

New Workshop for Mathematics Teachers!

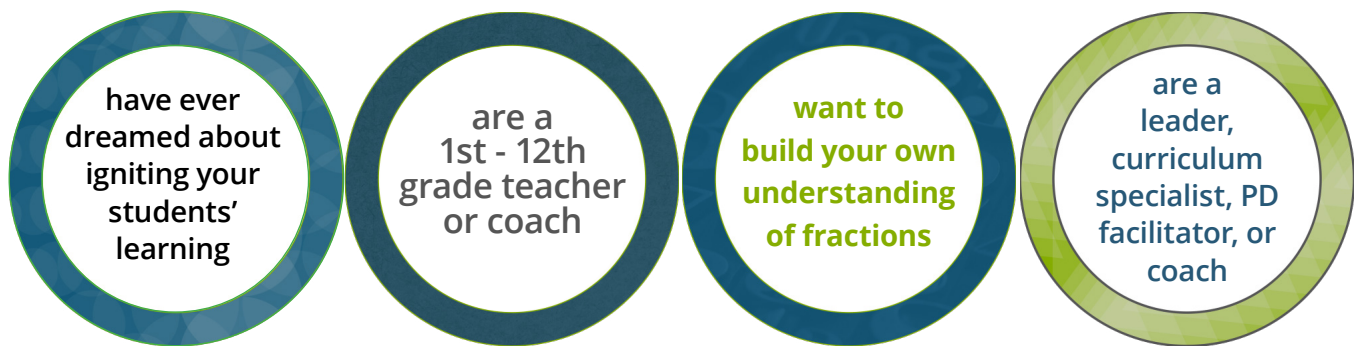
BUILDING POWERFUL FRACTIONS 1

If not algorithms, then what?

Frustrated . . .

- **by students** who don't know or don't memorize fraction step-by-step procedures 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 fractions, learning how to construct reasoning about fractions 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 1-12 teachers and leaders. The workshop is designed to empower participants to reason about fractions and help participants understand how to construct reasoning about fractions 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 K-12 teachers. There are seven modules that take participants on a path from learning about the nature of reasoning, supporting students to build the five meanings of a/b and the big idea of equivalence, to helping students model and engage in all four operations with landmark fractions. Participants will also study lesson types to construct reasoning and analyze high-leverage teacher moves.



More information about Building Powerful Fractions 1
<https://www.mathisfigureoutable.com/bpf1>

Executive Summary

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Workshop Summary:

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WORKSHOP OUTLINE

MODULE 1:	Math is Figureoutable
MODULE 2:	The Multiple Meanings of Fractions
MODULE 3:	The Whole Matters
MODULE 4:	Equipartitioning, Number Lines, and Fractions
MODULE 5:	Comparing and Ordering, Equivalence, Fractions as Quantities
MODULE 6:	Top 3 Types of Tasks for Student Success
MODULE 7:	High-leverage Teacher Moves to Move the Math Forward

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, and representing student thinking. 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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