GRASSROOTS WORKSHOPS

WORKSHOP FACT SHEET



Foundations Of Fractions

by Graham Fletcher

$375.00

(**$450.00** for 12 months access)

View Workshop

Subject: Mathematics

Semesters Offered:

- Spring 2027
- Summer 2027
- Fall 2027

Timing: Self-paced with no set meeting time

PD Hours: 12 Professional Development Hours

Credits: 2-4 Graduate Level PD Credits Available

Topics Covered:

- Fractions
- Meaning of a Fraction
- Equivalence of Fractions
- Adding and Subtracting Fractions
- Multiplication of Fractions
- Division of Fractions
- Ratios and Proportions

One tree will be planted per registration (partnership with One Tree Planted).

About This Workshop

In this 6-week workshop, you'll conceptually explore fractions from 1st grade through 6th grade as you build an understanding around the major concepts we tackle with our students including:

- Meaning of a Fraction
- Equivalence and Comparison of Fractions
- Addition and Subtraction of Fractions
- Multiplication of Fractions
- Division of Fractions
- Ratio and Proportions

Each module will be broken down into 3 main parts:

- **Launch the Concept:** In this part participants will work through a 3-act task. They will anticipate and analyze student work samples through the progression of learning. The analyses of student works will set up the learning that is about to take place in the rest of the module.
- **Connecting & Extending our Thinking:** Participants will engage in meaningful tasks supported by an instructional video that models how I would teach the lesson as they engage as students. Through modeling best practice and connecting it to best practice, teachers will understand how to harness these tasks and activities to move students through the progression of learning as it relates to fractions.
- **Building Fluency:** Once a conceptual understanding is developed it is critical that students build fluency. It is here where participants will engage in meaningful practice that supports the understanding that was constructed earlier in the lessons.

If you have any questions, please email me at graham@gfletchy.com.

About the Instructor



Graham Fletcher

Graham Fletcher has dedicated his career to education, serving in various roles including classroom teacher, math instructional lead, and currently as a math specialist. With a passion for fostering conceptual understanding in elementary mathematics, he continually explores innovative approaches to support both students and teachers. Graham is a coauthor of Building Fact Fluency and openly shares his wealth of resources on his website, gfletchy.com.