



## Accelerate Math Grade 2

The resources linked below are built as proactive support to upcoming classroom content in order to ensure students' readiness for grade level mathematics. Each grade-level document includes correlations to in-class lessons, links to resources including a google slide presentation for each tutoring session, links to [virtual manipulatives](#) and [Desmos](#) activities when available. Sessions were designed for virtual instruction, but teachers should adjust to the mode of delivery, technology, and resources available to them. Elements of the presentation can be written on paper and shown to students through a document camera, imported into other presentation software, or used with students physically present in class.

To prepare for sessions, tutors will:

- Read the "Tutor's preparation slide."
- Study the Google Slides presentation.
- Follow the "Speaker Notes" in the Google Slide Presentation.

Helpful links:

- [Learn Desmos](#)
- [Grade 2 LDOE Tutoring Desmos Collection](#)

Accelerate Math Resources are developing and will be posted through the end of 2021. Please provide suggestions for improvement by filling out the [Accelerate Math feedback](#) form.



Grade 2

Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
<a href="#">Module 4 (Lessons 1-5)</a>	Sums and Differences within 100	2.OA.A.1, 2.NBT.B.5	G1 M6 L5, G1 M6 L11, G1M4 L12,L14, L16, L17, L19 Foundational Standards: 1.NBT.C.4, 1.NBT.C.5, 1.NBT.C.6, 1.OA.1, 2.OA.B.2, 1.OA.B.3, 2.NBT.1	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">100-bead virtual Rekenrek</a></li> <li>• <a href="#">Virtual Unifix Cubes</a></li> <li>• Whiteboard or paper</li> </ul>
<a href="#">Module 4 (Lessons 6-10)</a>	Strategies for Composing a Ten	2.OA.A.1, 2.NBT.B.5, 2.NBT.B.7	G1M4 L26 - 29, G1M6 L16 Foundational Standards: 1.NBT.C.4, 1.OA.B.3, 2.NBT.5	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Unifix Cubes</a></li> <li>• <a href="#">Virtual Base Ten Blocks</a></li> <li>• Whiteboard or paper</li> </ul>
<a href="#">Module 4 (Lessons 11-15)</a>	Strategies for Decomposing a Ten	2.OA.A.1, 2.NBT.B.5, 2.NBT.B.7	G1 M1 L36, L37, L29, L31, L32 Foundational Standards: 1.OA.1, 1.NBT.C4., 1.OA.B.3, 2.NBT.5	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Unifix Cubes</a></li> <li>• Whiteboard or paper</li> </ul>
<a href="#">Module 4 (Lessons 16-19)</a>	Strategies for Composing Tens and Hundreds	2.OA.A.1, 2.NBT.B.7	G1 M6 L15-17, G1 M6 L13 Foundational Standards: 1.NBT.C.4, 1.OA.B.3, 2.NBT.5, 2.NBT.A.1	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Base Ten Blocks</a></li> <li>• <a href="#">Virtual Place Value Disks</a></li> <li>• White board or paper</li> </ul>



Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
<a href="#">Module 4 (Lessons 20-22)</a>	Strategies for Composing and Decomposing Tens and Hundreds	2.NBT.B.6, 2.NBT.B.7	G2 M4 L7, L9, L14-15  Foundational Standards: 1.NBT.C.4, 1.OA.B.3, 2.NBT.5	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Base Ten Blocks</a></li> <li>• <a href="#">Virtual Place Value Disks</a></li> <li>• White board or paper</li> </ul>
<a href="#">Module 4 (Lessons 23-27)</a>	Strategies for Composing and Decomposing Tens and Hundreds	2.OA.1, 2.NBT.7, 2.NBT.9	G2 M4 L15-17, G2 M4 L5, G1 M6 L25-27  Foundational Standards: 1.OA.1, 1.NBT.C.4, 1.OA.B.3, 2.NBT.5	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Base Ten Blocks</a></li> <li>• <a href="#">Virtual Place Value Disks</a></li> <li>• White board or paper</li> </ul>
<a href="#">Module 5 (Lessons 1-4)</a>	Strategies for Adding and Subtracting within 1,000	2.NBT.7, 2.NBT.8, 2.NBT.9	G2 M4 L1-4  Foundational Standards: 1.NBT.C.4, 1.OA.B.3, 2.NBT.5, 2.NBT.A.1	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Place Value Disks</a></li> <li>• White board or paper</li> </ul>
<a href="#">Module 5 (Lessons 5-10)</a>	Strategies for Adding and Subtracting within 1,000  Strategies for Composing Tens and Hundreds within 1,000	2.NBT.7, 2.NBT.9	G2 M4 L23, G2 M4 L9  Foundational Standards: 1.NBT.C.4, 1.OA.B.3, 2.NBT.5	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Base Ten Blocks</a></li> <li>• <a href="#">Virtual Place Value Disks</a></li> <li>• White board or paper</li> </ul>



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<a href="#">Module 5 (Lessons 11-15)</a>	Strategies for Composing Tens and Hundreds within 1,000	2.NBT.7, 2.NBT.9	G2 M4 L24-25, G2 M4 L26  Foundational Standards: 1.NBT.C.4, 1.OA.B.3, 2.NBT.5	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Place Value Disks</a></li> <li>• White board or paper</li> </ul>
<a href="#">Module 5 (Lessons 16-20)</a>	Strategies for Composing Tens and Hundreds within 1,000  Student Explanations for Choice of Solution Methods	2.NBT.7, 2.NBT.8, 2.NBT.9	G2 M4 L27-28, G2 M5 L7  Foundational Standards: 1.NBT.C.4, 1.OA.B.3, 2.NBT.5, 2.NBT.A.1	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Place Value Disks</a></li> <li>• White board or paper</li> </ul>
<a href="#">Module 6 (Lessons 1-4)</a>	Formation of Equal Groups	2.OA.4, 2.NBT.2	G1M1 L1, G1M2 L1  Foundational Standards: 1.OA.D.7, 2.NBT.2, 2.NBT.6	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Place Value Disks</a></li> <li>• White board or paper</li> </ul>
<a href="#">Module 6 (Lessons 5-8)</a>	Arrays and Equal Groups	2.OA.4, 2.NBT.2	G1M6 L4  Foundational Standards: 1.OA.D.7, 2.NBT.2	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual 2 color counters</a></li> <li>• White board or paper</li> </ul>
<a href="#">Module 6 (Lessons 9-12)</a>	Rectangular Arrays as a Foundation for Multiplication and Division	2.OA.4, 2.G.2	G1M1L21, G2M6L3, G1M5 L4  Foundational Standards: 1.OA.D.7, 2.NBT.2	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Place Value Disks</a></li> <li>• White board or paper</li> </ul>



Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
<a href="#">Module 6 (Lessons 13-16)</a>	Rectangular Arrays as a Foundation for Multiplication and Division	2.OA.4, 2.G.2	G1M5 L4, G2M6 L8  Foundational Standards: 1.OA.D.7, 2.NBT.2	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual color tiles</a></li> <li>• <a href="#">Virtual large pattern blocks outline</a></li> <li>• White board or paper</li> </ul>
<a href="#">Module 6 (Lessons 17-20)</a>	The Meaning of Even and Odd Numbers	2.OA.3	G2M3 L2-3  Foundational Standards: 1.OA.D.7, 2.NBT.2	<ul style="list-style-type: none"> <li>• <a href="#">Desmos Activity Session 1</a></li> <li>• <a href="#">Desmos Activity Session 2</a></li> <li>• <a href="#">Virtual Base 10 Blocks</a></li> <li>• White board or paper</li> </ul>

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