

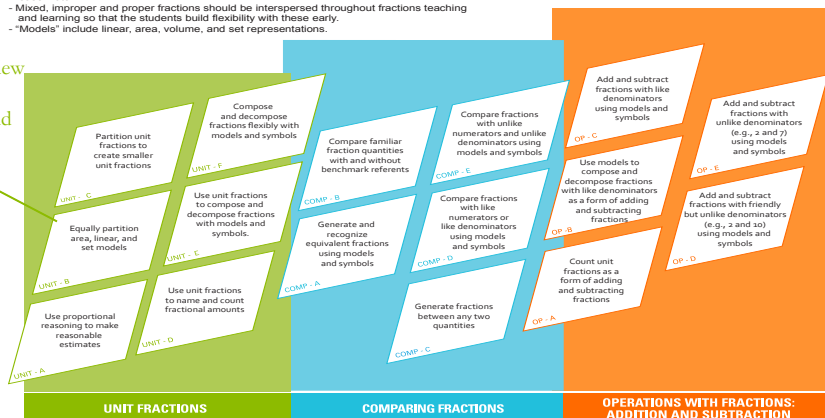
WWW.EDUGAINS.CA - MATHEMATICS - PROFESSIONAL LEARNING

DRAFT v22 Last Revised: Sept 16, 2014

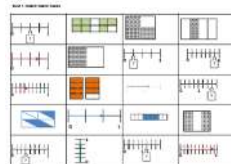
Please Note:

- Mixed, improper and proper fractions should be interspersed throughout fractions teaching and learning so that the students build flexibility with these early.
- "Models" include linear, area, volume, and set representations.

Select a task.



Created by Dr. Cathy Bruce, Tara Flynn and Shelley Yearley.
Fractions Learning Pathways are inspired by Dr. Jere Confrey's work, based on international and Ontario classroom research, and informed by feedback from classroom teachers and student thinking.



Additional materials
added regularly

Coming Soon
Operations with Fractions:
Multiplication and Division

Research Summaries



Blackline Masters

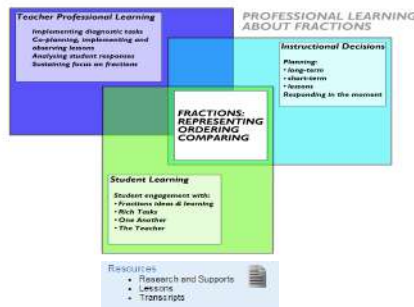
Visuals of Implementation

Student Thinking Unpacked

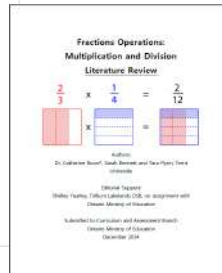
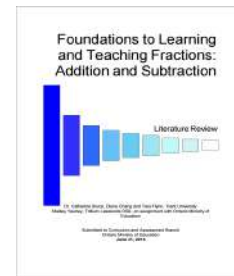
MORE FRACTIONS RESOURCES AVAILABLE



Paying Attention to K-12 Fractions
Deepen your understanding of fractions.
Try some of the tasks with your students.



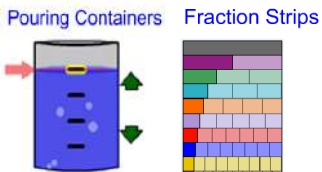
Digital Paper: Professional Learning about Fractions
Visit the resources section for lessons and lesson bundles.
View the videos to understand the journey and the learning.



Literature Reviews
Broaden your understanding of the research.
Learn about international teaching practices.

WWW.EDUGAINS.CA - MATHEMATICS - PROFESSIONAL LEARNING

Learning Tools
for whole class, small group
or individual exploration



WWW.MATHIES.CA



Free resources generated from collaborative action research in Ontario schools.

Research funding and partnerships: Trent University, KNAER,
Ontario Ministry of Education, SSHRC, Ontario School Boards.

Video Studies
for professional learning



WWW.TMERC.CA