

Floating Boats Challenge



You will need:

a large plastic box filled with water

paper

sticky tape

scissors

sticky tack

cardboard

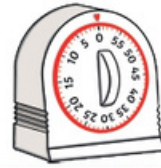
egg boxes

small cardboard boxes

tinfoil

marbles

stopwatch/timer



Set Up:

Lay the equipment out on a table and fill a large plastic box with water.

Challenge:

Using the materials provided, can you make a boat that floats?

Make four boats out of different materials. You will have 15 minutes to create each boat.

Time's Up:

Float each boat in the plastic box filled with water. See how many marbles the boat will hold before it sinks.

The boat which holds the most marbles before it sinks is the winner!

Questions:

Which boat stayed afloat for the longest amount of time?

Why were some boats able to float for longer than others?

Which materials did you use for each boat?

