

Home Learning

11^h May 2020 – 22nd May 2020
www.fernhillprimary.kite.academy



Flight

How it works:

Please choose 3 activities from the suggested list, to complete this week.

Remember to check with an adult before using any materials from home and ask for help.

Note for parents: Please be aware, some of the video clips are on YouTube, please check the adverts before are appropriate and monitor you children whilst they complete any online research.



History of flight.

There have been many people who have contributed to the development of flight.

Choose one person to find out about. Create a fact file for that person.

Make sure that you include:

- Their name. When they were born, where they lived and when they died.
- An overview of what they did.
- What they are/were most famous for?
- Some of their best qualities.
- What else was happening in the world at the time?
- Their biggest impact on the development of flight.

You might also like to include:

- Interesting fact boxes
- Annotated illustrations.

Science

Aeroplanes and space shuttles are not the only thing to fly.

Find out about a bird, or even a mammal that flies. Create a poster to tell another child about this bird or animal.

Your poster should include illustrations and lots of key facts.

You might want to think about:

- How they fly
- Where they live
- What they eat
- What they look like

I'm sure you can think of lots more information to include.

If you would prefer you could find out about the history of our local airports.

- Farnborough Airport
<https://www.farnboroughairport.com/about/history/>
- Blackbushe Airport
<https://www.blackbusheairport.co.uk/history>



Here are some examples of people that have been famous in the development of flight.

- Wilbur and Orville Wright.
- Leonardo de Vinci
- Buzz Aldrin
- Frank Whittle
- Samuel Cody
- Amelia Earhart
- Amy Johnson
- Helen Sharman



Birds:

<https://www.theschoolrun.com/homework-help/birds>

<https://www.bbc.co.uk/bitesize/topics/z6882hv/articles/zyd6hyc>

Bats:

<https://www.youtube.com/watch?v=9FVoTMOorXA>

Flying Squirrels

https://www.softschools.com/facts/animals/flying_squirrel_facts/80/

<https://www.youtube.com/watch?v=1-FHzf4xnWw>

STEAM Challenges:

How to make a paper aeroplane.

<https://www.stem.org.uk/resources/elibrary/resource/31161/can-it-fly>

Challenge your self to find out what is the best aeroplane that you can make?

Here are some questions that you could ask before you begin.

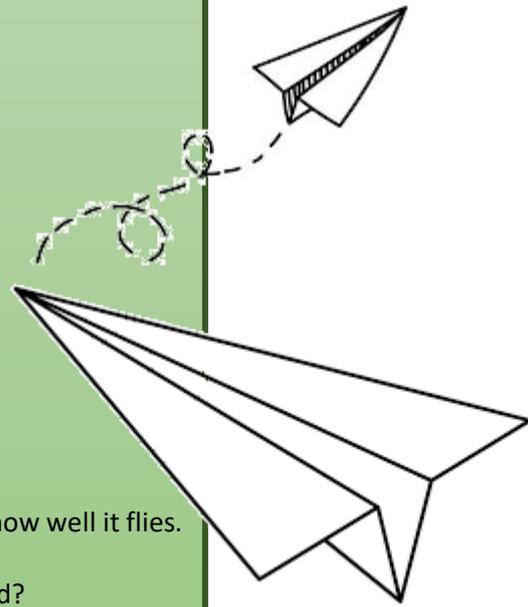
- What is the best design for the paper aeroplane?
- What is the best size?
- What is the best type of paper that you could use?

You also need to think of what it is that makes it the best aeroplane.

- Is it the one that travels the furthest?
- Is it the one that travels in the straightest line?

Once you have decided on these things. Make a paper aeroplane and find out how well it flies.

How will you record your results so that other people know what you discovered?



STEAM Challenges:

Straw aeroplane

<https://www.youtube.com/watch?v=c8BAEe8z89A>

Here is a link to show you how to make a straw aeroplane. You might like to investigate these in the same way as you would investigate paper aeroplanes.

How will you show other people what you have discovered?

STEAM Challenges:

Paper helicopters

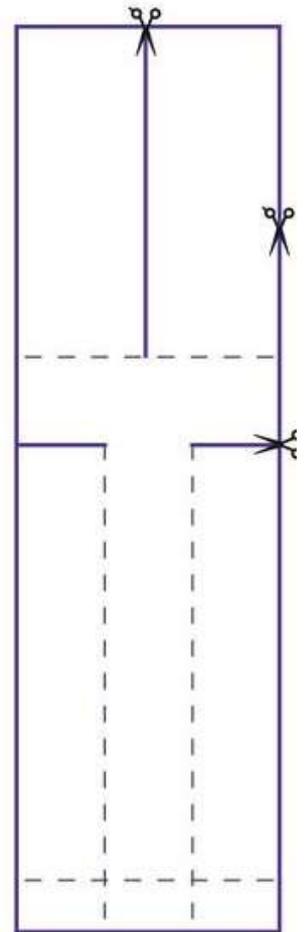
<https://www.youtube.com/watch?v=5Vk-gXwHDSM>

Here is a link to show you how to make a paper helicopter.

The way they fly can change, depending

- How heavy they are.
- How long their blades are.
- The type of paper you use to make them.

Explore different types of helicopter and record the information for other children to see.



Useful websites.

<https://www.bbc.co.uk/cbbc/search?q=flight>

CBBC various articles about flight

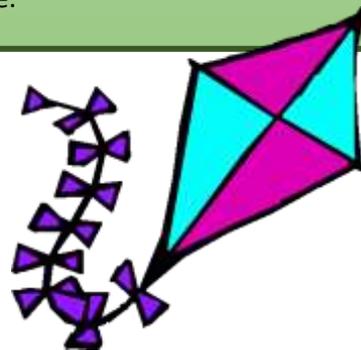
<https://www.kiddle.co/>

Kiddle – search engine for children.

<https://kids.kiddle.co/Flight>

<https://www.childrensmuseum.org/blog/10-facts-about-amelia-earhart>

<https://www.theschoolrun.com/homework-help/history-of-flight>



STEAM Challenges:

Indoor kites.

<https://www.instructables.com/id/Indoor-Kite/>

This is a link to a website that gives you step by step instructions of making an indoor kite.

Could you make an indoor kite?

Explore the different ways that it flies.

Bird Spotting

Look out of your window.

Can you see and hear any birds?

- How many are there?
- What do they look like?
- What do they sound like?

Draw a picture of a bird and label it.



Response to a picture.

This is a painting of 'A boy holding a bird cage'
It was painted in the 1700s So 300 years ago.

We wouldn't keep birds in cages this small anymore.

Here are some images of artwork that children have created in response to this picture.



What art could you create to let us know how you feel about this painting.

Remember to take a photo and send it to your class teacher via the class email address.



French:

Create a time line for Flight - Le Vol!

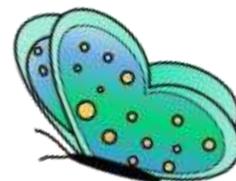
Watch the following clip to practice your pronunciation!
https://www.youtube.com/watch?v=dtSl1_Kt0IE

- *Create a time line for 7 items... (can you count to 7 in French?)
- *Draw pictures of a plane, a bird, a glider, a flying saucer, a hot air balloon, a rocket and a hang-glider.
- *Put them in time order - earliest first onto your timeline.
- *Label them in French
- *Research and add the date they were invented or first seen ...

Useful vocabulary avion (plane), oiseau (bird), planeur (glider), soucoupe volante (flying saucer), Montgolfière (hot air balloon), Fusée (rocket) and deltaplane (hang-glider).

*Use Microsoft Translator to hear the above words then say them yourself! To learn a language quickly – SPEAK IT!!

et Voilà!



Please email your teacher with your wonderful learning on the class email address.

They are waiting to hear from you!

The Fernhill Team.