

Discover the science that surrounds us every day with challenges to do as a class or to try at home.

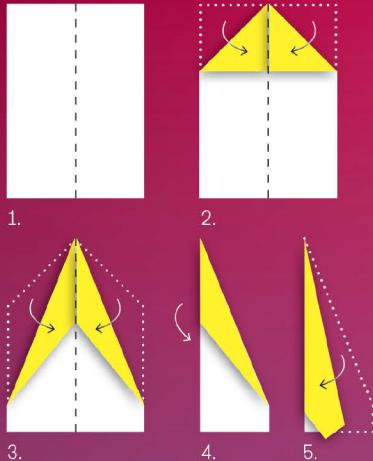
Seek and find

Use your observation and questioning skills to explore how science shapes our everyday lives. Explore your classroom and find something...

- You think is both beautiful and useful
- That is a simple solution to a challenging problem

Share with a partner and tell them why you chose it.

 5–10 minutes



Try this

How long can you make a paper glider stay in the air for?

To make a glider, you'll need a sheet of A4 paper and follow the diagram. Then, test your glider and time how long it's in the air for.

Did you know? Gravity pulls everything downwards. As the glider moves towards the ground, the wings create a higher air pressure underneath than on top, which creates a lift force.

Download the *Make It Fly* resource at sciemcemuseumgroup.org.uk/resources

 30 minutes

Think and talk about

If you were an inventor, what would be the first thing you would invent?

Our museums are home to many magnificent inventions that have transformed the way we live our lives today. Discover 15-year-old schoolboy, Russell Reynolds', invention of an X-ray machine that was one of the first of its kind to take images of the inside of the body. It's on display in *Making the Modern World* gallery at the Science Museum.



The Science Museum Group have five museums across the UK: Science Museum, London; Science and Industry Museum, Manchester; Railway Museum, York; Science and Media Museum, Bradford; Locomotion, Shildon