

Grade 1 Support

Bridge from Grade K to Grade 1

Grade K Topics 9-14 were sequenced for Spring 2020. Based on the needs of your students, there is content from these topics that may need to be incorporated into your Grade 1 instructional plans. To inform your planning, please review content noted in the middle column to identify content and learning experiences that may support students' learning in Grade 1.

Grade K

- 1 Numbers 0 to 5
- 2 Compare Numbers 0 to 5
- 3 Numbers 6 to 10
- 4 Compare Numbers 0 to 10
- 5 Classify and Count Data
- 6 Understand Addition
- 7 Understand Subtraction
- 8 More Addition and Subtraction
- 9 Count Numbers to 20
- 10 Compose and Decompose Numbers 11 to 19
- 11 Count Numbers to 100
- 12 Identify and Describe Shapes
- 13 Analyze, Compare, and Create Shapes
- 14 Describe and Compare Measurable Attributes

Key Grade K Content to be aware of in Grade 1

Topic 9

The content of this topic directly supports the content of Grade 1 Topic 3. The content of this topic is assumed at the start of Grade 1.

Topic 10

The content of this topic directly supports the content of Grade 1 Topic 3. The content of this topic is assumed at the start of Grade 1.

Topic 11

All the counting work to 100 is revisited at Grade 1 and extended to 120.

Topic 12

The content of this topic directly supports the content of Grade 1 Topic 14. Most of the work in this topic is revisited at Grade 1.

Topic 13

Essentially all the work in this topic is revisited at Grade 1.

Topic 14

The content of this topic directly supports the content of Grade 1 Topic 12. All the work in this topic is important in building an understanding of the measurement process and measurable attributes.

Grade 1

- 1 Solve Addition and Subtraction Problems to 10
- 2 Fluently Add and Subtract Within 10
- 3 Addition Facts to 20: Use Strategies
- 4 Subtraction Facts to 20: Use Strategies
- 5 Work with Addition and Subtraction Equations
- 6 Represent and Interpret Data
- 7 Extend the Counting Sequence
- 8 Understand Place Value
- 9 Compare Two-Digit Numbers
- 10 Use Models and Strategies to Add Tens and Ones
- 11 Use Models and Strategies to Subtract Tens
- 12 Measure Lengths
- 13 Time
- 14 Reason with Shapes and Their Attributes
- 15 Equal Shares of Circles and Rectangles

Grade 2 Support

Bridge from Grade 1 to Grade 2

Grade 1 Topics 10-15 were sequenced for Spring 2020. Based on the needs of your students, there is content from these topics that may need to be incorporated into your Grade 2 instructional plans. To inform your planning, please review content noted in the middle column to identify content and learning experiences that may support students' learning in Grade 2.

Grade 1

- 1 Solve Addition and Subtraction Problems to 10
- 2 Fluently Add and Subtract Within 10
- 3 Addition Facts to 20: Use Strategies
- 4 Subtraction Facts to 20: Use Strategies
- 5 Work with Addition and Subtraction Equations
- 6 Represent and Interpret Data
- 7 Extend the Counting Sequence
- 8 Understand Place Value
- 9 Compare Two-Digit Numbers
- 10 Use Models and Strategies to Add Tens and Ones
- 11 Use Models and Strategies to Subtract Tens
- 12 Measure Lengths
- 13 Time
- 14 Reason with Shapes and Their Attributes
- 15 Equal Shares of Circles and Rectangles

Key Grade 1 Content to be aware of in Grade 2

Topic 10

The content of this topic directly supports the content of Grade 2 Topic 3. Many ideas at Grade 1 are revisited at Grade 2.

Topic 11

The content of this topic directly supports the content of Grade 2 Topic 5. This topic at Grade 1 is limited to subtracting tens (e.g., $45 - 20$) and Grade 2 starts with subtracting tens and ones (e.g., $57 - 23$). Lessons in this topic introduce the subtraction work at Grade 2.

Topic 12

The content of this topic directly supports the content of Grade 2 Topic 12. The attribute of length and finding length with non-standard units are developed at Grade 1. Grade 2 starts with inches.

Topic 13

The content of this topic directly supports the content of Grade 2 Topic 8. Lessons 13-1 through 13-4 are foundational for the work with time at Grade 2.

Topic 14

The content of this topic directly supports the content of Grade 2 Topic 15. Every lesson in this topic has students reasoning about shapes.

Topic 15

All the work in this topic is revisited at Grade 2.

Grade 2

- 1 Fluently Add and Subtract Within 20
- 2 Work with Equal Groups
- 3 Add Within 100 Using Strategies
- 4 Fluently Add Within 100
- 5 Subtract Within 100 Using Strategies
- 6 Fluently Subtract Within 100
- 7 More Solving Problems Involving Addition and Subtraction
- 8 Work with Time and Money
- 9 Numbers to 1,000
- 10 Add Within 1,000 Using Models and Strategies
- 11 Subtract Within 1,000 Using Models and Strategies
- 12 Measuring Length
- 13 More Addition, Subtraction, and Length
- 14 Graphs and Data
- 15 Shapes and Their Attributes

Grade 3 Support

Bridge from Grade 2 to Grade 3

Grade 2 Topics 10-15 were sequenced for Spring 2020. Based on the needs of your students, there is content from these topics that may need to be incorporated into your Grade 3 instructional plans. To inform your planning, please review content noted in the middle column to identify content and learning experiences that may support students' learning in Grade 3.

Grade 2

- 1 Fluently Add and Subtract Within 20
- 2 Work with Equal Groups
- 3 Add Within 100 Using Strategies
- 4 Fluently Add Within 100
- 5 Subtract Within 100 Using Strategies
- 6 Fluently Subtract Within 100
- 7 More Solving Problems Involving Addition and Subtraction
- 8 Work with Time and Money
- 9 Numbers to 1,000
- 10 Add Within 1,000 Using Models and Strategies
- 11 Subtract Within 1,000 Using Models and Strategies
- 12 Measuring Length
- 13 More Addition, Subtraction, and Length
- 14 Graphs and Data
- 15 Shapes and Their Attributes

Key Grade 2 Content to be aware of in Grade 3

Topic 10

The content of this topic directly supports the content of Grade 3 Topic 9. Grades 2 and 3 develop addition of two 3-digit numbers. Grade 2 emphasizes models and number lines and Grade 3 emphasizes partial sums.

Topic 11

The content of this topic directly supports the content of Grade 3 Topic 9. The development subtraction models and strategies parallels that for addition (Grade 2 Topic 10).

Topic 12

Length is not developed at Grade 3. Consider this content throughout the year as it connects to addition, subtraction, and fractions in Grade 3.

Topic 13

Although measurement contexts are used for the lessons in this topic, the focus is on addition and subtraction calculations using skills developed earlier in the year.

Topic 14

Line plots, bar graphs and picture graphs, introduced at Grade 2, are revisited at Grade 3.

Topic 15

The content of this topic directly supports the content of Grade 3 Topic 15. Lessons 15-1 through 15-4 develop foundational ideas assumed for the work in Grade 3. The lessons on partitioning and equal shares are revisited at Grade 3.

Grade 3

- 1 Understand Multiplication and Division of Whole Numbers
- 2 Multiplication Facts: Use Patterns
- 3 Apply Properties: Multiplication Facts for 3, 4, 6, 7, 8
- 4 Use Multiplication to Divide: Division Facts
- 5 Fluently Multiply and Divide within 100
- 6 Connect Area to Multiplication and Addition
- 7 Represent and Interpret Data
- 8 Use Strategies and Properties to Add and Subtract
- 9 Fluently Add and Subtract within 1,000
- 10 Multiply by Multiples of 10
- 11 Use Operations with Whole Numbers to Solve Problems
- 12 Understand Fractions as Numbers
- 13 Fraction Equivalence and Comparison
- 14 Solve Time, Capacity, and Mass Problems
- 15 Attributes of Two-Dimensional Shapes
- 16 Solve Perimeter Problems

Grade 4 Support

Bridge from Grade 3 to Grade 4

Grade 3 Topics 11-16 were sequenced for Spring 2020. Based on the needs of your students, there is content from these topics that may need to be incorporated into your Grade 4 instructional plans. To inform your planning, please review content noted in the middle column to identify content and learning experiences that may support students' learning in Grade 4.

Grade 3

- 1 Understand Multiplication and Division of Whole Numbers
- 2 Multiplication Facts: Use Patterns
- 3 Apply Properties: Multiplication Facts for 3, 4, 6, 7, 8
- 4 Use Multiplication to Divide: Division Facts
- 5 Fluently Multiply and Divide within 100
- 6 Connect Area to Multiplication and Addition
- 7 Represent and Interpret Data
- 8 Use Strategies and Properties to Add and Subtract
- 9 Fluently Add and Subtract within 1,000
- 10 Multiply by Multiples of 10
- 11 Use Operations with Whole Numbers to Solve Problems
- 12 Understand Fractions as Numbers
- 13 Fraction Equivalence and Comparison
- 14 Solve Time, Capacity, and Mass Problems
- 15 Attributes of Two-Dimensional Shapes
- 16 Solve Perimeter Problems

Key Grade 3 Content to be aware of in Grade 4

Topic 11

All lessons involve applications of skills developed in earlier topics at Grade 3. Problem solving with all the same operations is revisited in Grade 4.

Topic 12

The content of this topic directly supports the content of Grade 4 Topic 8. Fraction meanings, including mixed numbers, are developed in Lessons 12-1 through 12-5. These ideas are not developed again in Grade 4, but are used in Grade 4. The lineplot lessons are developed again in Grade 4.

Topic 13

The content of this topic directly supports the content of Grade 4 Topic 8. Lessons 13-3 and 13-4 develop the generalizations about comparing fractions with the same numerators or same denominators. Lesson 13-7 interprets whole numbers as fractions and is not revisited at Grade 4. Many of the other ideas in this topic are revisited at Grade 4.

Topic 14

Lessons 14-1 through 14-3 develop and use units of time, which is not included at Grade 4. The work with liquid volume (capacity), and mass is revisited at Grade 4. **Teach before or with Grade 4 Topic 13.**

Topic 15

All this content is revisited at Grade 4.

Topic 16

The content of this topic directly supports the content of Grade 4 Topic 13. Lessons in this topic build an understanding of perimeter and area. There is only one lesson on perimeter and area at Grade 4.

Grade 4

- 1 Generalize Place Value Understanding
- 2 Fluently Add and Subtract Multi-Digit Whole Numbers
- 3 Use Strategies and Properties to Multiply by 1-Digit Numbers
- 4 Use Strategies and Properties to Multiply by 2-Digit Numbers
- 5 Use Strategies and Properties to Divide by 1-Digit Numbers
- 6 Use Operations with Whole Numbers to Solve Problems
- 7 Factors and Multiples
- 8 Extend Understanding of Fraction Equivalence and Ordering
- 9 Understand Addition and Subtraction of Fractions
- 10 Extend Multiplication Concepts to Fractions
- 11 Represent and Interpret Data on Line Plots
- 12 Understand and Compare Decimals
- 13 Measurement: Find Equivalence in Units of Measure
- 14 Algebra: Generate and Analyze Patterns
- 15 Geometric Measurement: Understand Concepts of Angles and Angle Measurement
- 16 Lines, Angles, and Shapes

Grade 5 Support

Bridge from Grade 4 to Grade 5

Grade 4 Topics 11-16 were sequenced for Spring 2020. Based on the needs of your students, there is content from these topics that may need to be incorporated into your Grade 5 instructional plans. To inform your planning, please review content noted in the middle column to identify content and learning experiences that may support students' learning in Grade 5.

Grade 4

- 1 Generalize Place Value Understanding
- 2 Fluently Add and Subtract Multi-Digit Whole Numbers
- 3 Use Strategies and Properties to Multiply by 1-Digit Numbers
- 4 Use Strategies and Properties to Multiply by 2-Digit Numbers
- 5 Use Strategies and Properties to Divide by 1-Digit Numbers
- 6 Use Operations with Whole Numbers to Solve Problems
- 7 Factors and Multiples
- 8 Extend Understanding of Fraction Equivalence and Ordering
- 9 Understand Addition and Subtraction of Fractions
- 10 Extend Multiplication Concepts to Fractions
- 11 Represent and Interpret Data on Line Plots
- 12 Understand and Compare Decimals
- 13 Measurement: Find Equivalence in Units of Measure
- 14 Algebra: Generate and Analyze Patterns
- 15 Geometric Measurement: Understand Concepts of Angles and Angle Measurement
- 16 Lines, Angles, and Shapes

Key Grade 4 Content to be aware of in Grade 5

Topic 11

All the content in this topic is revisited in Grade 5.

Topic 12

The content of this topic directly supports the content of Grade 5 Topic 1. The decimal and fraction connection (Lessons 12-1 and 12-2) occurs at Grade 4 and not at Grade 5. All other content in this topic is revisited at Grade 5.

Topic 13

Much of this content is revisited in Grade 5. Perimeter and area problems are included in this topic; however, these are not new concepts.

Topic 14

The content of this topic directly supports the content of Grade 5 Topic 15. The work of generating and analyzing patterns is extended in Grade 5 Topic 15 Algebra: Analyze Patterns and Relationships.

Topic 15

The content of this topic directly supports the content Grade 5 Topic 16. Topic 15 develops concepts of points, line segments, rays, angles (right, acute, obtuse, straight).

Topic 16

The lessons on lines (16-1) and Line Symmetry (16-4 and 16-5), supports content needed beyond Grade 5. The work on classifying triangles and quadrilaterals are revisited at Grade 5.

Grade 5

- 1 Understand Place Value
- 2 Add and Subtract Decimals to Hundredths
- 3 Fluently Multiply Multi-Digit Whole Numbers
- 4 Use Models and Strategies to Multiply Decimals
- 5 Use Models and Strategies to Divide Whole Numbers
- 6 Use Models and Strategies to Divide Decimals
- 7 Use Equivalent Fractions to Add and Subtract Fractions
- 8 Apply Understanding of Multiplication to Multiply Fractions
- 9 Apply Understanding of Division to Divide Fractions
- 10 Understand Volume Concepts
- 11 Convert Measurements
- 12 Represent and Interpret Data
- 13 Algebra: Write and Interpret Numerical Expressions
- 14 Graph Points on the Coordinate Plane
- 15 Algebra: Analyze Patterns and Relationships
- 16 Geometric Measurement: Classify Two-Dimensional Figures