



Accelerate Math Grade 7 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 7 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 7 - Eureka Math

| Session Accelerates to these Grade-Level Lessons | Session Focus Topic: | Connected Grade-Level Standards. | Source Content and Foundational Standards | Resources |
|--|---|----------------------------------|---|--|
| Grade 7 Module 3 Topic A Lessons 1-3 | Writing equivalent expressions | 7.EE.A.1, 7.EE.A.2 | G6 M4 6.EE.A.3, 6.EE.A.4 | <ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper |
| Grade 7 Module 3 Lessons 4-6 | Understanding the opposite of a number and operating with fractions | 7.EE.A.1, 7.EE.A.2 | G7 M2 and G5 M3 6.EE.A.3, 6.EE.A.4, 7.NS.A.1a, 7.NS.A.1b, 5.NF.A.1, 5.NF.A.2 | <ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper |
| Grade 7 Module 3 Lessons 7-11 | Solving equations and finding unknown angles | 7.EE.B.3, 7.EE.B.4a, 7.G.B.5 | G6 M4 and G4 M4 6.EE.B.5, 6.EE.B.6, 6.EE.B.7, 6.EE.B.8, 6.EE.C.9, 6.RP.A.3, 7.NS.A.3, 4.MD.C.7 | <ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • Whiteboard or paper |
| Grade 7 Module 3 Lessons 12-15 | Finding the solution, writing and graphing inequalities | 7.EE.B.4b | G6 M4 6.EE.B.6, 6.EE.B.8 | <ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • White board or paper |
| Grade 7 Module 3 Lessons 16-20 | Calculating the area of a figure | 7.G.B.4, 7.G.B.6 | G6 M5 6.G.A.1, 6.G.A.2, 6.G.A.4 | <ul style="list-style-type: none"> • Desmos Activity Session 1 • Desmos Activity Session 2 • White board or paper |



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| Grade 7 Module 3 Lessons 21-26 | Finding surface area and volume | 7.G.B.6 | G6 M5 6.G.A.4 | <ul style="list-style-type: none"> White board or paper |
| Grade 7 Module 4 Lessons 1-4 | Finding percents of a quantity and solving percent problems | 7.RP.A.2c, 7.RP.A.3 | G6 M1 6.RP.A.3c | <ul style="list-style-type: none"> White board or paper |
| Grade 7 Module 4 Lessons 5-9 | Finding percents of a quantity and solving percent problems | 7.RP.A.2d, 7.RP.A.3 | G6 M1 6.RP.A.2, 6.RP.A.3 | <ul style="list-style-type: none"> White board or paper |
| Grade 7 Module 4 Lessons 12 - 15 | <p>understanding and identifying scale drawings</p> <p>extending this understanding to identify unit rate as a scale factor</p> <p>Use absolute value to determine distance on a coordinate plane</p> | 7.G.A.1, 7.RP.A.2b | G6 M5 & G7 M1 7.G.A.1, 6.G.A.1 | <ul style="list-style-type: none"> White board or paper |



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| Grade 7 Module 4 Lesson 16, Module 5 Lessons 1-3 | Finding percents of a quantity and solving percent problem Analyzing dot plots and statistical questions | 7.SP.C.5 7.SP.C.6 | G7 M4 & G6 M6 7.RP.A.2 7.RP.A.3 6.SP.A.1 | <ul style="list-style-type: none"> • White board or paper |
| Grade 7 Module 5 Lessons 8-12 | Creating using tree diagrams and representing outcomes in a sample space. Calculating probabilities of compound events. | 7.SP.C.6, 7.SP.C.7, 7.SP.C.8 | G7 M5 7.SP.C.8 | <ul style="list-style-type: none"> • White board or paper |
| Grade 7 Module 5 Lessons 13-20 | Summarize data distributions numerically | 7.SP.A.1, 7.SP.A.2 | G6 M6 6.SP.A.2 | <ul style="list-style-type: none"> • White board or paper |
| Grade 7 Module 5 Lessons 21 - 23 | Calculating MAD and mean | 7.SP.B.3, 7.SP.B.4 | G6 M6 6.SP.A.2 | <ul style="list-style-type: none"> • White board or paper |
| Grade 7 Module 6 Lessons 1-4 | Solving for unknown angles | 7.G.B.5 | G4 M4 4.MD.C.7 | <ul style="list-style-type: none"> • White board or paper |



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| Grade 7 Module 6 Lessons 5 - 12 | Using protractors to find angle measurements Using a ruler to measure lengths in cm and inches | 7.G.A.2 | G4 M4 4.MD.C.5, 4.MD.C.6 | <ul style="list-style-type: none">• White board or paper |

Updated 2/23/2021