

New Workshop for Mathematics Teachers!

BUILDING POWERFUL FRACTIONS 2

If not procedures, then what?

Frustrated . . .

- by students who memorize fraction operation rules but never really understand them?
- 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 . . .

have ever dreamed about igniting your students' learning

are a 4th - 12th grade teacher

want to build your own understanding of fraction operations

are a leader, curriculum specialist, PD facilitator, or coach

then this workshop is for you!

No matter what stage you're in, whether you're developing your own reasoning about fraction operations, learning how to build that 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 4-12 teachers and leaders. Building on the foundation of BPF1, this workshop helps participants move away from rules and tricks and into genuine student reasoning about fraction operations. Using Problem Strings, Rich Tasks, and Math Congresses, participants explore how to help students connect what they already know about whole number operations to multiplying, adding, subtracting, and dividing fractions. Participants will also study high-leverage teacher moves that create classrooms where students are engaged, curious, and confident sharing their thinking.



More information about Building Powerful Fractions 2
<https://www.mathisfigureoutable.com/bpf2>

HELPING YOU become the math teacher you want to be

Executive Summary

BUILDING POWERFUL FRACTIONS 2

WORKSHOP SUMMARY

The workshop is an asynchronous, online experience for grades 4-12 teachers and leaders. Building on the foundation established in Building Powerful Fractions 1, including the five meanings of rational numbers, benchmark fractions, and the importance of naming the unit, this workshop dives into fraction operations. Participants explore how to help students reason about multiplying, adding, subtracting, and dividing fractions using contexts, models, and relationships rather than memorized procedures. Through Problem Strings, Rich Tasks, and Math Congresses, participants experience instructional routines that connect students' existing understanding of whole number operations to fractions. Participants will also study high-leverage teacher moves that foster classrooms where students are engaged, curious, and confident.

WORKSHOP OUTLINE

- **MODULE 1:** Math is FigureOutAble
- **MODULE 2:** Multiplication
- **MODULE 3:** More Multiplication
- **MODULE 4:** Addition and Subtraction
- **MODULE 5:** Division
- **MODULE 6:** Types of Tasks for Student Success
- **MODULE 7:** High-leverage Teacher Moves

TIME COMMITMENT

Each module consists of 4-5 lessons and takes between 2-3 hours to complete. 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.

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 the Math is FigureOutAble team and other participants on the workshop message boards. Participants can also submit questions to be answered in 2 recorded, live Q&A webinars. Each module ends with lessons, tasks, and problems to try in your classroom right away.

REGISTRATION

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

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