GRASSROOTS WORKSHOPS

WORKSHOP FACT SHEET



Foundations Of Numerical Reasoning For Grades K-2

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:

- Number Sense
- Counting
- Base 10
- 3-Act Tasks

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

About This Workshop

In this 6-week workshop, we'll conceptually explore the big ideas around building and extending number knowledge from kindergarten through 2nd grade. We'll unpack the progression of learning as you build an understanding around the major concepts we tackle with our students including:

Module 1: Early Number and Counting

Module 2: Building Fluency through 20

Module 3: Building Fluency through 120

Module 4: Building Fluency through 1000

Module 5: Number and Measurement

Module 6: Number and Statistical Reasoning

Each module will feature 3 main components:

1. Launch the Concept: We'll work through a 3-act task. We'll also anticipate and analyze student work samples within the progression of learning. The analysis of student work will set up the learning that is about to take place.
2. Connecting & Extending our Thinking: We'll engage in meaningful tasks supported by an instructional video that models how I would teach the lesson. Through modeling the task, teachers will understand how to harness these tasks and activities to move students through the progression of learning.
3. Building Fluency: Once a conceptual understanding is developed, it's critical that students build fluency. It is here where we'll engage in meaningful practice that supports the understanding that was constructed earlier in the module.

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.