Intermediate Math Tasks

Week 3	Activity
Monday April 27	Consider these numbers. 27 54 61 423 **Which one doesn't belong? Why?** Hint: There is a rule or reason why each number doesn't belong. Ex: 61 doesn't belong because the sum (adding) of the digits doesn't equal 9.
Tuesday April 28	Go on a scavenger hunt at home. **See how many different 3-D (three-dimensional) shapes you can find**. Look for rectangular prisms, cylinders, cubes, cones, pyramids, and spheres. Google 3-D shapes if you need help identifying them. Send your teacher a picture of all the shapes you find.
Wednesday April 29	**Measure to compare the height of the members of your household using non-standard units of measure.** (eg. LEGO blocks, paper clips, pencils, hockey sticks, spoons.) Be as accurate as you can. For example: "I am 13 ¼ spoons tall which is 1 ½ spoons taller than my brother." If you have a measuring tape at home, compare heights using standard units (cm, m).
Thursday April 30	Build a 3D structure with materials of your choice (toothpicks, and marshmallow, cereal boxes, popsicle sticks, LEGO blocks toilet paper tubes etc). **Sketch side view, top views and bottom view. Send a picture of the views to your teacher.** Now put your building materials away.
Friday May 1	**Draw two rectangles (use a ruler or straight edge) that are not identical, but have the same area** (A=length x width) Show the length and width in your drawings.