

Paper Plane Races

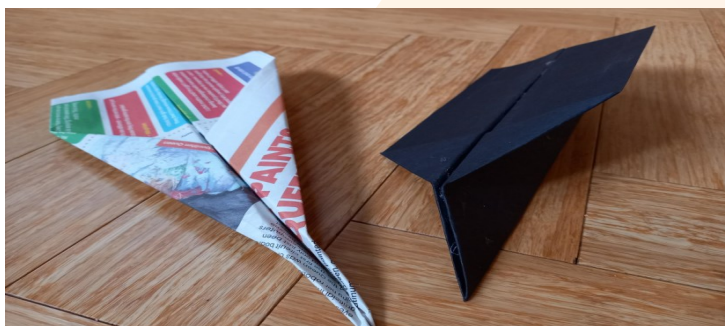
DID YOU KNOW?



Cambridgeshire businesses, such as MathWorks, are helping to solve some of the biggest problems facing the world today. They design software that enables engineers to create efficient designs. MathWorks works closely with the aviation industry, helping make aeroplanes more efficient and more environmentally friendly. Can you design a creative paper plane? Which goes furthest?

RESOURCES:

- Selection of paper, thin card, newspaper, tinfoil, other foldable sheets
- Decorative materials - colouring pens, paint, stickers, sequins, feathers, etc.



ACTIVITY:

Design and build 'paper planes' using different papers, cards and other materials.

1. Put out a range of papers, coloured paper, card, tinfoil, and any other comparable material, along with some example paper plane designs.
2. Use the templates, or other designs you know, to support the children to make, colour and decorate a paper plane using the materials provided.
3. Test the planes in a safe space. Which design flies furthest? Which material?
4. Talk about why a plane might fly farther than another.