

Structures Group Activity

Week 1: Structures Activities Assigned/Planning Time

- Groups are assigned one of the Structures activities for next week's class. **Decide who will bring each of the materials to next week's class.** Estimate the amount of materials you think will be needed for groups to rotate through your station.
- **Share your contact information with everyone in your group. Attendance is very important.** If you are not going to be able to make it to class, you will need to let someone in your group know as soon as possible and make arrangements so that your group is still able to provide all the necessary materials.

Week 2: In-Class Structures Activities (not graded)

- First, your group will do your assigned Structures activity using the materials you brought to class. Then, each group will introduce their activity to the rest of the class. Groups will then rotate through all the stations to gain first hand experience with each of the activities and to share thoughts on using these activities with children.

My group's structure: _____

Materials I need to bring: _____

My group's contact information:

-
-
-
-
-
-

1. Paper Cup Structures

Build a tower or wall with paper cups.

Materials:

- Paper or plastic cups, any size, but all the same size

Provide at least 20 cups for each person to use when at this station.

Cups will be re-used each time a new group rotates through.



2. Playdough and Craft Sticks

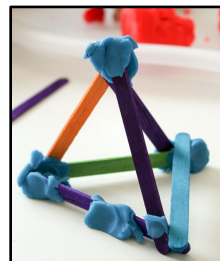
What 2D and 3D shapes can you build with these materials?

Materials

- Playdough (homemade or store bought)
- Craft sticks, plain or colored

Provide enough for a small group of students to use when at this station.

Materials can be reused each time a new group rotates through.



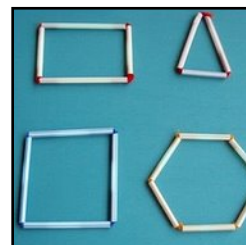
3. Straws and Chenille Stems

Push chenille stems through the straws and to construct 2D or 3D shapes.

Materials:

- Straws
- Chenille stems
- Scissors

Provide about 20 chenille stems and 20 straws for each person to use when at this station. Materials can be re-used each time a new group rotates through.



4. Index Card Towers

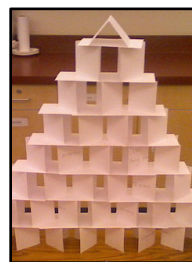
Build a tower with index cards. Fold some in half and leave others flat. How high can you build before your structure collapses?

Materials

- 5"x7" index cards, any colors

Provide about 20 index cards for each person to use when at this station.

Cards can be re-used each time a new group rotates through.



5. Paper Strip Sculptures

Fold paper strips to create different shapes. Use glue to hold your sculpture together.

Materials:

- 1 piece of cardstock or construction paper 9" x 11" for each student in the class to use as a base
- Construction paper cut into 1" x 11" strips in a variety of colors, enough for each student to make a sculpture
- Liquid glue and/or glue sticks
- A few pairs of scissors

Materials are glued down, so they cannot be re-used. Supply enough for each person in the class to make their own sculpture.

