

FLIGHT

I'm sure that we have all dreamed of growing wings and flying – to soar above the clouds and see the people and houses turn into tiny dots!

Today's science afternoon is all about flying! Read on to find out about the activities available for you to enjoy.

WHOLE SCHOOL CHALLENGE:

Watch the video:

<https://youtube/VfmgUv3MEPU>

Have a go at making your own straw aeroplanes -try a variety of different designs to find the most effective one.

- Who can make the plane that flies the furthest?
- Who can make the plane that flies the highest?

Take a photo of a video and share it with us – will your plane be the best in the school?

PLEASE NOTE:

If you don't have any straws, you could just roll a piece of paper up and secure with some tape.

You can use scrap paper for this investigation – it's always a good idea to reuse and recycle if you can



Will invisible aeroplanes ever be a thing?



Nah, I just can't see them taking off!

OTHER ACTIVITIES:

Watch the history of flight in 11 objects from the Science Museum:

<https://www.sciencemuseum.org.uk/see-and-do/flight>

Learn how to draw an aeroplane:

<https://youtu.be/Pn8yA99iNA8>

Learn about how planes fly:

<https://www.bbc.co.uk/bitesize/topics/zvb76v4/articles/zbmkhbk>

Explore a range of videos and resources from RAF Cosford:

<https://www.rafmuseum.org.uk/cosford/schools-and-colleges/family-worksheets/>

OTHER RESOURCES IN THIS FOLDER:

- Power points for you to learn about the early pioneers of flight – The Wright Brothers and Amelia Earhart
- Templates and instructions for making a variety of different paper planes
- Templates and ideas to investigate straw planes using a comparative/fair test
- 3D WW2 Spitfire Model Paper Craft
- Up, up and away colouring
- Spinning Science - Paper Spinners

Have a fantastic afternoon 😊