



# INVENT THE SUMMER

## Week 8: Build a Boat



### Your Objective:

Build a boat that floats and can carry cargo without sinking. How much cargo can you carry?

#### You CAN:

- ☀ Build any kind of raft or boat you want, any size you want.
- ☀ Use any body of water that makes testing your boat fun and easy: pool, lake, plastic container, sink or tub.
- ☀ Use common household materials to build your boat. Examples include: aluminum foil, straws, popsicle sticks, rubber bands, tape string, twigs and anything you think will float.

#### You CAN'T:

- ☀ Use an item for the main body of your boat without somehow changing it first. No bowls, Tupperware, toy boats or anything pre-made that resembles the shape of a boat and already floats.

Once you build a boat that floats, see how much cargo it can carry. Pennies and other coins make excellent cargo.

### How to avoid angry parents:

#### DO:

- ☀ Keep the water where it belongs.
- ☀ Dry up any splashes.
- ☀ Remove your boat and cargo from the water when you're done - even if it sank.

#### DON'T:

- ☀ Get water everywhere.
- ☀ Use cargo that can't get wet.
- ☀ Take pennies or other coins from someone without asking first.



## Take a video of your boat.

Create a video of your solution. Try to keep your video under 1-minute long and include the following:

- The name of your solution.
- How does it work?
- What kind of materials did you use?
- Did you have any problems figuring out the solution?
- What was the biggest lesson you learned?

Remember, your video will be visible to anyone with an internet connection, so it's important to protect your privacy and stay safe. [Click here](#) to see our video submission and safety tips.



## Ask a parent to enter your video into our contest by 11:59pm EST on Sunday August 4, 2019.

To enter our contest, you must upload your video to [YouTube](#) or [Vimeo](#). Then use our [online entry form](#) to send us the link. All entries must be completed by a parent or legal guardian.

*\*All submitted videos will be reviewed prior to publishing online to ensure that the rules of the contest were followed and that the content is appropriate for all ages.*

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## Voting

Voting will open at 12:01am EST on August 5 and close at 11:59pm EST on August 6. See our [voting rules](#) for more information.

## 3 Winners to be announced August 7, 2019!

**1 Popular Choice Winner:** Receives an *Invent the Summer* t-shirt.

**1 Editor's Pick:** Selected by the *Invent the Summer* team. Challenge solutions will be judged on originality, execution and presentation. The winner will receive an *Invent the Summer* t-shirt.

**1 Random Choice Winner:** One person from our mailing list will be selected at random to receive an *Invent the Summer* drawstring bag.