



FRACTION HERO



VIDEO CONFERENCES

Monroe #1 BOCES is now offering a trilogy of Video Conferences on Fractions for Grade 3. Our programs are carefully aligned with the New York State Common Core Learning Standards. The Grade 3, Module from EngageNY became the backbone of these activities. They were developed with painstaking adherence to these documents.



Session I: Fractions as Sharing

Join Professor Raab for an exciting and colorful introduction to the world of Fractions. Your students will be 100% engaged as they work with hands-on materials to better understand unit fractions as expressions of sharing and division. Our over-the-top Superhero, Fraction Hero, will encourage learning and laughter as he breathes life into the learning of this important content. Must be seen to be believed! This program is derived from Grade 3, Module 5 of the Common, 3.NF.1.

Session II: Fractions on the Number Line

Want your students to fall in love with fractions? The adventure continues as Fraction Hero battles his arch enemy Captain Irrational, to help students learn about representing fractions on number lines. Fraction strips, tiles, discs, and a colorful student workbook all enhance the depth of learning. Filled with fun, humor, and involvement. This program is derived from Grade 3, Module 5 of the Common Core in Math, 3.NF.2.



Session III: Comparing Fractions and Equivalence

Kids and teachers, rejoice! We've cracked the code on how to make learning about Equivalent Fractions and Number Lines fun! Fraction Hero is back for the final confrontation with his evil nemesis, Pizza Pirate! Our high energy conclusion of the trilogy features lots of inquiry based problem solving scenarios for your students. You'll find even your most challenging learners completely engaged as they work to build their own pizzas and number lines along with our instructors. This program is derived from Grade 3, Module 5 of the Common Core in Math, 3.NF.3.

WHY YOU SHOULD PARTICIPATE



COMMON CORE

Our three Fractions programs are intended for Grade 3, and are carefully aligned with the New York State Common Core as detailed by EngageNY. The Grade 3, Module 5 became the backbone of these activities. They were developed with painstaking adherence to these documents.



DOING WHAT WORKS

These programs were inspired by the highly regarded "Doing What Works" program from the US Department of Education. The DWW Practice Guide recommends improving student learning of Fractions by building basic concepts of sharing and proportionality, and using number lines to develop understanding of fractions as numbers.

LEARNING STYLES

The program features a hands-on kit, to be explored in synch with a colorful, and energetic live presentation. Kinesthetic, auditory, and visual learning styles will be challenged in exciting ways.



A CYCLICAL APPROACH

The experience is divided into 3 separate programs. Each event builds upon the previous episode. Stationed throughout the year, they provide benchmark opportunities for introduction, guided practice, and follow-up.

IMAGINATION

Understanding Fractions requires high order thinking skills. Cultivating abstract thinking and nurturing imagination go hand in hand. The Fantasy context of Fraction Hero is perfect for risk-free, fun-filled learning.



ENGAGEMENT

You can expect to see even your most challenging students fully engaged. We've had fantastic feedback from participating teachers.

"I just wanted to thank you for the awesome lesson today. The kids were so engaged! I can't wait to see their homework tomorrow. One of the boys that kept participating is usually so hard to keep focused during my lessons. It was so nice to see him so engaged. Great job!!!"

"Our class LOVED fraction hero! It was exciting and brought fractions to life. The real world applications/connections were great! I hope this is something our school will continue having and that you will continue to offer."

For further information and scheduling, please call or email:

Debra Croce, Scheduling 585-249-7063 - debra_croce@boces.monroe.edu or
Steve Orcutt, Director of Instructional Programs and Services 585-249-7890 -
steve_orcutt@boces.monroe.edu

Visit our Video Conferences page on www.rochesterchallenger.org