

Grade 3 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 2 Units 6, 7, and 8 may not have been covered Spring, 2020. Resources from **six investigations** in Grade 2 are recommended to include in the Grade 3 units below, as needed.



Grade 3 Unit	Key Grade 2 Content that Supports Grade 3	Resources to teach Key Grade 2 Content at Grade 3
<p>Unit 1 <i>Understanding Equal Groups</i></p> <p>Number and Operations: Multiplication and Division 1</p> <p>Main Math Ideas</p> <ol style="list-style-type: none"> Understanding the meaning of multiplication Understanding and working with an array/area model of multiplication Learning the multiplication facts 	<p>Grade 2 Unit 7 Investigation 2 <i>Exploring Equal Groups</i></p> <p>Work with addition of equal groups, as represented using arrays and area models, and creating tables to display multiplicative relationships prepares students to work with similar models to deepen their understanding of multiplication in Grade 3 Unit 1.</p>	<p>Grade 2 Unit 7 Investigation 2</p> <p>Classroom Routines</p> <ul style="list-style-type: none"> <i>Today's Number: What Could It Be?</i> <i>Quick Images: Arrays</i> <p>Math Words and Ideas</p> <ul style="list-style-type: none"> <i>Rectangular Arrays</i> <i>Equal Groups: Cube Buildings</i> <p>Expanded Differentiation Activities</p> <ul style="list-style-type: none"> <i>Intervention, Practice, Extension</i>
	<p>Grade 2 Units 6, 7, and 8</p> <p>Application and practice with place value, addition, and subtraction in Grade 2 Units 6, 7, and 8 support the work of Grade 3 Unit 3. In preparation for this, it is recommended that resources from Units 6 and 7 are included in Grade 3 Unit 1.</p> <p>Games from Grade 2 Units 3 and 5 may also be appropriate for some students.</p>	<p>Grade 2 Unit 6 Investigation 1</p> <p>Classroom Routines</p> <ul style="list-style-type: none"> <i>Today's Number: What Could It Be?</i> <p>Grade 2 Unit 6 Investigation 2</p> <p>Classroom Routines</p> <p><i>Today's Number: Where Is This Number?</i></p> <p>Grade 2 Unit 7 Investigations 1 & 2</p> <p>Classroom Routines</p> <ul style="list-style-type: none"> <i>Today's Number: What Could It Be?</i> <p>Math Words and Ideas</p> <ul style="list-style-type: none"> <i>Learning Addition Facts</i>



Grade 3 Unit	Key Grade 2 Content that Supports Grade 3	Resources to teach Key Grade 2 Content at Grade 3
<p>Unit 2 <i>Graphs and Line Plots</i></p> <p>Data: Modeling with Data</p> <p>Main Math Ideas</p> <p>1 Describing, summarizing, and comparing data</p> <p>2 Representing data</p> <p>3 Generating measurement data</p>	<p>Grade 2 Unit 6 Investigation 2</p> <p><i>Two Measurement Systems</i></p> <p>The introductory work with standard measuring tools, and generating measurement data, is built upon in Grade 3 Unit 2.</p>	<p>Grade 2 Unit 6 Investigation 2</p> <p>Math Words and Ideas</p> <ul style="list-style-type: none"> • Standard Measurement • Measurement Tools: Rulers • Choosing a Measurement Tool • Measuring With Units of Different Lengths • Line Plots <p>Expanded Differentiation Activities</p> <ul style="list-style-type: none"> • <i>Intervention, Practice, Extension</i>
	<p>Grade 2 Units 6, 7, and 8</p> <p>Application and practice with place value, addition and subtraction in Grade 2 Units 6, 7, and 8 support the work of Grade 3 Unit 3. In preparation for this, it is recommended that resources from Unit 8 are included in Grade 3 Unit 2.</p> <p>Games from Grade 2 Units 3 and 5 may also be appropriate for some students.</p>	<p>Grade 2 Unit 8 Investigation 1</p> <p>Classroom Routines</p> <ul style="list-style-type: none"> • <i>Fact Fluency: Cover-Up</i> <p>Math Words and Ideas</p> <ul style="list-style-type: none"> • <i>Story Problems about Comparing: Smaller Unknown</i> • <i>Learning Subtraction Facts</i> <p>Expanded Differentiation Activities</p> <ul style="list-style-type: none"> • <i>Intervention, Practice, Extension</i> <p>Grade 2 Unit 8 Investigation 2</p> <p>Classroom Routines</p> <ul style="list-style-type: none"> • <i>Fact Fluency: Cover-Up</i> <p>Math Words and Ideas</p> <ul style="list-style-type: none"> • <i>Representing Place Value: Hundreds, Tens, and Ones</i>



<p>Grade 3 Unit</p>	<p>Key Grade 2 Content that Supports Grade 3</p>	<p>Resources to teach Key Grade 2 Content at Grade 3</p>
<p>Unit 3 <i>Travel Stories and Collections</i></p> <p>Number and Operations: Addition, Subtraction, and the Number System 1</p> <p>Main Math Ideas</p> <ol style="list-style-type: none"> Using knowledge of place value to add and subtract Adding and subtracting fluently Understanding different types of addition and subtraction problems 	<p>Grade 2 Unit 8 Investigation 1</p> <p><i>Subtraction: Fluency within 100</i></p> <p>Developing efficient strategies for subtracting within 100 is foundational for subtraction involving 3-digit numbers in Grade 3 Unit 3.</p>	<p>Grade 2 Unit 8 Investigation 1</p> <p>Classroom Routines</p> <ul style="list-style-type: none"> <i>Today's Number: More or Less?</i> <p>Games*</p> <ul style="list-style-type: none"> <i>Spend \$1.00</i> <i>Get to 0</i> <p>*(These Grade 2 games can also be added to Math Workshop for Grade 3 Units 1 and 2.)</p> <p>Math Words and Ideas</p> <ul style="list-style-type: none"> Strategies for Subtracting 2-Digit Numbers <p>Expanded Differentiation Activities</p> <ul style="list-style-type: none"> <i>Intervention, Practice</i>