



Grade 1 Support

This guidance identifies key *Investigations* content from roughly the last third of a grade, which may not have been covered sufficiently due to the disruption at the end of the 2019–2020 school year.

To help cover this unfinished learning, the charts provide suggestions for where to include specific *Investigations* resources (Classroom Routines/Ten-Minute Math; Games; Math Words and Ideas; Expanded Differentiation Activities) as part of work in the next grade this school year, 2020–2021.

Grade K Units 6, 7, and 8 may not have been covered in Spring, 2020. Resources from **four investigations** in Grade K are recommended to include in the Grade 1 units below, as needed.

Grade 1 Unit	Key Grade K Content that Supports Grade 1	Resources to teach Key Grade K Content at Grade 1
<p>Unit 1 <i>Building Numbers and Solving Story Problems</i></p> <p>Number and Operations: Addition, Subtraction, and the Number System 1</p>	<p>Grade K Unit 6 Investigation 1</p> <p><i>Counting Larger Quantities</i></p> <p>Work with the number line and opportunities for counting up to 20 objects provides a foundation for refining counting strategies and counting up to 30 objects in Grade 1 Unit 1.</p>	<p>Grade K Unit 6 Investigation 1</p> <p>Game</p> <ul style="list-style-type: none"> • <i>Collect 20 Together</i> <p>Math Words and Ideas</p> <ul style="list-style-type: none"> • <i>Counting Jar</i> • <i>Numbers 0 to 30</i>



<p>Grade 1 Unit</p>	<p>Key Grade K Content that Supports Grade 1</p>	<p>Resources to teach Key Grade K Content at Grade 1</p>
<p>Unit 1 Main Math Ideas</p> <ol style="list-style-type: none"> 1. Understanding and extending the counting Sequence 2. Understanding, representing, and solving problems involving addition 3. Understanding, representing, and solving problems involving subtraction 4. Describing, identifying, and comparing attributes of 2-D shapes 	<p>Grade K Unit 8 Investigation 1</p> <p><i>Subtraction and Fluency Within 5</i></p> <p>The work on addition and subtraction, including story problems and a focus on fluency within 5, supports the development of addition and subtraction strategies in Grade 1 Unit 1.</p>	<p>Grade K Unit 8 Investigation 1</p> <p>Classroom Routines</p> <ul style="list-style-type: none"> • <i>Story Problems</i> <p>Games</p> <ul style="list-style-type: none"> • <i>Build and Remove</i> • <i>Race to the Sun</i> • <i>Fill the Treasure Chest</i> <p>Math Words and Ideas</p> <ul style="list-style-type: none"> • <i>Notation for Subtraction</i> • <i>Solving Story Problems</i> • <i>Notation for Addition</i>
	<p>Grade K Unit 8 Investigation 2</p> <p><i>Complements of 10 and the Teen Numbers</i></p> <p>Kindergarten work involving complements of 10 and the teen numbers supports students in representing numbers to 20 in Grade 1 Unit 1, and in beginning to see the teen numbers as one ten and some number of ones (rather than as ten ones and some number of ones).</p>	<p>Grade K Unit 8 Investigation 2</p> <p>Games</p> <ul style="list-style-type: none"> • <i>Build It: Teen Numbers</i> • <i>Race to the Top: Ten Frames</i> • <i>Build It, Then Race to the Top</i> • <i>Race to the Top: Teen Numbers 2</i> <p>Math Words and Ideas</p> <ul style="list-style-type: none"> • <i>Making 10</i> • <i>Teen Numbers</i>

INVESTIGATIONS

IN NUMBER, DATA, AND SPACE®



Grade 1 Unit	Key Grade K Content that Supports Grade 1	Resources to teach Key Grade K Content at Grade 1
<p>Unit 3 <i>How Many of Each? How Many in All?</i></p> <p>Number and Operations: Addition, Subtraction, and the Number System 2</p> <p>Main Math Ideas</p> <ol style="list-style-type: none">1. Understanding, representing, and solving problems involving addition and subtraction2. Understanding equivalence3. Understanding and extending the counting sequence4. Understanding place value	<p>Grade K Unit 6 Investigation 3 <i>How Many of Each?</i></p> <p>The <i>How many of each?</i> problems introduced in Kindergarten, as well as work decomposing numbers in different ways, supports development of similar problems in Grade 1 Unit 3.</p>	<p>Grade K Unit 6 Investigation 3</p> <p>Games</p> <ul style="list-style-type: none">• <i>Toss the Chips</i>• <i>Racing Bears</i>• <i>Total of Six</i> <p>Math Words and Ideas</p> <ul style="list-style-type: none">• <i>A Story Problem About How Many of Each?</i>

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<p>Unit 4 <i>Fish Lengths and Fraction Rugs</i></p> <p>Measurement: Measurement and Fractions</p> <p>Main Math Ideas</p> <ol style="list-style-type: none">1. Understanding length2. Using linear units3. Understanding, representing, and solving problems involving addition and subtraction4. Understanding time5. Understanding halves and fourths	<p>Grade K Unit 6 Investigation 1</p> <p><i>Counting Larger Quantities</i></p> <p>Kindergarten work with length supports length comparison and measuring in a quantitative way, which is further developed in Grade 1 Unit 4.</p>	<p>Grade K Unit 6 Investigation 1</p> <p>Math Words and Ideas</p> <ul style="list-style-type: none">• <i>Shorter Than or Longer Than</i>