



Accelerate Math Kindergarten

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.

Note: To best use the presentations with kindergarten students and to respond to their conversations, it will be necessary to use the slide decks in edit mode rather than presentation mode.

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 K

Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards	Foundational Standards	Resources
Module 3 Topic A and B Lessons 1-7	Comparing length and height	K.MD.1, K.MD.2, K.CC.4c, K.CC.5, K.CC.6	PK.CC.5, PK.CC.6, PK.MD.1	<ul style="list-style-type: none"> • Desmos Activity • Virtual Unifix Cubes • Whiteboard or paper
Module 3 Topic C and D Lessons 8-15	Comparing weight and volume	K.MC.1, K.MD.2, K.MD.1, K.MD.2	PK.CC.5, PK.CC.6, PK.MD.1	<ul style="list-style-type: none"> • Virtual Scale • Whiteboard or paper
Module 3 Topic E and F Lessons 16-24	Are there enough? Informal comparison of area. Comparison of sets within 10	K.CC.6, K.CC.7	PK.CC.5, PK.MD.4	<ul style="list-style-type: none"> • Virtual Unifix Cubes • Virtual Ten Frames • Whiteboard or paper
Module 3 Topic G and H Lessons 25-32	Comparison of numerals and Clarification of Measurable attributes	K.CC.6, K.CC.7	PK.CC.5, PK.MD.4	<ul style="list-style-type: none"> • Virtual Unifix Cubes • White board or paper
Module 4 Topic A Lessons 1-6	Composing and decomposing numbers	K.OA.1, K.OA.3, K.OA.5	PK.OA.1, PK.CC.2, PK.CC.3, PK.CC.4	<ul style="list-style-type: none"> • Virtual Unifix Cubes • White board or paper
Module 4 Topic B Lessons 7-12	Decomposing numbers	K.OA.3, K.OA.1, K.OA.2	PK.OA.1, PK.CC.2	<ul style="list-style-type: none"> • Virtual Unifix Cubes • Virtual Ten Frames • White board or paper



Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards	Foundational Standards	Resources
Module 4 topic C and D Lessons 13-24	Composing numbers 7-8 and decomposing below 8	K.OA.3, K.OA.1, K.OA.2, K.OA.4	PK.OA.1, PK.CC.2	<ul style="list-style-type: none"> • Virtual Unifix Cubes • Virtual Ten Frames • White board or paper
Module 4 Topic E and F Lessons 25-32	Decompositions of 9 and 10 in number pairs Addition with totals of 9 and 10	K.OA.2, K.OA.3, K.NBT.1	PK.OA.1, PK.CC.2	<ul style="list-style-type: none"> • Virtual Unifix Cubes • Virtual Ten Frames • White board or paper • two sided counters • document camera
Module 4 Topic G and H Lessons 33-37	Subtraction from 9 and 10 and adding 0 to a number	K.OA.1, K.OA.2, K.OA.3, K.OA.4	PK.OA.1, PK.CC.2	<ul style="list-style-type: none"> • Virtual Unifix Cubes • Virtual Ten Frames • Virtual Dice • White board or paper
Module 4 Topic H Lessons 38-42	Adding 1 to a number and telling how many more to make 10	K.OA.1, K.OA.2, K.OA.4	PK.OA.1, PK.CC.2	<ul style="list-style-type: none"> • Virtual Unifix Cubes • Virtual two-sided counters • White board or paper
Module 5 Topic A Lessons 1-5	Count 10 ones and some ones	K.CC.1, K.NBT.1	PK.M5	<ul style="list-style-type: none"> • White board or paper • Virtual Base ten blocks



Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards	Foundational Standards	Resources
Module 5 Topic B Lessons 6-9	Represent and write teen numbers	K.CC.1, K.NBT.1	PK. M5	<ul style="list-style-type: none"> • White board or paper • Virtual Base ten blocks • Virtual Unifix Cubes
Module 5 Topic C Lessons 10-14	Decompose numbers 11-20	K.CC.4b, K.CC.4c, K.NBT.1	PK.M5	<ul style="list-style-type: none"> • Virtual Unifix Cubes • White board or paper
Module 5 Topic D Lessons 15-19	Extend the say ten and regular counting to 100	K.CC.1, K.CC.2	PK.M5	<ul style="list-style-type: none"> • White board or paper • Virtual Base ten blocks • Virtual 100 Rekenrek
Module 6 Topic A and B Lessons 1-8	Building and drawing flat shapes and solid shapes	K.CC.4d, K.G.5, K.G.6	PK. G.3, PK.G.4	<ul style="list-style-type: none"> • Virtual geo board • Virtual Pattern Blocks • white board or paper

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