



Accelerate Math Grade 3

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](#)

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 3

Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
Module 3 Lessons 1-3	Properties of Multiplication and Division	3.OA.A.3, 3.OA.A.4, 3.OA.B.5, 3.OA.7, 3.OA.9	G3 M1 L1-3 7-10; G2 M6 L17, 18, 19 2.OA.C.4	<ul style="list-style-type: none"> white board or paper color tiles
Module 3 Lessons 4-7	Multiplication and Division using units of 6 and 7	3.OA.A.3, 3.OA.A.4, 3.OA.B.5, 3.OA.A.B.6, 3.OA.A.7	G2 M6 L8-9, G2 M6 L13 and L15 2.OA.C.3, 2.OA.C.4	<ul style="list-style-type: none"> white board or paper color tiles
Module 3 Lessons 8-11	Multiplication and Division using units up to 8	3.OA.A.3, 3.OA.A.4, 3.OA.B.5, 3.OA.D.8	G2 M6 L 10-11 2.OA.C.3, 2.OA.C.4	<ul style="list-style-type: none"> white board or paper color tiles
Module 3 Lessons 12-15	Multiplication and Division using units up to 9	3.OA.A.3, 3.OA.A.4, 3.OA.B.5, 3.OA.C.7, 3.OA.D.8, 3.OA.D.9	G2 M3 L15, G2 M4 L2, G2 M4 L5, 2.OA.A.1, 2.OA.C.3, 2.OA.C.4, 2.NBT.A.2	<ul style="list-style-type: none"> white board or paper



Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
Module 3 Lessons 16-18	Patterns and problem-solving using units of 0 and 1	3.OA.A.3, 3.OA.C.7, 3.OA.D.8, 3.OA.D.9	G1 M2 15; G2 M2 L6 , G2 M4 L31, G2 M6 L18-19; G3 M1 L21; G3 M3 L1, 11, 15 2.OA.A.1, 2.OA.A.3	<ul style="list-style-type: none"> • White board or paper • Unlabeled hundred place value chart • Place value discs
Module 3 Lessons 19-21	Multiplication of single-digit factors and multiples of 10	3.OA.B.5, 3.OA.D.8, 3.OA.D.9	G2 M1 L6, G2 M3 L5 ,L7, G2 M4 L3; G3 M1 L21, G3 M3 L9,11,15, 18 2.OA.A.1,2.OA.C.3, 2.NBT.A.1, 3.NBT.A.3	<ul style="list-style-type: none"> • White board or paper • Unlabeled hundred place value chart • Place value discs • Base ten blocks
Module 4 Lessons 1-4	Measurement and composing arrays	3.MD.C.5 and 3.MD.C.6	G2 M2 L4, G2 M7 L15 and G2 M6 L14 2.MD.A.1 and 2.G.A.2	<ul style="list-style-type: none"> • white board or paper • Session 1 Exit Ticket • Rectangle Template
Module 4 Lessons 5-9	Concepts of Area Measurement	3.MD.5, 3.MD.6, 3.MD.7a, 3.MD.7b, 3.MD.7d	G2 M2 L3-4, 12; G2 M6 L 10-12, 15 2.MD.1, 2.MD.2, 2.MD.3, 2.MD.4, 2.MD.5, 2.MD.6	<ul style="list-style-type: none"> • white board or paper • Session 1 Problem Set • Session 2 Template



Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
Module 4 Lessons 10-16	Connecting arrays to composite shapes and area	3.MD.C.7a, 3.MD.C.7b ,3.MD.C.7c, 3.MD.C.7d	G1 M5 L4, G2 M6 L15 and G2 M6 L10 2.MD.A.1, 2.G.A.2, 1.G.A.2	<ul style="list-style-type: none"> white board or paper Pattern Blocks Colored Tiles
Module 5 Lessons 1-4	Partitioning a Whole into Equal Parts	3.G.2	G2 M8 L7-8 2.G.2 , 2.G.3	<ul style="list-style-type: none"> White board or paper Tangram Pieces Pattern Blocks
Module 5 Lessons 5-9	Unit Fractions and their Relation to the Whole	3.NF.A.1	G2 M8 L 9-10 2.MD.A.2 , 2.G.A.3	<ul style="list-style-type: none"> white board or paper circle Template rectangle and circles template
Module 5 Lessons 10-13	Comparing Unit Fractions and Specifying the Whole	3.NF.A 1, 3.NF.A.3, 3.NF.A.3.d	G2 M7 L18, G2 M8 L12 2.MD.A.2 , 2.MD.B.6, 2.G.A.3	<ul style="list-style-type: none"> white board or paper centimeter ruler items to measure (unsharpened pencil, new crayon, pink eraser) two squares of different colors for each student scissors



Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
Module 5 Lessons 14-19	Fractions on the Number Line	3.NF.A.2, 3.NF.A.2.b, 3.NF.A.3, 3.NF.A.3c, 3.NF.A.3.	G2 M7 L 21, G2 M8 L11 2.G.A.3, 2.MD.B.6	<ul style="list-style-type: none"> • white board or paper • ruler • meter strip template • fraction parts template • scissors
Module 5 Lessons 20-27	Equivalent Fractions	3.NF.A.3, 3.NF.A.3.a, 3.NF.A.3.b, 3.NF.A.3.c	G2 M2 L7, G2 M7 L14 2.MD.B.6, 2.MD.A.2, 2.G.A.3	<ul style="list-style-type: none"> • white board or paper • 30 centimeter ruler • scissors • items to measure (slide 6 & 17) • 1 inch tile
Module 5 Lessons 28-30	Comparison, Order, and Size or Fractions	3.NF.A.2, 3.NF.A.2.a, 3.NF.A.3.b, 3.NF.A.3.d	G2 M3 L16, G2 M7 L22 2.G.A.3, 2MD.A.6, 2.MD.A.2	<ul style="list-style-type: none"> • white board or paper • unlabeled hundreds place value chart • place value discs • number comparison template • number line template

Updated 5/11/2021