

## **Activity - Scavenger Hunt; similar and congruent**

**Objective:** Find real life examples of objects that are similar and congruent.

Use digital cameras and photograph objects around school. If this technology isn't available use magazines or images found on the web and printed.

**Procedure:** Work in a group of 2 or 3.

Find at least one example of each example of each of the following:

- ◇ similar polygons, find examples of as many different types as possible.
- ◇ congruent polygons, find examples of as many different types as possible.
- ◇ parallel lines
- ◇ symmetrical polygons, find an example of vertical and horizontal symmetry and multiple axes of symmetry. Mark all axes of symmetry
- ◇ acute angle
- ◇ obtuse angle
- ◇ right angle

The final pictures are to be displayed for presentation. The final project **must** include definitions of all of the above terms along with examples for each.

Be creative!