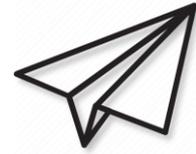


Flight School



In this activity, you can cover the following subjects:

- Science
- Maths
- Design technology/art
- English

- Science Task: What do you already know about forces? What is gravity? What is air resistance? Have a look at the following web pages and videos to refresh your memory

<https://www.bbc.co.uk/bitesize/topics/zsxxsbk/articles/zxqrdxs>

<https://www.bbc.co.uk/bitesize/topics/zsxxsbk/articles/zxw6gdm>

<https://www.bbc.co.uk/bitesize/topics/zf66fg8/articles/zqbm3k7>

- Design challenge: Create paper aeroplanes. This could be a family challenge or you could make a few different paper aeroplanes to compare.
- English Task: Before you test your paper aeroplanes, write a prediction of which you think will travel the furthest and why. Create a poster/leaflet inviting your family to attend your flight school. Write a newspaper article/web blog for your flight school.
- Maths Task: Measure the distance each paper aeroplane travels. If you don't have a measuring tape, don't worry. Find an object and create a new unit of measurement (for example, the plane travelled 16 saucepans across the living room!)
- Additionally, you could make a scoring game like the one in the image below.



How many points can each member of your family score? Which paper aeroplane is the easiest to 'navigate'?

These are all optional activities - you can adapt them and include your own ideas. Why not add streamers or decorations to your paper aeroplanes? Create certificates for all those attending your flight school. Have an awards ceremony for the winner of your competition etc.