

Build a Submarine

Challenge

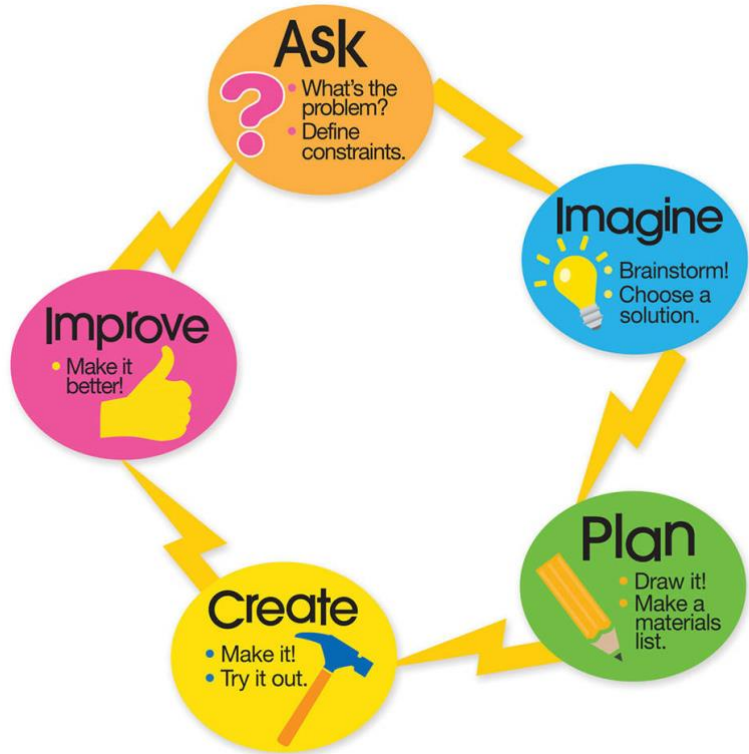
Your challenge is to build a submarine from a pop-bottle that can float and sink by changing its density. You can use any of the material available to build your submarine and how you build it is up to you. There are lots of different ways that you can make this work. Use the engineering design process to help guide building your submarine.

Step 1: Ask

What is this challenge?

Step 2: Brainstorm

Write out some ideas for your submarine

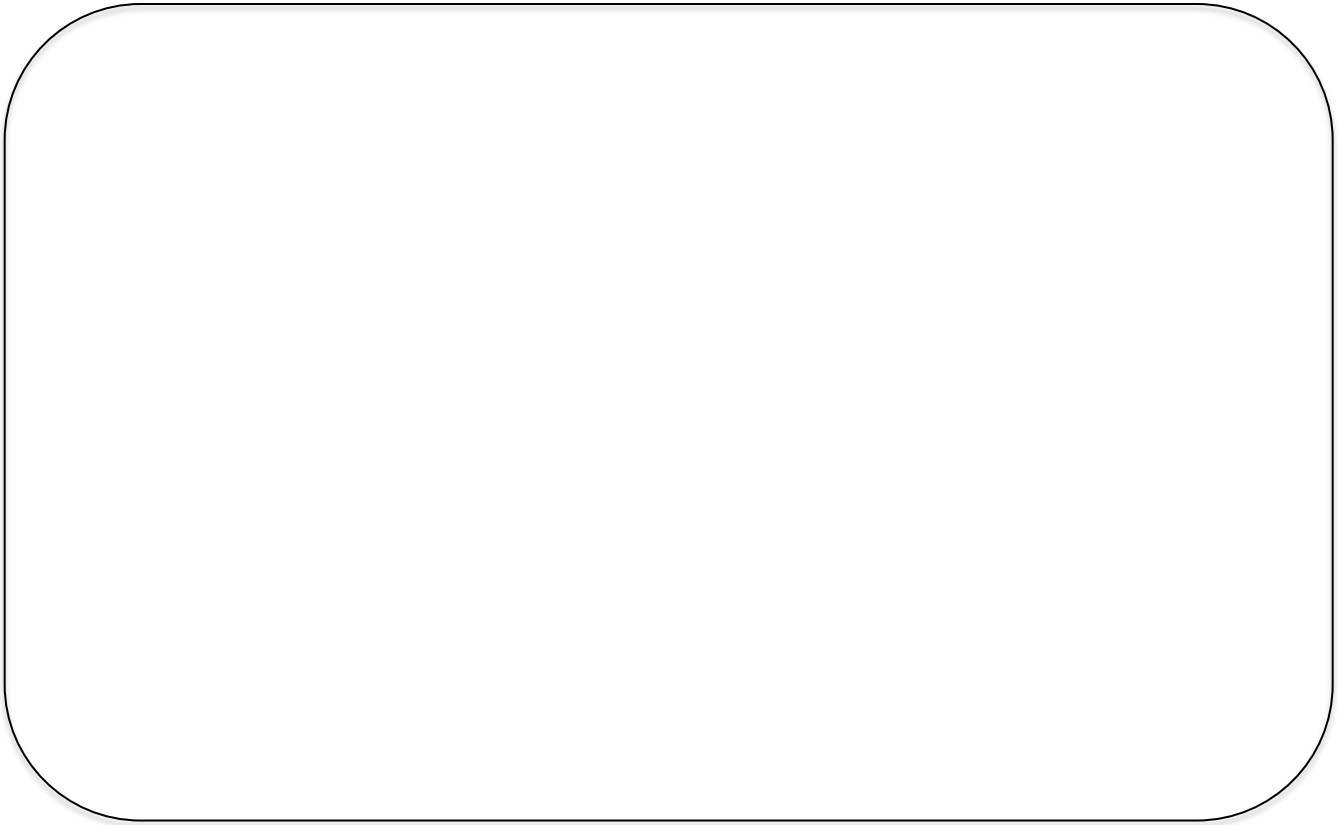


Step 3A: Plan

Write a list of the materials you will need

Step 3B: Plan

Draw what your submarine will look like.

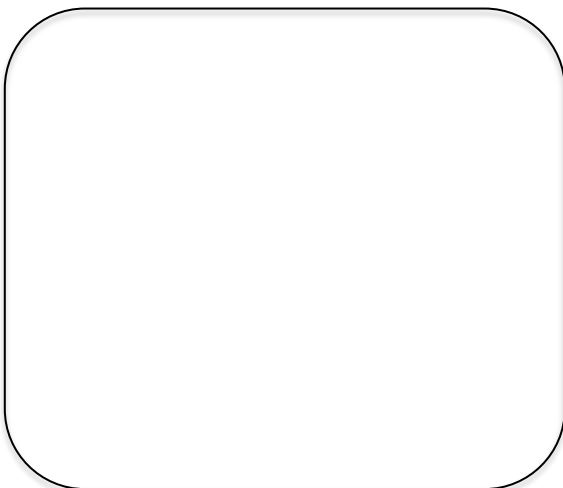


Step 4: Create

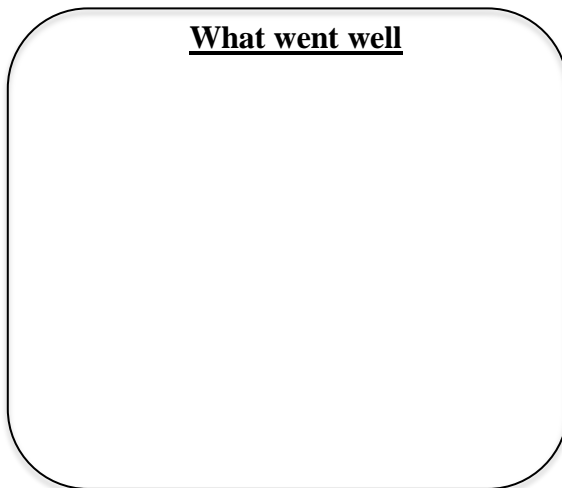
Build your submarine.

Step 5: Improve

Identify 3 things that worked well and 3 ways that you can improve your submarine.



What went well



What