The Challenge

Redesign your boat build to race across a body of water the fastest.

Rules & limits for your design:

1. The boat must be powered by a motor or the wind during the race.
   - The boat must not be pushed or pulled by your hand.
2. The boat must remain right-side-up when crossing the finish line.
3. Additional materials may be brought in for boat designs, if they are:
   - TeacherGeek components
   - Found & Recycling Bin materials
   - Teacher Approved, Non-Hazardous

You will have _____________ to complete this design challenge.

Fill in how much time you have

The time from building and re-designing your boat to the start of the competition.
**Speed Boat Regatta**

Enter your boats in a regatta (boat race), competing for speed, with a stopwatch. The first boat to cross the finish line, wins.

**What materials can you add or create to make your boat faster, or sail in a straight line?**

If the boat moves too far off course (out-of-bounds), you’re out!

Use sticks, poles, string or fishing wire to mark the finish line of the regatta course.

**Carry That Weight**

Design a boat that can carry the most weight from one point to another. Use objects of **consistent** (regular) weight such as **golf balls** or bean bags.

Race **three times** – adding more weight each trial. If the boat takes on water or sinks, you’re out!

[Images of golf balls and bean bags]