

2020-2021 LEARNING RECOVERY

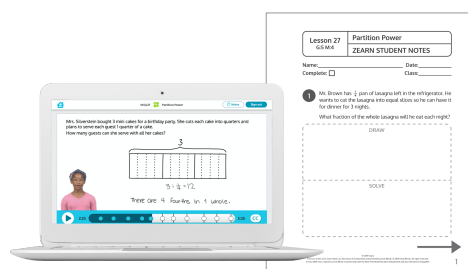
Grade 3 Diagnostic and Scope & Sequence

G2M6	G3M1	G2M7	G2M8	G3M2	G3M3	G3M4	G3M5	G3M6	G3M7
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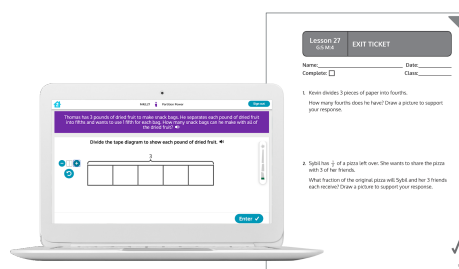
A revised scope and sequence for 3rd grade that integrates critical missed learning from 2nd grade with grade-level work, includes an upfront diagnostic assessment mission, and adheres to the following design principles:

- **Student-first**, re-engage students in a learning community and provide space for teachers to focus on student’s social and emotional well-being.
- **Practical and actionable**, provide teachers with a comprehensive, usable plan that can be adapted to various forms of hybrid-learning.
- **Efficient and coherent**, ensure students continue to understand math concepts in an intuitive and tangible way.

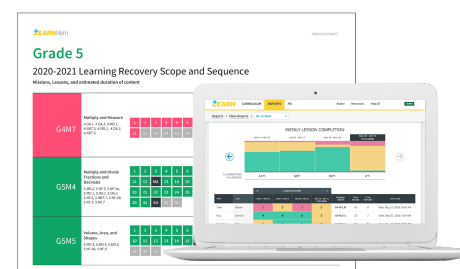
Zearn Math helps teachers and administrators support students with accessing the revised 3rd grade scope and sequence by providing comprehensive materials, guidance and visibility.



Digital Lessons include built-in deep support on concepts from previous topics and grades



Upfront diagnostic assessment mission and ongoing formative assessments



Real-time reports and guidance to precisely track and identify student learning and struggle

Grade 3

2020-2021 Learning Recovery Scope and Sequence

Missions, Lessons, and estimated duration of content

Each Zearn Math digital lesson includes built-in, deep support on concepts from previous topics and grades, which allows for a coherent, manageable and efficient learning experience for all students. Zearn Math digital lessons diagnose unfinished learnings while supporting students to master grade-level content.

Mission Title	Lessons	Assessment	Total Lessons	Instruction Days																				
G2M6 Equal Groups 2.OA.4, 2.NBT.2, 2.NBT.6	<table border="1"> <tr> <td>1</td><td>2</td><td>X</td><td>4</td><td>5</td><td>6</td><td>7</td><td>X</td><td>9</td><td>10</td> </tr> <tr> <td>X</td><td>12</td><td>13</td><td>14</td><td>15</td><td>X</td><td>17</td><td>18</td><td>19</td><td>20</td> </tr> </table>	1	2	X	4	5	6	7	X	9	10	X	12	13	14	15	X	17	18	19	20	—	8	8
	1	2	X	4	5	6	7	X	9	10														
X	12	13	14	15	X	17	18	19	20															
<p>Diagnostic Mission: Based on student performance in the diagnostic mission, teachers can instruct students who need additional support to complete the remaining G2M6 lessons. For further support, teachers can visit our Foundational Lesson Guidance.</p> <p>The work with equal groups outside of numbers 1, 10 and 100 in this mission will serve as an upfront diagnostic assessment to inform teacher-led instruction, support students with accessing the first mission of 3rd grade, and help identify individual students who may need additional support.</p> <p>Curriculum Study PD: Prior to teaching this module, complete the Overview Video and Small Group Lesson Video from G2M6 Curriculum Study Session (~30 minutes)</p>																								

G3M1

Multiply and Divide Friendly Numbers

3.OA.1, 3.OA.3, 3.OA.2,
3.OA.6, 3.OA.4, 3.OA.5,
3.OA.7, 3.OA.8

1	2	3	4	5	6	7	8	9	10
MA	11	12	13	14	15	16	17	18	19
EA	20	21							

2 Assessments

19

21

Students extend their understanding of equal groups to formally begin their study of multiplication and division, beginning with using skip-counting and arrays to using the distributive property.

Curriculum Study PD: Prior to teaching this module, complete the full G3M1 Curriculum Study Session — Overview, Fluency, Word Problem, Small Group Lessons (~60 minutes)

G2M7

Length, Money,
and Data

2.MD.6

Diagnostic Missions: Based on student performance in the diagnostic missions, teachers can instruct students who need additional support to complete the remaining G2M7 and G2M8 lessons. For further support, teachers can visit our [Foundational Lesson Guidance](#).

1	2	X	4	5	6	7	X	9	10	—	1	1
X	12	13	14	15	X	17	X	19	20			
21	X	23	24	25	X							

The length and measurement work of this mission will serve as a second diagnostic unit and equip students with the requisite knowledge needed to access 3rd grade addition and subtraction work.

Curriculum Study PD: Prior to teaching this module, complete the Overview Video and Small Group Lesson Video from G2M7 Curriculum Study Session (~30 minutes)

G2M8

Shapes, Time,
and Fractions

2.MD.7, 2.G.3, 2.NBT.2,
2.NBT.5, 2.NBT.6

1	2	3	X	5	X	7	8	X	10	—	3	3
11	12	13	X	15	16							

The shape and time work of this mission will supplement G2M7 as a diagnostic unit and further equip students with the requisite knowledge needed to access 3rd grade addition and subtraction work.

Curriculum Study PD: Prior to teaching this module, complete the Overview Video and Small Group Lesson Video from G2M8 Curriculum Study Session (~30 minutes)

G3M2

Measure It

3.NBT.2, 3.MD.1, 3.MD.2,
3.NBT.1

1	2	3	4	5	6	7	8	9	10
11	MA	12	13	14	15	16	17	18	19
20	21	EA							

2 Assessments

21

23

Students continue their study of measurement concepts such as time, weight, and liquid volume, and use these contexts to deepen their procedural fluency with addition and subtraction of whole numbers.

Curriculum Study PD: Prior to teaching this module, complete the full G3M2 Curriculum Study Session — Overview, Fluency, Word Problem, Small Group Lessons (~60 minutes)

G3M3

Multiply and Divide Tricky Numbers

3.OA.4, 3.OA.5, 3.OA.7,
3.OA.9, 3.OA.1, 3.OA.2,
3.OA.3, 3.OA.6, 3.OA.8,
3.NBT.3

1	2	3	4	5	6	7	8	9	10
11	MA	12	13	14	15	16	17	18	19
20	21	EA							

2 Assessments

21

23

Students extend their work with multiplication and division to include all factors 0-10 and work deeply with the commutative, distributive and associative properties.

Curriculum Study PD: Prior to teaching this module, complete the full G3M3 Curriculum Study Session — Overview, Fluency, Word Problem, Small Group Lessons (~60 minutes)

G3M4

Find the Area

3.MD.5, 3.MD.6, 3.MD.7,
3.MD.7a, 3.MD.7b,
3.MD.7d, 3.MD.7c

1	2	3	4	5	6	7	8	MA	9
10	11	12	EA	13	14	15	16		

2 Assessments

12

14

Students are exposed to the concept of area and explore how it coherently connects to previous strategies and concepts, such as the operations of multiplication and division.

Curriculum Study PD: Prior to teaching this module, complete the full G3M4 Curriculum Study Session — Overview, Fluency, Word Problem, Small Group Lessons (~60 minutes)

G3M5

Fractions as Numbers

3.G.2, 3.NF.1, 3.NF.3c,
3.NF.3d, 3.NF.3a, 3.NF.3b,
3.NF.2a, 3.NF.2b

1	2	3	4	5	6	7	8	9	10
11	12	13	MA	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
EA	30								

2 Assessments




29

31

Students are introduced to fractions as numbers through the concrete work of partitioning shapes, which helps students see how fractions, like whole numbers, can be composed and decomposed. Students also begin to explore fraction equivalence using visual representations and the number line.

Curriculum Study PD: Prior to teaching this module, complete the full G3M5 Curriculum Study Session — Overview, Fluency, Word Problem, Small Group Lessons (~60 minutes)

<p>G3M6</p> <p>Display Data</p> <p><i>3.MD.3, 3.MD.4</i></p>	<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>EA</td> </tr> </table> <p>Students build deeper understanding of categorical and measurement data, which prepares them to continue their study of data through 5th grade and to be introduced to univariate statistics in 6th grade.</p> <p>Curriculum Study PD: Prior to teaching this module, complete the full G3M6 Curriculum Study Session — Overview, Fluency, Word Problem, Small Group Lessons (~60 minutes)</p>	1	2	3	4	5	6	7	8	9	EA	<p>1 Assessment</p>	<p>9</p>	<p>10</p>																														
1	2	3	4	5	6	7	8	9	EA																																			
<p>G3M7</p> <p>Shapes and Measurement</p> <p><i>3.OA.8, 3.G.1, 3.MD.8, 3.MD.4</i></p>	<table border="1"> <tr> <td>1</td><td>2</td><td>X</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>X</td><td>10</td> </tr> <tr> <td>X</td><td>12</td><td>13</td><td>14</td><td>15</td><td>X</td><td>17</td><td>MA*</td><td>18</td><td>19</td> </tr> <tr> <td>X</td><td>X</td><td>22</td><td>23</td><td>X</td><td>X</td><td>X</td><td>X</td><td>28</td><td>29</td> </tr> <tr> <td>EA</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td> </tr> </table> <p>Students are introduced to the concept of perimeter, which prepares them for the 4th grade work of solving complex problems and formalizing the formulas for finding the area and perimeter of rectangles.</p> <p>Curriculum Study PD: Prior to teaching this module, complete the full G3M7 Curriculum Study Session — Overview, Fluency, Word Problem, Small Group Lessons (~60 minutes)</p>	1	2	X	4	5	6	7	8	X	10	X	12	13	14	15	X	17	MA*	18	19	X	X	22	23	X	X	X	X	28	29	EA	X	X	X	X	X					<p>2 Assessments</p> <p>* Exclude problems 1, 2 from the MA</p>	<p>14</p>	<p>16</p>
1	2	X	4	5	6	7	8	X	10																																			
X	12	13	14	15	X	17	MA*	18	19																																			
X	X	22	23	X	X	X	X	28	29																																			
EA	X	X	X	X	X																																							
<p>Total</p>		<p>13 Assessments</p>	<p>137 Lessons</p>	<p>150 Instruction Days</p>																																								

-  Grade 3 lesson: daily fluency, guided practice and assessment
-  Grade 2 lesson: daily fluency, guided practice and assessment
-  Excluded lessons for the 2020-21 school year (can be completed outside of core math instruction)
- X** Omitted curriculum lesson
- MA** Mid-Mission Assessment (any adjustments needed for the assessments due to excluded lessons are noted in each mission)
- EA** End-of-Mission Assessment (any adjustments needed for the assessments due to excluded lessons are noted in each mission)