



## Accelerate Math

### Purpose

Louisiana believes that all students, including students with disabilities, English learners, and students who persistently struggle, can achieve grade-level standards. To ensure that this vision is realized for all students, the following things have to be true.

1. All students should access on-grade-level instruction every day through a high-quality curriculum in the least restrictive environment.
2. Supports for students should supplement instruction and accelerate student progress by preparing students for new learning.
3. All teachers who support struggling learners, including but not limited to general education, special education, English learners, and intervention teachers, should be trained on the curriculum and should plan in a coordinated way to ensure all students are prepared for grade-level content during core instruction.

Accelerate is an equal-access, just-in-time tutoring model that is focused on identifying, celebrating, and building upon the assets students bring to the learning experience. An acceleration approach addresses unfinished learning in an equitable way. Acceleration means connecting unfinished learning in the context of new learning, integrating new information and the needed prior knowledge.

Acceleration is

- achieved through tutoring, or extra time, that supports students in building the knowledge and skills required to be successful in core instruction within the context of a high-quality curriculum;
- a type of intervention;
- proactive, deliberate action planning; and
- targeted and individualized for students based on their specific needs as gathered from diagnostic and formative data collected as students engage in the work of the curriculum.

Accelerate is dependent on the three core pillars of intentional structures, high-quality materials, and effective instruction.

Accelerate Math Resources are developing and will be posted throughout the 2020-2021 school year. Please provide suggestions for improvement by filling out the [Accelerate Math feedback](#) form.



## Math Resources

The **Accelerate Math** resources are built as proactive support to upcoming classroom content in order to ensure students' readiness for grade level mathematics. Math tutoring resources are designed to provide support on the most essential prerequisite knowledge and skills to support success in next week's upcoming lessons. Materials for each grade-level include Acceleration Tools, correlations to in-class lessons, links to Google slide presentations for each tutoring session, links to [virtual manipulatives](#), and [Desmos](#) activities when available. Sessions were designed for one hour of virtual instruction for two sessions per week, but teachers should adjust to the mode of delivery, time, technology, and resources available. Elements of the Google slide presentations can be delivered as is, written on paper and shown to students through a document camera, imported into other presentation software or platforms, or used with students physically present.

Resources will be updated throughout the 2020-2021 school year.

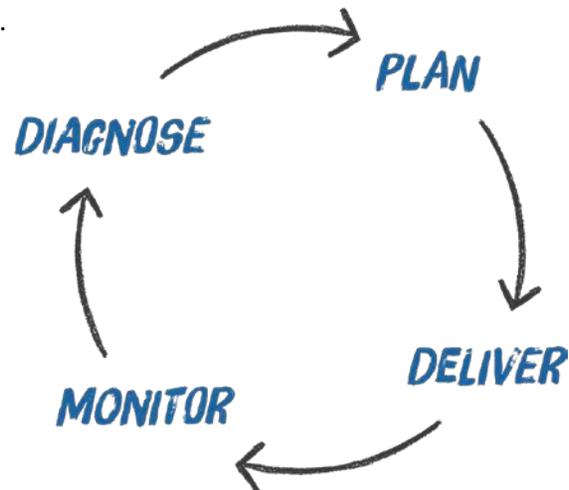
Accelerate Math Resources										
Pre-K Coming Soon	<a href="#">Grade K</a>	<a href="#">Grade 1</a>	<a href="#">Grade 2</a>	<a href="#">Grade 3</a>	<a href="#">Grade 4</a>	<a href="#">Grade 5</a>	<a href="#">Grade 6 Eureka Math</a>	<a href="#">Grade 7 Eureka Math</a>	<a href="#">Grade 8 Eureka Math</a>	<a href="#">Algebra I</a>
							<a href="#">Grade 6 Illustrative Math</a>	<a href="#">Grade 7 Illustrative Math</a>	<a href="#">Grade 8 Illustrative Math</a>	<a href="#">Geometry</a>



## Implementing with other curricula

Teachers and tutors utilizing any high-quality curriculum for core instruction can use the embedded supports found within their materials as well as the [Accelerate Math](#) resources to address unfinished learning. Although the resources provided directly connect to Eureka and Illustrative scope and sequences, the process below outlines how to use the materials in any context.

- Identify the grade level standard of the upcoming grade level lesson set.
- Identify the prerequisite standards students will need to access the grade level work.
- **Diagnose by** searching the Acceleration tools for prerequisite standards diagnostic assessments
- Administer the Acceleration Tool and analyze the data to determine which students need support.
- **Plan by** searching the Accelerate Math Tutoring resources for materials to engage students in the prerequisite work.
- Preview the lessons and make necessary adjustments for curriculum specific strategies or vocabulary.
- **Deliver** the tutoring lessons to students.
- **Monitor** the student as they engage in grade-level work.





## Desmos Teacher Training and Support

Follow the links below to tutorials created by Desmos. For more information visit the [Learn Desmos](#) website.

- [Creating and Managing a Class](#)
- [Getting Started with Activities](#)
- LDOE Tutoring Desmos collections:
  - [Grade 1](#)
  - [Grade 2](#)
  - [Grade 3](#)
  - [Grade 4](#)
  - [Grade 5](#)
  - [Grade 6 Eureka Math](#)
  - [Grade 7 Eureka Math](#)
  - [Grade 8 Eureka Math](#)