



THE UNIVERSITY OF
MISSISSIPPI

Center for Mathematics
& Science Education

EXPLORING MATHEMATICS CONCEPT PROGRESSIONS

a CMSE Professional Learning Series

Effective mathematics teaching requires educators to know and understand how the content, tools, and processes they teach fit within the broader picture of mathematics learning. Participants will gain insight into the development of these topics as they explore the standards across grades, engage in hands-on explorations, and discuss instructional strategies. Come away with a useful tool to help in planning for coherence and meeting the needs of all students.

Sessions include:

- Number Lines
- Word Problems
- Area Models
- Measurement & Data

Audience: K-Algebra I

Credits Available: 0.6 CEUs or 5 SEMIs

Join us



olemiss.edu/cmse



cmsepd@go.olemiss.edu

Understanding
FRACTIONS
INSTITUTE
OLEMISS.EDU / CMSE

Develop
essential understandings

Explore
a variety of representations

Discover
**relationships between
fractions and ratios**

Connect
**operations with fractions to
operations with whole numbers**

Contact us to schedule this professional learning opportunity at your school or visit our website to register for the next session.



OLEMISS.EDU/CMSE
CMSEPD@GO.OLEMISS.EDU
662-915-6621



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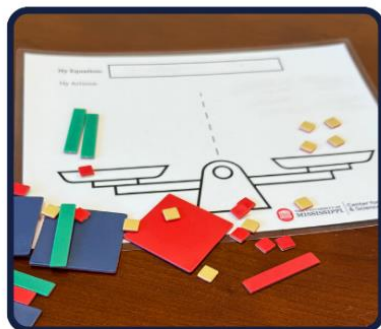
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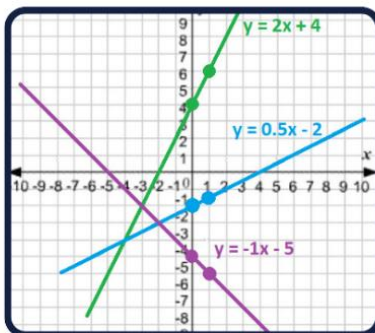


Explore strategies and tools to introduce students to algebraic reasoning and connect to prior learning.

Equations



Functions



Integers



Audience: Grade 6-Algebra I Teachers

Credits Available: 1.2 CEUs, 10 SEMIs, or 1 OSL

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