

Year 5 Home Learning

Topic & Science

This Spring term, our topic is **Space Explorers**. We will learn about Astronomy and Space through science and history.

Our science topic is **Forces**.

Proper Project

SPACE HISTORY

Find out about a famous person involved in the history of space exploration, e.g. Werher Von Braun, Yuri Gagarin, Valentina Tereshkova, Neil Armstrong, Helen Sharman, Denis Tito.

Why are they famous? Where were they born? Are they still alive? Present your information as a poster, booklet, fact file, PowerPoint, lecture, or even through drama. You could pretend to be that person and answer questions in character.



Time: Up to 2 hours. Ask for help if you need it.

Science

Air Resistance

Use 2 identical pieces of paper. Change their shapes by folding, scrunching, cutting (but make sure you don't remove parts of the paper). Make one shape that you think would fall to the ground quickly and one that might not fall so quickly.

Drop both pieces of paper from a height. Which one lands on the ground first?

Was your prediction correct? Why do you think this happened? Can you explain how air resistance works?



Keeping Healthy

What physical activities do you do every day? Maybe you walk to school, enjoy skipping or play ball games. Did you know that the Government has said that children should be physically active for at least 60 minutes each day? This helps you to stay fit and healthy, but doing physical activities should also be fun! Your task is to complete a physical activity diary for one week during this half term. Activities could include going for a walk, cycling, taking part in a playground activity or a sport of your choice. Once you've completed your log, (see home learning webpage) bring it into school to share with your class.

Let's talk...

Getting On and Falling Out

Think of a time when you have fallen out with a friend or family member. Why did this happen? How did you all resolve this argument?

Have a discussion with someone at home and decide what is important in resolving a conflict. What sort of words or phrases would help to fix the problem?

Think about how you could allow both people or groups of people to have their say while being able to come to an agreement or resolution.

Espanol

Que quieres ser cuando seas grande?

What do you want to be when you grow up?

Cuando soy grande quiero ser _____

When I grow up I want to be _____

Draw a picture of yourself when you are an adult and the job that you want to have. Write a sentence in Spanish describing your job.

Out and about...

You could visit:

- [The Science Museum](#)
- [The Royal Observatory in Greenwich](#)