

# Design a Vehicle

You are going to design a vehicle. The vehicle will need to be able to carry heavy things and travel across bumpy, uneven surfaces.

## Things to think about:

- **Strength** – How can you make your vehicle strong enough to carry heavy things? What materials will you use to make your vehicle strong?
- **Wheels** – What type of wheels will travel best over bumpy, uneven surfaces? Small or big wheels? Smooth or textured? What should your wheels be made of?
- **Vehicle size** – As your vehicle needs to carry heavy loads across uneven surfaces, should it be tall and narrow or low and wide?

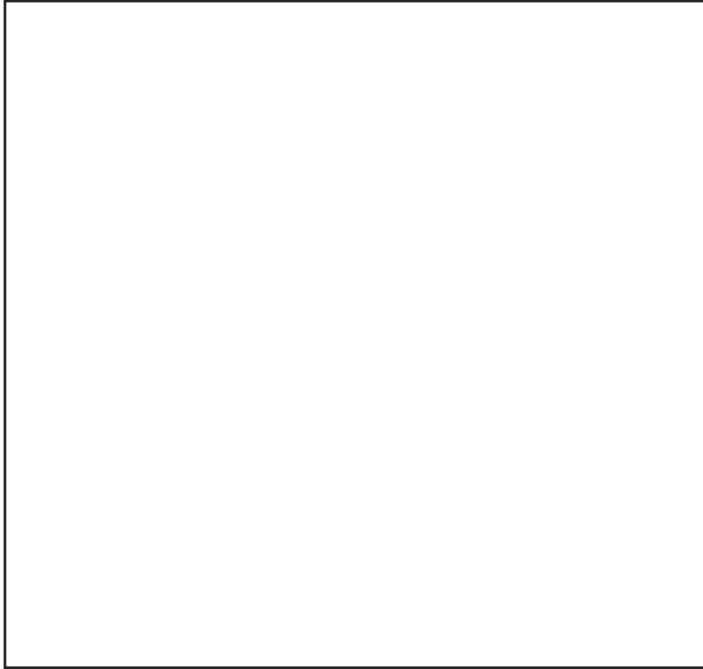
## Inspiration:

Use these pictures to give you ideas for your vehicle.

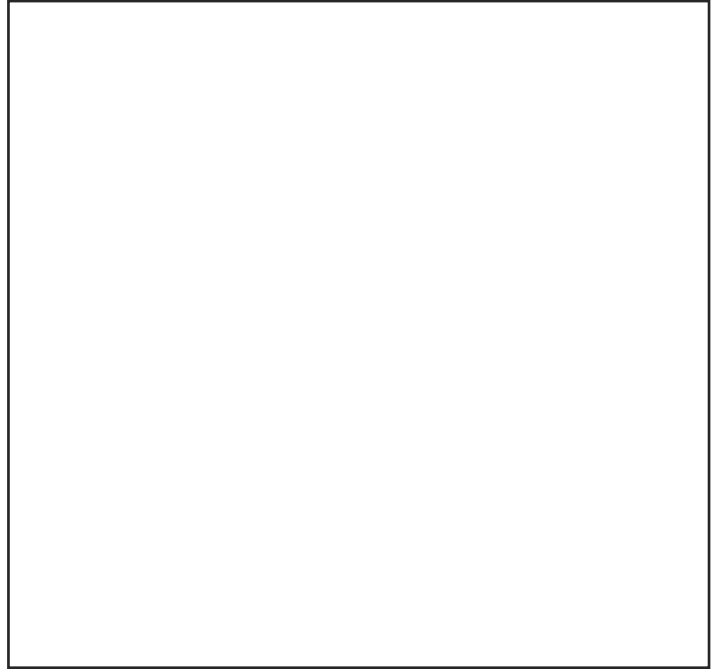


# Design Plan

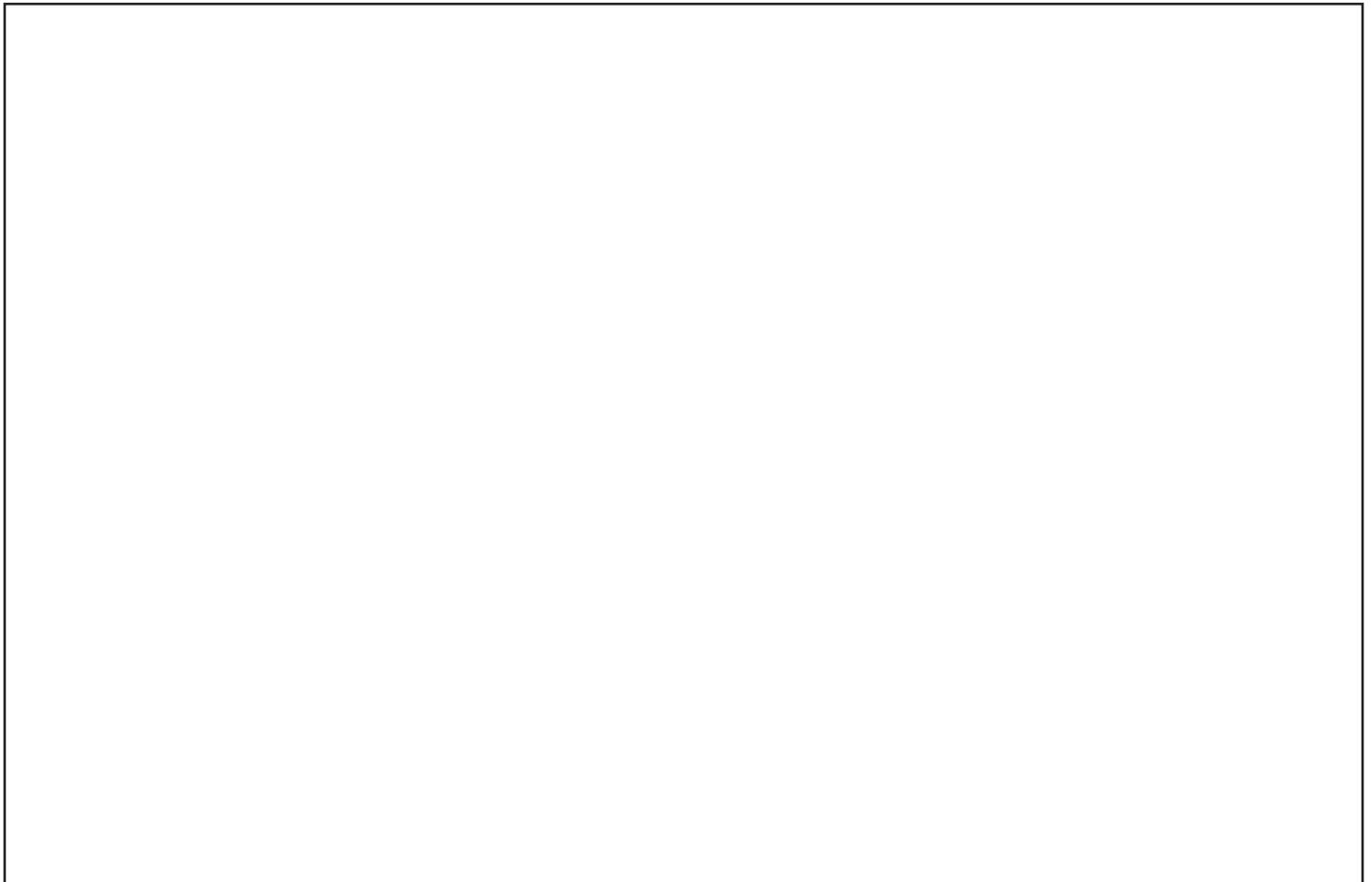
Materials I will use to make my vehicle:



Equipment I will need and techniques I will use:



Labelled diagram of my vehicle:



# Design Plan

## Evaluation

After you have made your vehicle, think about your finished product.

Was your vehicle able to carry things? \_\_\_\_\_

Could your vehicle travel over bumpy, uneven surfaces? \_\_\_\_\_

What was good about your vehicle?

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What could you improve?

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Circle the number of stars out of five you would give your vehicle.

