

Section f.

A professional learning plan to support the implementation of your curriculum, including the following:

- Support for various stakeholders (School Leaders, Teachers, Math Coaches, District Instructional Staff)
- Support for schools, teachers, and districts preparing to implement for the first time (year 0)
- Support for schools, teachers, districts who have begun implementation (year 1)
- Support for schools, teachers, districts who have 1 or more years of experience (year 2+)
- Be sure to describe the options and recommendations for formats (remote vs. in-person vs. asynchronous, size of groups, grade or course-specific vs. grade banded)
- Description of content of professional learning sessions
- Provide link to your professional learning catalog, if available

Professional Learning Plan

Overview

For more than a decade, Amplify's professional development team has worked side-by-side with educators to drive significant and sustained changes in student achievement and pedagogical effectiveness across multiple schools, districts, and states. Our professional development opportunities are proven to support effective implementation, skill-focused data analysis, and strategic instructional planning to improve outcomes for all students. We partner with educators in their work to gain a deeper understanding of their students, as well as themselves as teachers, by offering PD experiences that promote reflective/critical collaboration and practice, culturally and linguistically responsive pedagogy, social and emotional learning, and inter-school networking. As a result, participants in our sessions leave feeling excited and prepared to implement Amplify curricula.

We are excited to work alongside NYC DOE in order to build a strong foundation in Amplify Desmos Math and deepen educator practice at both the classroom and school level. We understand educators have a limited amount of time and have different preferences for when and how they learn. Given all of this, all of our professional development offerings are designed with the following principles:

- **Scaffolded, phased professional learning:** Our professional development opportunities go far beyond initial product trainings, supporting participants through different stages of learning:
 - *Launch* sessions introduce administrators and teachers to their new program – including the core features and research behind its design – and give teachers opportunity to practice in a collaborative environment.
 - *Strengthen* sessions advance administrators' and teachers' understanding of their program and support them in taking their instructional practice to the next level. They meet educators' needs, deepening content knowledge and planning, instructional, and/or data analysis practices.

- *Coach* sessions incorporate each school's specific needs by offering a menu of popular topics or working with an Amplify coach to customize the time spent together. These sessions provide administrators and teachers with in-the-moment feedback, grade-level workshops, and other support in just-in-time
- **Differentiation by audience**
 - We offer multiple, differentiated professional development options developed for targeted audiences, such as teachers, instructional coaches, and administrators in order to support the evolving needs of educators at all levels.
- **Variety of modalities for maximum reach and efficiency:** We offer a variety of delivery methods including:
 - **Onsite:** synchronous learning experiences are delivered in person (up to 30 participants)
 - **Remote:** synchronous learning experiences are delivered remotely through webinars (up to 30 participants)
 - **Professional Learning Site:** curated resources are housed on a site that can be accessed any time (individual, on-demand)

Typical professional development session lengths are as follows:

- Half-day: 3 hours (e.g. 8:30–11:30 a.m. or 12–3 p.m.)
- Full day: 7 hours (e.g. 8:30 a.m.–3:30 p.m., including one-hour for lunch)

In order to deliver effective training and professional development sessions, Amplify has a cadre of highly experienced and qualified facilitators. We have over 100 full- and part-time professional development facilitators, each an educator with an average of 10 years of classroom and/or administrative experience, established presentation skills, technical competence, client management skills, and specialized professional certifications. Because of their history in schools, districts, and statewide engagements, each trainer understands the day-to-day logistical and instructional challenges facing teachers, principals, and district as well as state leaders when integrating new systems into daily practice.

Suggested PL Support

Below is a suggested plan to support a successful kickoff for Amplify Desmos Math in year 1 as well as differentiated, on-going support across the years of implementation. We look forward to working with NYC DOE to tailor this training plan that meets their needs and welcome the opportunity to further customize our approach as desired. Please note that in order to meet your district's specific needs, Strengthen and Coach session topics and activities will be determined at the point of scheduling.

Year 0/1, Implementation of Amplify Desmos Math			
Session Type	Spring/Summer 2025	Fall 2025	Winter/Spring 2026
Begin	Build Your Knowledge of a problem-based approach all teachers and leaders (90-minutes virtual)	Build Your Knowledge of a problem-based approach NEW teachers and leaders (90-minutes virtual)	
Launch	Initial Training for all teachers and leaders (teachers: 6 hours onsite, leaders: 3 hours onsite or virtual)	Initial Training for NEW teachers and leaders (teachers: 6 hours onsite, leaders: 3 hours onsite or virtual)	<i>Additional launch sessions delivered as needed.</i>
Strengthen		Strengthen Training for teachers and leaders who attended launch in Spring/Summer (3 hours onsite or virtual)	Strengthen Training for teachers and leaders who attended launch in Spring/Summer (3 hours onsite or virtual)
Coach	Coaching support for district-level / school-level leaders or direct to teachers (6 hours onsite or 3 hours virtual)		

Years 2+, Implementation of Amplify Desmos Math			
Session Type	Summer	Fall	Winter/Spring
Begin	Build Your Knowledge of a problem-based approach all teachers and leaders (90-minutes virtual)	Additional sessions delivered as needed.	
Launch	Initial Training for NEW teachers and leaders (teachers: 6 hours onsite, leaders: 3 hours onsite or virtual)	<i>Additional launch sessions delivered as needed.</i>	
Strengthen	Strengthen Training for year 1 teachers and leaders Strengthen Training for year 2+ teachers and leaders (3 hours onsite or virtual)	Strengthen Training for year 1 teachers and leaders Strengthen Training for year 2+ teachers and leaders (3 hours onsite or virtual)	Strengthen Training for year 1 teachers and leaders Strengthen Training for year 2+ teachers and leaders (3 hours onsite or virtual)

Coach	Coaching support for district- or school- level leaders or direct to teachers (6 hours onsite or 3 hours virtual)
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Amplify Desmos Math Training and Coaching Sessions

Below is a description of the professional development offerings for Amplify Desmos Math New York, all of which are flexibly designed to meet the unique needs of teachers and instructional leaders across different stages of learning and are designed to meet your needs from pre-sale (Year 0), through later years in your implementation (through Year 3+). In the first year of implementation we recommend selecting from our “Prepare” and “Begin” professional development offerings. Our “Practice” offerings are suggested for years 2+ and our “Advance” offerings are suggested for years 3+. Each of Amplify’s synchronous PD offerings is intended for up to 30 participants. Please note that in order to meet your district’s specific needs, Strengthen and Coach session topics and activities will be determined at the point of scheduling.

Your PD Learning Journey



Prepare learning experiences

Recommended for pre-implementation or first year of Amplify Desmos Math New York

Name	Duration	Description
Building Your Knowledge of a problem-based approach	Virtual (90 Minutes)	This introductory session provides educators with a foundational overview of what an engaging problem-based approach in math can look like for K-5 students.
Deepen Your Knowledge of a problem based approach	On-site or virtual (3 hours)	This session provides educators with the opportunity to dig into what it means to take a problem-based approach to math, building on their understanding of effective and engaging math instruction to cultivate excitement around learning in K-5 students.



Begin packages overview

Recommended for first year of Amplify Desmos Math New York

Package Name and Duration	On-site (15 hours)	Hybrid 15 (15 hours)	Hybrid 10 (10 hours)	Hybrid 15 (15 hours)	Virtual 7 (7 hours)
Launch (one session per package)	On-site (6 hours)	On-site (6 hours)	On-site (3 hours)	Virtual (6 hours) *2 half days	Virtual (3 hours)
Strengthen (one session per package)	On-site (3 hours)	Virtual (3 hours)	Virtual (1 hour)	Virtual (3 hours)	Virtual (1 hour)
Coach (one session per package)	On-site (6 hours)	On-site (6 hours)	On-site (6 hours)	On-site (6 hours)	Virtual (3 hours)
Suggested Enhancements	Coaching				
	on-site	6 hours		Virtual	3 hours
	Program Overview for Leaders				
	on-site	3 hours		Virtual	3 hours

Begin

Descriptions



About the sessions

Below are descriptions for individual professional development offerings for Amplify Desmos Math New York, all of which are flexibly designed to meet the unique needs of teachers and instructional leaders across different stages of learning. Please note that in order to meet your district's specific needs, Strengthen and Coach session topics and activities will be determined at the point of scheduling.

Launch

Initial Training for Teachers

Initial training sessions are designed for educators who are new users. In our initial training session, educators are oriented to the key components of Amplify Desmos Math New York, including learning how to navigate, teach, and monitor student progress, while exploring content and program resources. Participants will leave the session with foundational knowledge and skills necessary to begin teaching with the program. We offer full day and half day onsite or virtual sessions.

- Full day: 6 hours, onsite or two 3 hours, virtual
- Half day: 3 hours, onsite or virtual

Program Overview for Leaders

The Program overview for leaders supports district and school-level instructional leaders in effectively coordinating the implementation of the program. Leaders will learn the foundational elements of the program, build an understanding of the key teacher and student practices to look for in classrooms, and develop an implementation plan.

- Duration: 3 hours, onsite or virtual

Strengthen

Amplify Strengthen sessions target specific instructional practices for teachers and leaders who are in year one and beyond. When you're ready to schedule your Strengthen session, an Amplify expert will support you in selecting the session that best fits your needs in order to push student results forward. Sessions to select from include:

- **Enhancing planning**
 - Dive into planning upcoming Amplify Desmos Math New York lessons using program resources. Leave with a greater understanding of your unit story and a roadmap of an upcoming lesson to guide student learning, make connections across lessons, and measure student progress towards learning goals.
 - Duration: 3 hours, onsite or virtual
- **Enhancing practice**
 - Learn how to use Amplify Desmos Math New York to create engagement at the start of lessons, sustain learning in the middle, and synthesize student thinking at the end. Leave with a deeper understanding of how tools and facilitation suggestions in both print and digital lessons can create a classroom culture that promotes critical thinking and student discourse.
 - Duration: 3 hours, onsite or virtual
- **Enhancing observations for leaders**
 - Learn to use our non-evaluative classroom look-for tool for Amplify Desmos Math New York to promote the use of instructional resources, focus on instructional delivery, and monitor instruction. Leave with an action plan for collecting and analyzing observation data to support teachers in their implementation of Amplify Desmos Math New York.
 - Duration: 3 hours, onsite or virtual
- **Unit-level planning**
 - Dive into unit planning as you learn the story of how your upcoming unit is tied to other units and grade levels, and discover the big ideas you will explore alongside your students in Amplify Desmos Math New York.
 - Duration, 1 hour, virtual
- **Lesson-level planning**
 - Dive into lesson-level planning as you learn how to create a roadmap for a lesson that guides student learning, makes connections across lessons, and measures student understanding of the learning goals in Amplify Desmos Math New York.
 - Duration, 1 hour, virtual

		<ul style="list-style-type: none"> ● Instructional routines: Number Talks, Notice and Wonder <ul style="list-style-type: none"> ○ Explore how the routines Number Talks and Notice and Wonder in Amplify Desmos Math New York spark conversation and provide opportunities for students to showcase their brilliance. Walk away with strategies for effectively using these Instructional Routines in your next lesson. <ul style="list-style-type: none"> ■ Duration, 1 hour, virtual ● Instructional routines: Building language with routines: Stronger and Clearer, Compare & Connect <ul style="list-style-type: none"> ○ Explore how the routines Stronger & Clearer and Compare & Connect support students as they make sense of new contexts and mathematical problems in Amplify Desmos Math New York. Leave with strategies for using these routines to support students as they simultaneously learn mathematical practices, content, and language in your upcoming lessons. <ul style="list-style-type: none"> ■ Duration, 1 hour, virtual
	Coach	<p>Coaching sessions focus on building internal school and district capacity and leadership excellence. Coaching is customized to meet a school or district’s needs and can include model lessons, observations, walk-throughs, and/or co-planning.</p> <ul style="list-style-type: none"> ● Duration: 6 hours, onsite; 3 hours, virtual



Practice packages

Recommended for those who are familiar with the implementation of Amplify Desmos Math New York.

Within the Practice packages, we recommend three touchpoints to refine instructional skills, expand knowledge of your Amplify program(s), and explore more advanced instructional strategies. More information on these can be found at amplify.com/pd.



Advance offerings

Recommended for those who are experienced with implementing Amplify Desmos Math New York and ready to expand capacity to support long-term change.

We provide ongoing support in year 3 and beyond to deepen understanding of content and pedagogy and build in-house capacity to support a robust, sustainable implementation. More information on these can be found at amplify.com/pd.