



## Little Boats

Make your own little boat to test how it floats down a stream, around a lake, or in your bathtub.

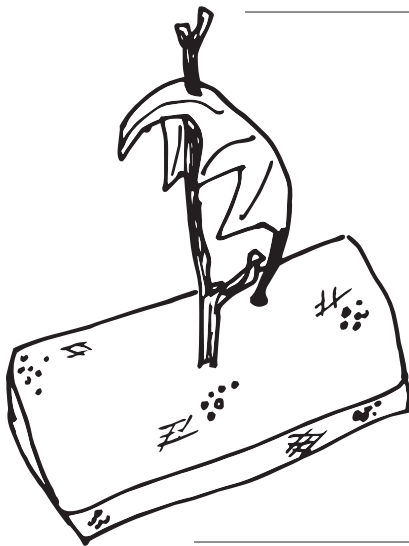
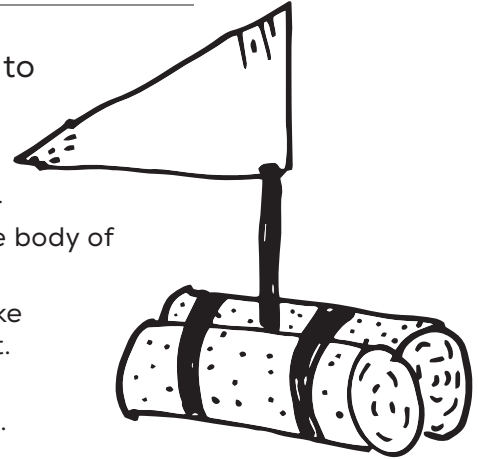
### 1. Cork Boat: What spare parts are around your home to build a boat with?

#### Materials:

- ▶ Corks
- ▶ Styrofoam
- ▶ Toothpicks
- ▶ Wooden skewers
- ▶ Plastic bag
- ▶ Tape
- ▶ Rubber bands

#### Instructions:

- ▶ Use the rubber bands to connect corks or pieces of Styrofoam together to make the body of the boat.
- ▶ Use toothpicks or wooden skewers to make masts by pushing the points into the boat.
- ▶ Cut out shapes from the plastic bag to make sails, attach with tape to the masts.



### 2. Ice Boat: Start this boat the day before.

#### Materials:

- ▶ Plastic container
- ▶ Water
- ▶ Stick
- ▶ Big leaf

#### Instructions:

- ▶ Fill plastic container with one inch of water and freeze for two hours until the top is solid, but the inside is still liquid.
- ▶ Poke a small hole in the middle of the ice and add the stick for a mast.
- ▶ Freeze again until completely solid.
- ▶ Run warm water over the bottom of the plastic container to release the ice boat.
- ▶ Poke holes in the leaf and thread it over the stick to make a sail.

### 3. Nature Boat: Create your own boat to release into the wild.

#### Materials:

- ▶ Pieces of wood
- ▶ Pieces of bark
- ▶ Grass
- ▶ Sticks
- ▶ Leaves

#### Instructions:

- ▶ Make a base for your boat from multiple pieces of wood or bark.
- ▶ Tie the pieces together with grass.
- ▶ Slide sticks between the wood or bark to make a mast.
- ▶ Use grass to fill in any gaps and tie down the mast if needed.
- ▶ Poke holes in the leaves and thread them over the masts to make multiple sails.

