



Class 4 mathematics summer vacations homework

- Learning shapes helps the students to differentiate between the objects. In order to memorize how shapes are different from one another, they'll learn to pay attention to the little details that distinguish shapes.
- Explore the properties of polygons, circles, and cylinders and evaluate the properties of space from the perspective of two- and three-dimensional shapes and their relative positions. Learning about the differences between two- and three-dimensional shapes is facilitated by actual observation of their differences in the playground equipment.
- Analyze and compare shapes. Modern playground design offers opportunities for interesting exploration of shapes and their mathematical properties.
- Make a model of a park or playground using geometrical shapes.

Instructions:

1. A map with your playground drawn. It needs to include at least one path, and some locations for playground equipment. It should be coloured appropriately with each colour explained in your key (e.g. red means the area for the swings). Your design needs to incorporate shapes.
2. A photocopy of your original map should also be included in your copy, with all of the geometric properties of the shapes marked in. This includes angles, the length of each side, and congruent and parallel sides marked for every shape.

