

At Home Engineering

Save Your Soup

Build a floatation device which supports the weight of a can of soup. You must be able to easily insert and remove your can of soup (or any other canned good) from the floatation device. Be sure to work through each step of the ENGINEERING DESIGN PROCESS. You can find these below. Good luck!

ASK

What information do you need in order to solve the problem? What questions do you need answered so that you can be successful?

IMAGINE

What ideas do you have for creating a soup floatation device? What is your best idea?

PLAN

Sketch out and label your plan on paper.

CREATE and TEST

Create and test your design. How long did your soup float?

IMPROVE and TEST

Take a moment to pause. What is going right? What is going wrong? What can you do better?