

FamEd Activity #3 (Part 1 of 2)

Styrofoam Building Blocks for Bridges

Kids love creating and playing with the different shapes in this set of building blocks. In this activity kids can make their own building blocks (or they can be made for younger children) to construct a bridge.



Finally, an activity that uses all those meat trays you've been saving!

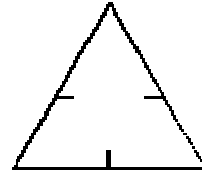
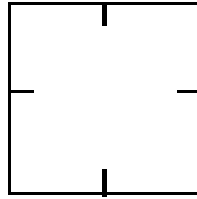
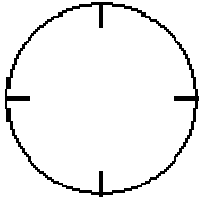
Materials:

- Styrofoam (meat trays)
- Cardboard or heavy paper
- Pen
- Scissors
- drinking glass or jar lid
- ruler

Procedure:

1. Make a pattern for each of the three types of building blocks using the cardboard. Have the children trace around the drinking glass or jar lid to draw a circle on the cardboard. With the ruler, measure the width of the circle. Use the circle width as the length for the square and triangle building blocks.

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2. Cut out each of the patterns, and trace them onto the Styrofoam. Depending on the size of your Styrofoam, it should be possible to get 4 or more blocks out of each tray.
3. Have the children cut out the blocks. Make a slot on each side of the block (and 4 on the circle). The slot should be just a bit wider than the thickness of your Styrofoam and about 1/4 inch or 1 cm long.
4. You will need at least 15 blocks to make some interesting structures. This kids activity can keep the children busy building bridges and other structures for hours.

Activity adapted from www.creativekidsathome.com