FLOAT THE BOAT

MATERIALS

You can use any materials you find in your Maker Space.

REQURIED MATERIALS

- Cardboard
- Various types, sizes
- Duck Tape
- Tub (larger the better to test boat)
- Clipboard
- Pencil
- Plastic mini figures or student can create one with materials in Maker Space.

IMAGINE

Creating a boat that will float in a small tub of water using materials that are denser then water.

CREATE

A prototype of a boat that will float with a mini figure inside. Don't forget to name your boat.

PLAY

Test your boat. Does it stay afloat? Did it stay afloat for at least 5 minutes? If not how long? Did it have trouble staying afloat?

SHARE

Share your prototype with your teacher and classmates.

REFLECT

Think about your prototype. Did it do what you hoped it would? What did you like about it? What could you change to improve it?

IMAGINE

Now that you have reflected on your first prototype imagine what you might change to improve your prototype. Or a new design. Or imagine something else…