

Name(s): _____

GOAL: To make a boat that floats and can be moved with a magnet.

MATERIALS:

- | | |
|------------------------------------------|---------------------------------------|
| <input type="checkbox"/> Foam | <input type="checkbox"/> Foil |
| <input type="checkbox"/> Popsicle sticks | <input type="checkbox"/> Paper clips |
| <input type="checkbox"/> Tape | <input type="checkbox"/> Straws |
| <input type="checkbox"/> Glue | <input type="checkbox"/> Paper |
| <input type="checkbox"/> String | <input type="checkbox"/> Other: _____ |

PLAN:

Draw the design for your boat below:

BUILD:

My Boat is 20 cm long and 10 cm wide

PREDICT:

Do you think your boat will float? Yes / No

Do you think that your boat will be moved using a magnet? Yes / No

OBSERVE:

What happened? Did your boat float? Was your boat able to be moved using a magnet?

CONCLUSIONS:

What forces were used for this activity?

Were the forces for this activity an example of a contact force or a no contact force?
