

Design a Mars Buggy

Use this template to design your own Mars buggy.

You should think about these facts:

The temperature on Mars can be as low as -140°C .	Mars experiences day and night similarly to the Earth.	Gravity on Mars is only 38% as strong as on Earth.
Mars' surface is bumpy and rocky with large hills and valleys.	The surface of Mars gets plenty of light from the Sun but there is little protection from its UV rays.	There are large dust storms on Mars.

1. Write a list of things that your Mars buggy needs to be able to do.

2. For each item on your list, come up with a design feature that your buggy will need to achieve this.

<hr/> <hr/>	<hr/> <hr/>
<hr/> <hr/>	<hr/> <hr/>
<hr/> <hr/>	<hr/> <hr/>
<hr/> <hr/>	<hr/> <hr/>
<hr/> <hr/>	<hr/> <hr/>

Design a Mars Buggy

On this page, draw a detailed diagram of your buggy.

Label each of your design features and anything extra that you think your buggy needs.



A large, empty rectangular box with a blue border, intended for drawing a detailed diagram of a Mars buggy.