



Pre-AP Math - Suggested Enrichment Activities

Note: For any additional information, please email us at centralpeelap@peelsb.com

Part 1 – Grade 6, 7, and 8 Review of Basic Skills

Topic	Recommended Videos	Your turn - Practice
How to get the most out of these videos	http://youtu.be/1A5C1zpv-Bs	After you watch each of the videos we encourage you to improve your understanding of integers and fractions by doing some questions on your own. Please visit the following websites to find lots of opportunities to practise. You may ask yourself how many questions you should be doing. Our advice is simple. Do as many as you need to become “fluent” working with these concepts. These concepts must be extremely well understood in order to build a strong foundation in mathematics .
Adding Integers	http://www.youtube.com/watch?v=OWMUSX40_mU	http://www.math-drills.com/integers.shtml
Subtracting Integers	http://www.youtube.com/watch?v=6q-5EguQ5yA	
The Least Common Multiple	http://www.youtube.com/watch?v=N_TeeaKio5c	
Adding and Subtracting Fractions	http://www.youtube.com/watch?v=52ZIXsFJULI http://www.youtube.com/watch?v=WrvDWD9HvOs	http://www.mathsisfun.com/worksheets/fractions.php
Multiplying Fractions	http://www.youtube.com/watch?v=8NA9QH0-2p4 http://www.youtube.com/watch?v=CTKMK1ZGLuk	
Dividing Fractions	http://www.youtube.com/watch?v=IzlCX9X8Ff0 http://www.youtube.com/watch?v=Oeo9pNR409A	

Part 2 Problem Solving Skills

Go to <http://www.cemc.uwaterloo.ca/resources/potw.php>

This is the site of the University of Waterloo – Problem of the week. Subscribe to the problem of the week to make sure you will receive their weekly problem. Over the summer, solve as many problems as you can from the previous years. Scroll down to the Problem Archive 2012-2013, 2011-2012 and 2010-2011. If you cannot solve the problems, detailed solutions are provided. This is an excellent opportunity to improve your problem solving techniques, as well as you communication. Do NOT miss it!