



Year 6

Spring 2

How to support your child's learning.

First follow the link (control and hover) [click here](#)

Mathematics

In mathematics we will be developing our knowledge and use of fractions.

We will learn:

- When a fraction is multiplied by a proper fraction, it makes it smaller.
- To multiply two fractions, multiply the numerators and multiply the denominators.
- When a fraction is divided by a whole number, it makes it smaller.
- To divide a fraction by a whole number, convert it to an equivalent multiplication.
- Efficient methods which can be used to divide a fraction by a whole number when the whole number is a factor of the numerator.

At home, encourage children to recognise and use fractions in their daily lives, e.g. fractions of food/meals, fractions of amounts etc.

Once our fractions have been completed, we will move onto statistics—specifically:

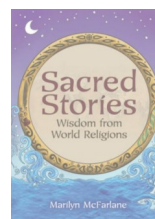
- Interpret and construct pie charts and line graphs
- Use these to solve problems, calculate and interpret the mean as an average.

We will also be continuing to develop our arithmetic skills through the term—keep practising timetables, long multiplication, division (short and long), decimals, fractions, and percentages!

Reading

We will continue to read Cogheart for the first 2 weeks of the half term. You could encourage your child to:

- summarise the story to you at home—discuss the characters and the parts they have enjoyed, found the most exciting etc
- Write a letter to one of the characters—tell them what they think they should do next...
- Produce an emotion graph for one of the main characters.



We will then begin to read Sacred Stories - a selection of short stories based on different cultures and religions. You could encourage your child to:

- Discuss stories read at home.
- Can you find different versions of the myth about Persephone and Hades? How are they the same/different?
- Search for and explore other creation stories.

Reading Plus

Please encourage your child to complete Reading Plus at least 3 x weekly.

Writing

Our first genre this half term will be persuasive letters, based on our recent learning in history. At home, you could support your child to:

- Encourage the children to use the different persuasive language they have learnt! They could persuade you for an extra sweet treat or a later bedtime!
- Carry out some extra research on either Florence Nightingale, Mary Seacole or Mary Murdoch to help with letter writing in school.
- Design a new product such as a chocolate bar or a new pencil case. How could you persuade someone to buy it?
- Write a letter to their teacher—can you persuade them to give you a longer breaktime?



We will then complete move onto writing narratives based on a story from Sacred Stories and a journey to the underworld. At home, you could support your child to:

- Write character descriptions of Persephone or Hades.
- Write a short playscript—this could be when Persephone is taken into the underworld.
- Together, find images that depict the underworld and write setting descriptions.

Science

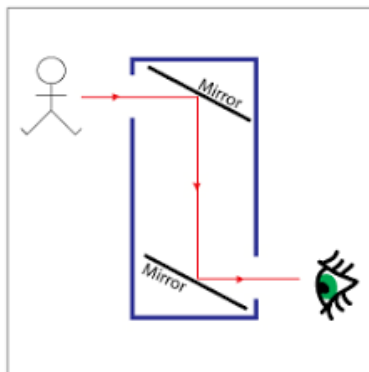
In Science, we will be focusing on physics—specifically studying light.

We will:

- Recognise that light appears to travel in straight lines
- Explain that objects are seen because they give out or reflect light into the eye
- Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- Explain why shadows have the same shape as the objects that cast them

This will build on prior knowledge and will develop our scientific thinking and working processes. Children will put their knowledge to the test when creating their own periscope.

At home, children could extend their experience of light by looking a range of phenomena including rainbows, colours on soap bubbles, and coloured filters (they do not need to explain why these phenomena occur).



Geography

In Geography, we will be enhancing our knowledge of physical and human geography through exploring fair trade across the globe.

We will be answering the question: How and why has trade changed through time to become global?

You could:

- Explore your local area—can you find examples of physical and human features?
- Research different edible products in the home and research where they have been imported from.
- Design a poster about the importance of fair trade.
- Choose a country to research—what are the main goods it imports? How does it do this?
- Check out these websites for some friendly, at home learning activities and games:

[Fairtrade at Home - Fairtrade Schools](#)

[Fair Trade Games | Educational And Interactive Games](#)



DT

In DT we will be developing our cooking skills through exploring fair trade and what it means to have fair trade produce.

We will:

- Look at how to have a varied diet
- Prepare and cook a fair trade inspired dish
- Develop understanding of seasonality, and know where and how a variety of ingredients are grown.

Children will plan, design, and make their fair trade inspired dish, selecting from a range of ingredients.

At home, see how many fair trade products you already have at home and encourage the children to talk to you about them being fair trade.

You could also challenge each other to find the most fair trade products in your local supermarket or green grocers!

