

## **Castles of the Middle Ages**

### **Background Statement:**

Students have been studying about the Middle Ages and castle life. They have viewed pictures of a manor and learned about the feudal system.

### **Design Challenge:**

You are a king without a castle. Design and build a freestanding, three-dimensional castle.

### **Criteria:**

The castle must:

- have a perimeter of at least 48 inches.
- have a working drawbridge.
- contain at least two cylinder-shaped towers, both with measurable areas smaller than 125 cm<sup>2</sup>.
- have at least four different polygon or quadrilaterals (in addition to the cylinders).
- display a flag or banner with the name of your castle.
- have at least two windows each with perimeters of less than 30 cm.

### **Materials:**

Cardboard tubes (paper towels, toilet paper, wrapping paper), plastic wrap, aluminum foil, construction paper, string, yarn, popsicle sticks, buttons, Velcro, paper clips, brads, feathers, wheels, glue, tape

### **Tools:**

Ruler, colored pencils, markers, crayons, pencils, scissors, stapler