

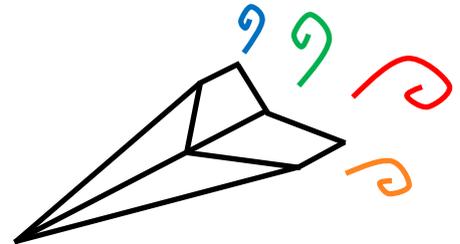
Family Storytelling Sessions

Book: Rosie Revere Engineer
A Supported Children's Activity

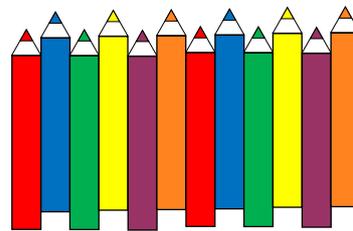
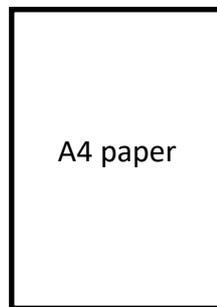
Learning Aims: to follow instructions, develop fine motor skills, and gain an awareness of aerodynamics.

Engineer your own flying-machine like Rosie Revere...

Learn how to make a: **paper aeroplane**

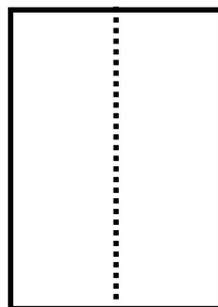


You will need:



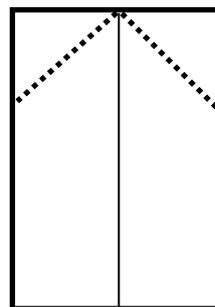
Coloured pencils,
crayons, or pens

Instructions:

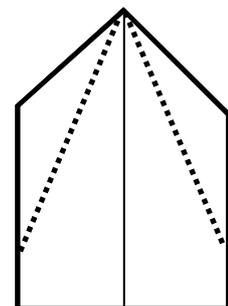


1. Fold the paper in half length ways. Make a crease and unfold again.

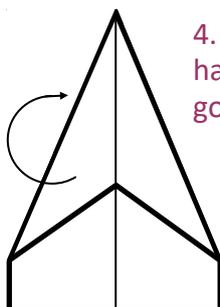
2. Fold both corners into the centre line and press down firmly.



3. Fold both corners into the centre line again and press down firmly.



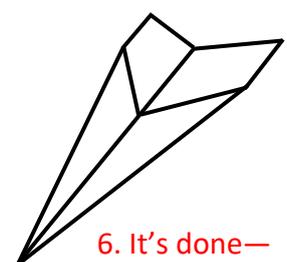
4. Fold the paper in half, but this time going back on itself.



5. Fold down a 'wing' on each side by folding this corner to the flat side.



6. It's done—give it a fly!

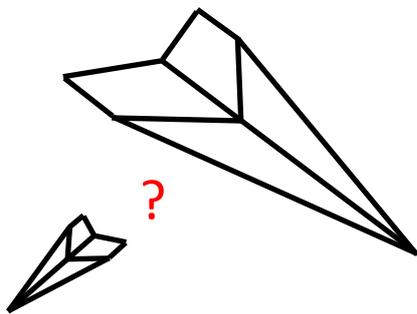


Challenges with a: paper aeroplane

Challenge 1: Name your new aeroplane!

Ask your child to write the name on the plane to encourage literacy.

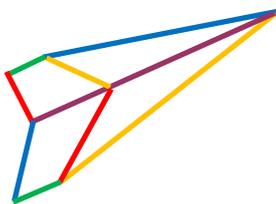
Discuss what will the child name it and why?



Challenge 3: Materials Science!

Experiment with different materials to see if this makes a difference to how they fly. You could use tissue, card, and tinfoil, for example.

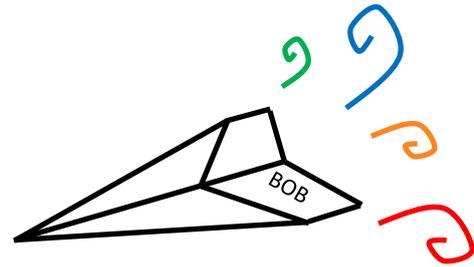
Discuss does the amount of drag affect the paper aeroplane?



Challenge 5: Take it outside!

Experiment with your child outside and discuss if it makes a difference when it is windy or if it gets wet when it lands in a puddle.

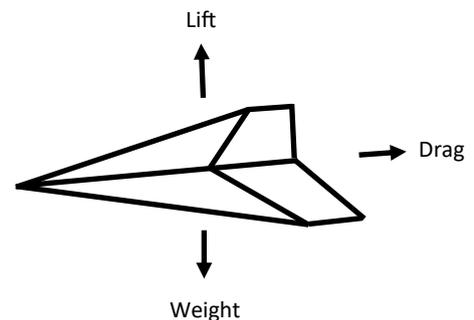
Discuss does the weather affect the paper aeroplane?



Challenge 2: Engineer mini or maxi planes!

Experiment with different sizes of paper to make different sized planes and see if that makes a difference to how they fly.

Discuss does the weight affect the paper aeroplane?



Challenge 4: Colour in your new aeroplane!

Ask your child to decorate and colour in the plane to develop fine motor control.

Discuss what colours will the child choose and why?

