

# Week 4

## Air resistance

### The big idea...

Take 2 sheets of paper. Ask which will hit the ground first. Then screw one up and ask the question again. Drop them together and see which does. Ask the question why?

Read through at the air resistance PowerPoint then watch this video  
<https://www.bbc.co.uk/bitesize/clips/zpvs34j>

Read the Parachute letter. Children are to design and make their own parachute. How can their design create the most air resistance? When completed, drop the parachute from a high point (if possible) and time how long it takes to fall.

**Use the PowerPoint to read about air resistance.**

**Design and make a parachute using what you have learned.**

**Record the parachute's performance. Can you think of improvements?**

**Balloon hovercraft experiment**

