

₹<u>1</u>-2

 $Q_{\infty}$ 

A Stevens Creek Elementary School Makerspace Program

# Paper Plate Obstacle Course

**Objective:** Create a pompom (or marble) obstacle course on a paper plate.

# **Materials**

- paper plates (1 per maker)
- Dependence of the period of th
- D pipe cleaners (approx. 2 per maker)
- monster templates (each template = 4 makers)
- tape
- □ grown-up scissors

(to cut pipe cleaners)

kid scissors (from the classroom; to cut monster templates)

### **Instructions**

Grown-ups

- 1. Use scissors to cut 12-inch pipe cleaners in half (use purple, orange, or black colors)
- 2. Give to students: 1 paper plate, 1 pompom (or marble), and 3 pipe cleaner halves.

### Makers/Students

Part 1: Monster cutouts

- 1. Pick two monsters from the template.
- 2. Cut on the dotted lines.
- 3. Fold on the solid lines.
- 4. Connect A to B (no overlapping) and form a triangle. Tape where A meets B.



Part 2: Building the obstacle course

- 1. Tape both ends of each pipe cleaner to the plate. Make sure that the pompom or marble can fit under the arch.
- 2. Tape the bottom part of the monster triangle to the plate.

# **Challenge Game**

- 1. Roll the pompom (or marble) from one arch to another <u>without</u> hitting the monsters.
- 2. In 30 seconds, count points:
  - +1 point = under the arch
  - -1 point = touch the monster

OR Make Your Own Game Rules!

