Great Glider Share
7-11 years
Link to the story

https://youtu.be/pKvdZXuTocc

Author: Jules Pottle
Aerospace engineer – what do they do?

Link to an introduction to the enquiry

https://youtu.be/Bfs9mKsy-Gw

Dr Ben Parslew
Aerospace Engineer
Spot the difference

tail  fin  wing  fuselage
Does the way we make the glider affect how far it travels?
Does the way we make the glider affect how far it travels?

This is a **comparative test**. You are changing one thing - the **independent variable** - whilst measuring the **dependent variable** and trying to keep everything else the same - the **control variables**.
Does the way we make the glider affect how far it travels?

We think... because...
We are ready to draw our conclusions.

Does the way we make the glider affect how far it travels?

We have found out that...

We think this because we observed...

Our measurements show this because...
Return a photo of your landings to Dr Ben Parslew - Aerospace Engineer

Upload to https://tinyurl.com/Great-Glider-Share-Uploader

@GreatSciShare
Comparative test: where one variable is changed to see how it affects the results.

Independent variable: what is changed in an enquiry.

Control variables: what is kept the same in an enquiry.

Dependent variable: what is measured in an enquiry.

Reliable: able to be trusted.

Flight: the action or process of flying through the air.

Glider: a light aircraft that is designed to fly without using an engine.

Wing: a rigid horizontal structure that projects from both sides of an aircraft and supports it in the air.
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