

Rocket Science: Landing Safely

Planning Stage:

You must design a parachute device that will safely land your rover and astronaut on the moon. Remember to think about air resistance, gravity and weight!

Draw and label the parts of your parachute device

List the materials you will need:

What is air resistance?

What does it do to a falling object?

Why do you think this design should work?

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Testing Stage:

Name of Design:	Yes/No
Did the lander get damaged?	
Was the astronaut damaged?	

Hypothesising Stage:

Why do you think your design worked?

Why do you think your design didn't work?

Redesigning Stage:

Using all you learned, draw a version 2 design of your parachute down below:

Why do you think this new design will work better than your first design?