



Land Ahoy!

In this activity, boats aren't just for water! Use your creativity to build a land boat that sails across different surfaces.

Materials Needed

- Tape
- Scissors
- Scrap Paper
- Straws, popsicle sticks, twigs, cardboard, etc
- Other items like string or wood you might want to incorporate in your boat.

Building Your Boat

- Using basic household items, design land boats that you can sail across a table, floor, or other smooth surface.
- Have an adult help you gather materials that are ok to use in designing your boat. Use your imagination!
- Think about the boat's body shape. Will it have sails? If so, how many? What materials will help it sail smoothly? How will they keep it from tipping over?
- Designate an area with a smooth surface as the "pond" and race your land boats across the pond!
- After testing your boats, make changes based on your discoveries and then retest them.
- Think creatively and critically about what is working well, what needs problem solving and what other imaginative ideas you have for making changes.
- To keep the fun going, select a new "pond," changing the surface material the boats must sail on. Consider any readily available surface: table tops, tile flooring, carpeting, tin foil, plastic or even grass!
- Take it to the next level by designing a boat that can actually float! Use a bucket, bathtub, or wading pool to test it out. Keep in mind that boats you're going to expose to water need to be made of water-proof materials.

