Doodle Lou's

Ice Cube Sledding

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Adult help needed to construct the slides and demonstrate how to use them.

You will need:

Three- 6" x 4.5" rectangles of corrugated cardboard
One 12" x 18" piece of craft foam
A pencil
A utility knife
A ruler
Hot Glue gun and hot glue sticks
Three boxes (each a different size) from the pantry
Cellophane packing tape
Ice cubes

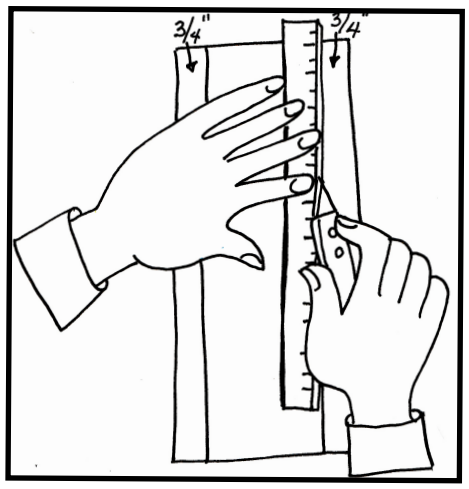

Illustration 1. Scoring the back side of each slide

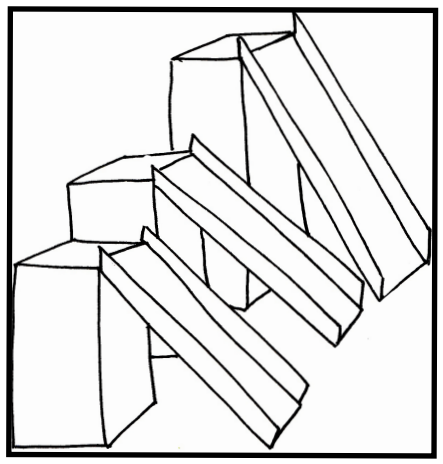

Illustration 2. Vary the height of each slide by choosing boxes of different heights.

Directions:

1. On the back side of each rectangle of corrugated cardboard, measure 3/4" from each long edge and draw a line down both edges of each cardboard.
2. Using a ruler and a utility knife, score this line by cutting through just the top layer on each line. (*See Illustration 1.*)
3. Fold these 3/4" edges up to form a barrier for each slide.
4. Cut three 16" x 3" rectangles from the craft foam.
5. Hot glue the craft foam rectangles to the floor of the slides, fitting them between the folded up edges.
6. Gather three boxes from the pantry, each a different height.
7. Attach the slides to the top edge of each box using cellophane packing tape. (*See Illustration 2.*)
8. Demonstrate to your child how to position the ice cubes at the apex of each slide.
9. Have your child practice letting go of the ice cubes on the count of three.
10. Repeat racing the cubes down the slides. Watch to see which slide makes the ice cube slide down faster.

Variation:

1. Remove two of the slides and reattach them to two boxes of identical height.
2. Make new (16" x 3") cardboard slide liners: Try wrapping the liners with sandpaper, waxed paper, paper towel, bubble wrap, or aluminum foil.
3. Make a roll of cellophane packing tape and stick to the back side of the new slides. Stick them to the foam liner.
4. How does the addition of different textures effect the speed of the ice cubes? (*See photo.*)

Variation: The boys are trying slides of the same height using sandpaper and waxed paper.