

New Workshop for Mathematics Teachers!

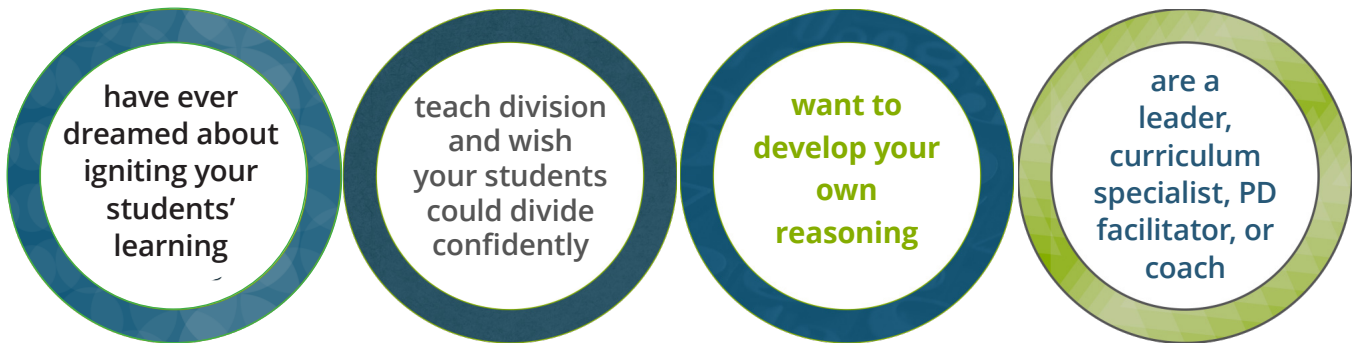
BUILDING POWERFUL DIVISION

If not algorithms, then what?

Frustrated . . .

- **by students** who don't know the facts or don't memorize well?
- **by new strategies and models** you're expected to teach?
- **that your students should be more successful** since you are putting in so much effort?

If you . . .



then this workshop is for you!

No matter what stage you're in—developing your own reasoning and facility with division, learning how to construct division reasoning in your students, or perfecting your craft - you'll leave with action steps you can implement immediately.

The workshop is an asynchronous online experience for grades 3-12 teachers and leaders. The workshop is designed to empower participants to reason through division situations and problems, and help participants understand how to construct reasoning and division strategies with their students. The work consists of presentations, discussions, and tasks that are based on video taken at a live 2-day workshop with grades 3-12 teachers. There are seven modules that take participants on a path from learning about the nature of reasoning, supporting students to build division strategies, to helping students model and engage in all types of division situations. Participants will also study lesson types to construct reasoning and analyze high leverage teacher moves.



More information about Building Powerful Division
<https://www.mathisfigureoutable.com/bpd>

HELPING YOU become the math teacher you want to be

Executive Summary

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Workshop Summary:

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WORKSHOP OUTLINE

- MODULE 1:** What is Mathematizing?
- MODULE 2:** Building the Important Models of Division
- MODULE 3:** Division Strategies
- MODULE 4:** Two Interpretations of Division
- MODULE 5:** Top 3 Types of Tasks for Student Success
- MODULE 6:** Expert Teacher Moves that Help You Help Your Students
- MODULE 7:** Developing Division in Younger Learners / Extending Division in Higher Math

TIME COMMITMENT

Each module consists of 4-8 lessons. It takes between 2-4 hours to complete each module. Participants have 16 weeks to finish the workshop. Each module begins with a welcome video to orient participants to the topic and the time commitment they can expect for each lesson. Along the way, there are incentives (such as resource giveaways) to help participants stay on task and finish the workshop.

PARTICIPANT TASKS

Lessons consist of watching video of the live workshop, working problems, predicting student strategies, comparing strategies, representing student thinking, as well as a Desmos card sort. Participants interact with Pam Harris and other participants on the workshop message boards. Participants submit questions to be answered in a recorded, live Q/A webinar. Each module ends with lessons, tasks, and problems to try in classrooms.

REGISTRATION

\$600 for year long access plus Journey implementation support. Register at URL below.

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