

Balloon Car Design Challenge 1

Engineering Notes

Brainstorm, Plan & Build Your Balloon Car

Your Challenge:

Design and build a prototype of a car that is powered by a balloon.

Brainstorm and Plan:

Before engineers begin to build something, they look at what's available, brainstorm how they could solve the challenge, and write down their ideas.

What's the design plan for your prototype of a car powered by a balloon?

Write ideas or draw plans for your design here. Use extra paper if you need to!

Design Thinking Process

- Identify the Problem
- Brainstorm & Plan
- Build
- Test
- Analyze Results and Improve
- Share Your Solution

Materials List:

You will need:

- Material for your body: _____
- Axle (2): _____
- Wheels (4): _____
- Connection material: _____