

Paper Plane Design Lab

Ages 6–12 · 30 min · Small group

Learning intention

This experience supports children to experiment and record results, and to compare and discuss their findings.

You'll need

- Paper and light cardboard in several colours
- Pens and stickers
- A clear space to test flights

How to do it

1. Children fold a basic plane: fold in half, fold the top corners to the centre, then fold the wings down.
2. They decorate and then trial different fold patterns.
3. Test each plane's distance and flight path, recording the results.
4. Adjust the designs to fly further or straighter, then hold a friendly fly-off.

Framework links

MTOP

- **4.2** Children and young people develop a range of learning and thinking skills and processes such as problem solving, inquiry, experimentation, hypothesising, researching and investigating
- **5.1** Children and young people interact verbally and non-verbally with others for a range of purposes

NQS

- **1.2.1** Intentional teaching - Educators are deliberate, purposeful, and thoughtful in their decisions and actions.

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