

## Incredible Iceboats

In this miniature boat activity, make incredible iceboats, and see how long your boat can last.

### What You'll Need:

- Pint juice carton
- Water
- Measuring cups
- Food coloring
- Duct tape
- Craft knife (adult use only)
- 12-inch wooden dowel
- Colored cellophane
- Scissors
- Ruler
- Tape
- Large tub



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### Incredible Iceboats miniature boat activity

### How to Make Incredible Iceboats:

**Step 1:** Fill the carton with 1-1/2 cups of water, and add several drops of food coloring. Seal the top of the carton with duct tape, and shake it gently.

**Step 2:** Lay the sealed carton on its side, and use a craft knife to cut a small X through the center of the side facing up. Push the dowel through the opening, and set the carton in the freezer overnight.

**Step 3:** Cut out a cellophane sail that is 8 inches high, 7 inches across the base, and 11 inches along the diagonal.

**Step 4:** When the water is completely frozen, cut away the carton from the ice. Fold the 8-inch side of the sail around the dowel, and tape it in place.

**Step 5:** Fill a large tub with water, and let the boat begin to float!

This activity is from *Miniature Boat Crafts and Activities* by the Editors of Publications International, Ltd. and is related to the Sailboat Races at the Newton's Corner exhibit at the Mid-America Science Museum.

<http://home.howstuffworks.com/miniature-boat-crafts-and-activities1.htm>