



Accelerate Math Grade 6 Eureka

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 6 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 6 - Eureka Math

Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
Module 3 Topic A Lessons 1 - 3	Real-world positive and negative numbers on the number line	6.NS.C.5, 6.NS.C.6a, 6.NS.C.6c	Grade 2 Module 7 - L21 Grade 3 Module 5 - L14, 15, 16, 17 Grade 5 Module 6 - L1 2.MD.B.6, 3.NF.A.2, 5.G.A.1	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper
Module 3 Topic A Lessons 4 - 6	The opposite of a number Rational numbers on number line	6.NS.C.5, 6.NS.C.6a, 6.NS.C.6c	Grade 3 Module 5 - L15, 16, 17 Grade 4 Module 4 - L12 Grade 5 Module 6 - L17 3.NF.A.2, 4.G.A.3, 5.G.A.1	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper
Module 3 Topic B Lessons 7 - 10	Ordering and comparing integers and other rational numbers	6.NS.C.6c, 6.NS.C.7a, 6.NS.C.7b	Grade 3 Module 5 - L10, 11, 17, 18 3.NF.A.2, 3.NF.A.2.b	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper
Module 3 Topic B Lessons 11 - 13	Absolute value and statements of order in the real world	6.NS.C.7a, 6.NS.C.7b, 6.NS.C.7c, 6.NS.C.7d	Grade 4 Module 1 - L8 Grade 5 Module 1 - L6 3.NF.A.2, 3.NF.A.2.b, 5.G.A.1	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper



Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
Module 3 Topic C Lessons 14 - 16	Locating ordered pairs on the coordinate plane	6.NS.C.6b, 6.NS.C.6c,	Grade 5 Module 6 - L2, 3, 4, 5, 6 5.G.A.2	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper
Module 3 Topic C Lessons 17 - 19	Plot points on a coordinate plane to create vertical and horizontal lines	6.NS.C.6b, 6.NS.C.6c, 6.NS.C.8	Grade 5 Module 6 - L5, 6 5.G.A.2	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper
Module 4 Topic A Lesson 1 - 4	Read and create models that show the relationship between addition and subtraction, and multiplication and division	6.EE.A.3	Grade 1 Module 4 - L11, 12 Grade 3 Module 1 - L17 Grade 4 Module 1 - L13 Grade 4 Module 5 - L2, 3 1.OA.B.3, 3.OA.B.5, 5.OA.A.2	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper



Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
Module 4 Topic B and C Lessons 5 - 8	Exponents Order of Operations Variables	6.EE.A.1, 6.EE.A.2c, 6.EE.A.4	Grade 3 Module 3 - L8 Grade 4 Module 3 - L1 Grade 5 Module 1 - L3 Grade 5 Module 5 - L4 1.OA.B.3, 3.OA.B.5, 4.OA.B.4, 5.NBT.A.2, 5.OA.A.2,	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper
Module 4 Topic D Lessons 9 - 12	Draw and interpret tape diagrams Use the distributive property Rename fractions using common factors	6.EE.A.2a, 6.EE.A.2b, 6.EE.A.3, 6.EE.A.4	Grade 1 Module 4 - L22 Grade 2 Module 4 - L5 Grade 3 Module 3 - L6, 7, 10 Grade 4 Module 5 - L10 1.OA.B.3, 3.OA.B.5, 5.OA.A.2, 5.OA.B.3,	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper
Module 4 Topic D and E Lessons 13 - 17	Interpret division as a fraction Write equivalent numerical expressions	6.EE.A.2a, 6.EE.A.2b, 6.EE.A.3, 6.EE.A.4	Grade 5 Module 2 - L3 Grade 5 Module 4 - L2, 3, 32 1.OA.B.3, 3.OA.B.5, 5.OA.A.2, 5.OA.B.3,	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper



Session Accelerates to these Grade-Level Lessons	Topic	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
Module 4 Topic F Lessons 18 - 22	Write expressions to represent addition, subtraction, multiplication, and division story problems.	6.EE.A.2, 6.EE.B.6	Grade 5, Module 6 - L7, 32 Adapted from Grade 6, Module 4 - L18, 19, 20, 21 5.OA.A.2, 5.OA.B.3	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper
Module 4 Topic G Lessons 23-27	Compare values using $<$, $>$, $=$. Draw tape diagrams to represent addition, subtraction, multiplication, and division equations.	6.EE.B.5, 6.EE.B.6, 6.EE.B.7	Grade 4, Module 5 - L12 Grade 5, Module 1 - L13 Grade 5, Module 3 - L13 Grade 5, Module 4 - L22 Adapted from Grade 6, Module 4 - L26, 27 5.NF.A.1, 5.NF.B.4	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper
Module 4 Topic G and H Lessons 28-32	Solve two-step and multi-step problems using tape diagrams Solve problems about angles Complete tables and plot points	6.EE.B.5, 6.EE.B.6, 6.EE.B.7, 6.EE.B.8, 6.EE.B.9	Grade 4, Module 1 - L12, 16, 18 Grade 4, Module 3 - L12,13 Grade 4, Module 4 - L2, 10 Grade 4, Module 7 - L1, 2, 3 Grade 5, Module 6 - L11 5.NF.A.1, 5.NF.B.4, 5.OA.B.3	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper



Session Accelerates to these Grade-Level Lessons	Topic	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
Module 4 Topic H Lessons 33-34 and Module 5 Topic A Lessons 1-2	Find values to make inequalities true Plot points on a number line Find area of rectangles Identify base and height of triangles	6.EE.B.5, 6.EE.B.6, 6.EE.B.8, 6.G.A.1	Adapted from Grade 6, Module 4 - L33, 34 Grade 3, Module 4 - L8 Grade 5, Module 5 - L10, 11 Grade 5, Module 2 - L11 Grade 5, Module 6 - L13 4.MD.A.3, 4.MD.D.8, 5.NF.B.4	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper
Module 5 Topic A Lessons 3-4	Practice finding the area of right triangles Find the area of composite figures and solve problems involving composite figures	6.G.A.1	Adapted from Grade 6, Module 5 - L3 Grade 4, Module 7 - L15 Grade 5, Module 5 - L14 4.MD.A.3, 4.MD.D.8, 5.NF.B.4	<ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper

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