level	Lesson Title	Level
✓		Read and Write Decimals to Thousandths	5	Understand and Model Decimals	Late 4
✓		Compare Decimals to Thousandths	5	Compare Decimals Up to Thousandths	Early 5
✓		Multiply Decimals	5	Multiply a Decimal by a Whole Number	Mid 5
				Multiply a Decimal by a Decimal	Mid 5
✓		Add Fractions with Unlike Denominators	5	Fraction Addition with Unlike Denominators	Mid 5
				Add Mixed Numbers with Unlike Denominators	Mid 5
✓		Multiply a Whole Number and a Fraction	4, 5	Multiply a Whole Number by a Unit Fraction	Late 5
				Multiply a Whole Number by a Fraction	Late 5
✓		Multiply Fractions	5, 6	Multiply a Unit Fraction by a Unit Fraction	Late 5
				Multiply a Fraction by a Fraction	Late 5
✓		Subtract Fractions and Mixed Numbers with Unlike Denominators	5	Fraction Subtraction with Unlike Denominators	Late 4
				Subtract Mixed Numbers with Unlike Denominators	Mid 5
✓		Understand Fraction Multiplication	5	–	–
✓		Understand Multiplication as Scaling	5	Understand Multiplication as Scaling	Extra 5
✓		Multiplying Fractions to Solve Word Problems	5	–	–
✓		Interpreting Fractions as Division	5	Understand Fractions as Division	Late 5
✓		Dividing with Unit Fractions	5	Practice: Multiply and Divide Unit Fractions	Late 5
✓		Dividing Unit Fractions to Solve Word Problems	5	Divide Unit Fractions in Word Problems	Extra 5
✓		Add Decimals	4, 5	Add Decimals	Mid 5
✓		Subtract Decimals	4, 5	Subtract Decimals	Mid 5
✓		Multiply a Decimal by a Whole Number	5	Multiply a Decimal by a Whole Number	Late 5
✓		Divide Decimals	5	Practice: Divide Decimals	Mid 5
				Divide a Whole Number by a Decimal	Mid 5
				Divide a Decimal by a Whole Number	Mid 5
✓		Solve Word Problems with Fractions and Decimals	5	Add and Subtract Fractions in Word Problems	Extra 5
				Divide Unit Fractions in Word Problems	Extra 5
✓		Place Value in Whole Numbers and Decimals	5	Decimal Place Value, Part 1	Early 5
				Decimal Place Value, Part 2	Early 5
✓		Multiply Multi-Digit Numbers	5	Multiply Whole Numbers	Early 5



Domain: Number and Operations					
Report Grouping		Tools for Instruction <i>Provide explicit, teacher-led Instruction</i>		Personalized Instruction <i>Assign opportunities to practice or monitor student progress</i>	
1	2	Lesson Title	Level	Lesson Title	Level
✓		Divide Multi-Digit Numbers	5, 6	Divide Whole Numbers, Part 1	Mid 4
				Divide Whole Numbers, Part 2	Mid 4
				Divide by Two-Digit Numbers, Part 1	Early 5
				Divide by Two-Digit Numbers, Part 2	Early 5
	✓	Find the Least Common Multiple	6	Least Common Multiple	Mid 6
	✓	Find the Greatest Common Factor	6	Greatest Common Factors (GCF)	Mid 6
	✓	Divide Multi-Digit Whole Numbers	5, 6	Divide Whole Numbers, Part 1	Mid 4
				Divide Whole Numbers, Part 2	Mid 4
				Divide by Two-Digit Numbers, Part 1	Early 5
				Divide by Two-Digit Numbers, Part 2	Early 5
	✓	Divide Fractions	6	Divide Fractions: Whole-Number Quotients	Mid 6
				Divide Fractions: Fractional Quotients	Mid 6
				Divide Fractions: Use an Algorithm	Mid 6
	✓	Understand Ratios	6	Understand Ratio Concepts	Mid 6
	✓	Relate Fractions and Percents	6	Understand Percent Concepts	Mid 6
	✓	Write Decimals and Percents	6	Understand Ratio Concepts	Mid 6
	✓	Compare Positive and Negative Rational Numbers	6	Understand Integers	Late 6
	✓	Understand and Apply Absolute Value	6	Understand Absolute Value	Late 6
	✓	Points in a Coordinate Plane	6	Understand the Coordinate Plane	Late 5
	✓	Multiply Multi-Digit Decimals	6	Multiply a Decimal by a Whole Number	Mid 5
				Multiply a Decimal by a Decimal	Mid 5
	✓	Understand Division with Fractions	6	Divide Fractions: Whole-Number Quotients	Mid 6
				Divide Fractions: Fractional Quotients	Mid 6
				Divide Fractions: Use an Algorithm	Mid 6
	✓	Find Equivalent Ratios	6	Equivalent Ratios	Mid 6
	✓	Use Part-to-Part and Part-to-Whole Ratios	6	Understand Ratio Concepts	Mid 6
	✓	Understand Positive and Negative Numbers	6	Understand Integers	Late 6

Instructional Groupings Resources: Algebra and Algebraic Thinking Domain



***Note:** The Personalized Instruction lessons listed in the tables below are known as *i-Ready* Classic K–5 Lessons. For instructions on assigning Personalized Instruction, reference [How do I add Teacher-Assigned Lessons?](#) and follow the directions provided for assigning lessons for Grades K–5.

Domain: Algebra and Algebraic Thinking					
Report Grouping		Tools for Instruction <i>Provide explicit, teacher-led instruction</i>		Personalized Instruction <i>Assign opportunities to practice or monitor student progress</i>	
1	2	Lesson Title	Level	Lesson Title	Level
✓		Use the Order of Operations to Evaluate Expressions with Parenthesis	4, 5	Evaluate, Write, and Interpret Expressions	Late 5
✓		Numerical Patterns and Relationships	5	Analyze Patterns and Relationships	Extra 5
	✓	Finding Percents	6	Practice: Analyze Patterns and Relationships	Late 5
	✓	Find the Whole from a Part and a Percent	6	Find Percent of a Number	Mid 6
	✓	Visualize Rate	6	Solve Problems with Percent	Mid 6
	✓	Use Ratio Tables to Solve Problems	6	-	-
	✓	Powers of Ten	6	Equivalent Ratio Tables	Mid 6
	✓	Use Order of Operations	6	Understand Powers of 10	Early 5
	✓	Use Mathematical Vocabulary	6	Practice: Decimals and Powers of 10	Early 5
	✓	Evaluate Variable Expressions	6	Practice: Whole Numbers and Powers of Ten	Extra 5
	✓	Write Equivalent Expressions	6	Evaluate, Write, and Interpret Expressions	Late 5
	✓	Test Solutions of Equations	6	-	-
	✓	Solve Inequalities	6	Write and Evaluate Algebraic Expressions	Early 6
	✓	Write Inequalities	6	Algebraic Expressions with Exponents	Early 6
	✓	Represent Inequalities on Number Lines	6	Evaluate, Write, and Interpret Expressions	Late 5
	✓	Solve Equations	6	Solutions of Equations	Mid 6
	✓	Relate Independent and Dependent Variables	6	Write and Solve Addition Equations	Mid 6
	✓	Evaluate Expressions Containing Exponents	6	Write and Solve Multiplication Equations	Mid 6
	✓	Use the Order of Operations to Write and Evaluate Expressions with Exponents	6	-	-
	✓		6	Numerical Expressions with Exponents	Early 6
	✓		6	Algebraic Expressions with Exponents	Early 6
	✓		6	Evaluate, Write, and Interpret Expressions	Late 5