

Order of Operations

1. Learn and Practice

http://www.mathgoodies.com/lessons/vol7/order_operations.html

2. More practice with frogs

<http://cemc2.math.uwaterloo.ca/mathfrog/english/kidz/order.shtml>

3. Extra Resources for Learning This Concept:

<http://www.eduplace.com/math/mathsteps/4/a/index.html>

iChat Discussion Prompt: Discuss with your group the importance of order of operations. Also talk about your own strategies that you use to help you to remember the order in which to solve these expressions.

Fractions and Mixed Numbers

1. Find Grammy Challenge

<http://www.visualfractions.com/FindGrammy.html>

2. Identifying Mixed Numbers

<http://www.visualfractions.com/identify.htm>

Extra Practice/Resources for Learning This Concept

3. How to Compare Fractions online mini-lesson

<http://www.visualfractions.com/Investigate/Compare/comparemo.htm>

4. How to Add Fractions

<http://www.visualfractions.com/Investigate/Add/adddemo.htm>

iChat Discussion Prompt: How can you compare and order fractions? How are mixed numbers related to fractions? What strategies do you use to help yourself to compare and order fractions (or to find equivalent fractions)?

Number Patterns

1. Crack the Code Challenge

<http://www.bbc.co.uk/schools/ks2bitesize/maths/activities/numberpatterns.shtml>

iChat Discussion Prompt: How can you find missing terms in patterns? How can you describe and extend patterns? What strategies do you use to help to discover different types of patterns?

Elapsed Time

1. Practice with games in room and direct instruction for those still struggling!

2. What Time Will It Be?

http://nlvm.usu.edu/en/nav/grade_g_2.html

iChat Discussion Prompt: How are seconds, minutes, and hours related? How can you measure elapsed time? What do you have to remember when you are determining elapsed time?

Measurement-

1. Matching Equivalent Customary Measures

http://www.harcourtschool.com/activity/con_math/g04c24.html

2. Animal Weigh In

<http://www.bbc.co.uk/education/mathsfle/shockwave/games/animal.html>

3. Fill and pour (site may or may not work, requires Java)

http://nlvm.usu.edu/en/nav/grade_g_2.html

4. Learn more and test your skills.

<http://www.learner.org/interactives/metric/>

iChat Discussion Prompt: How do you find equivalent measurements? When do you measure capacity? When do you measure length? When do you measure mass? Talk about the units that you use for each form of measurement? Is it important to be exact and precise when you measure? Why or why not?

Graphing Ordered Pairs

1. Planet Hop

<http://www.bbc.co.uk/education/mathsfle/shockwave/games/planethop.html>

2. Can you get the mole before he eats the vegetables?

<http://funbasedlearning.com/algebra/graphing/points2/default.htm>

3. Lunar Adventure-Very Challenging! Are you up for the challenge?

<http://www.learningplanet.com/act/lunar/index.asp>

iChat Discussion Prompt: How can you describe a coordinate plane? How can you describe specific points on a coordinate plane? Discuss strategies that you use when you think about graphing ordered pairs. Where do you always start when you are trying to graph a point? (x-axis, y-axis, origin, x-coordinate, y-coordinate)