



At Home Engineering Puff Mobiles

Create a wind powered vehicle which can travel down a track. Your wind can be provided by your breath or by a small fan. Your goal is to have your wind powered vehicle travel as far as possible. 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 wind powered vehicle? What is your best idea?

PLAN

Sketch out and label your plan on paper.

CREATE & TEST

Create and test your design. How far did your wind powered vehicle travel?

IMPROVE & RETEST

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