

Maths this half term will begin by looking at the connections between fractions, decimals and percentages. The children will secure their understanding of decimals up to 3 decimal places and rounding decimals to 1 decimal place. Once secure, we will move on to finding the perimeter and area of rectilinear and compound shapes. Near the end of this half term, we will start our statistics topic, which involves drawing, reading and interpreting a variety of graphs and tables.

Geography is our topic driver for this half term. We will specifically compare the landscape, climate, industry, and historical development of Basingstoke and Annecy (a similar-sized town in the Alp region of France). The children will explore latitude and how this can affect climate. They will explore how the different towns generate income and compare the historical growth from the original settlement to the present day. The children will end by creating a postcard from Annecy.

In **Science**, the children will be learning about forces. They will learn and explain how unsupported objects fall towards Earth because of the force of gravity (and how surface area can affect this), the effects that air and water resistance have on objects, identify that friction acts between two moving surfaces and that some mechanisms, including pulleys and gears, allow a smaller force to have a greater effect.



English this half term will begin by the children completing a piece of independent fiction writing to showcase a range of vocabulary, punctuation and grammar that they have learned so far in Year 5. They will then be studying the short film 'Migrants'. The story is about two polar bears who find themselves having to migrate from the Arctic Circle due to global warming. The bears float across the ocean on a sheet of ice until they arrive on new land. We will sentence stack this part of the story in first person and then ask the children to continue the bear's journey in their own writing. Which European country will the polar bears end up in next?

Our principle for **HeartSmart** is "Don't Hold Onto What's Wrong," and this replaces a previous principle "Don't Rub It In, Rub It Out." Understanding forgiveness – in ourselves and others – will underpin this learning.

PE will take place every Tuesday. This will be outdoor PE as the children practise their volleyball skills. **Forest Schools** will take place on Wednesdays (5E), Thursdays (5P) and Tuesdays or Fridays (5DS). Long sleeves, covered legs, wellies and weather appropriate clothing required!

In **D&T**, the children will start to explore how food gets from farm to fork before adapting a recipe to create their own healthy Bolognese sauce, which originated in Italy, in Europe. The children will have a chance to make these dishes in groups before sampling them too!

Our **Computing** unit this half term will focus around using search engines, looking at how to be safe and efficient searchers online, recognising reliable sources and the importance of copyright. In **Natterhub**, we will be continuing discussions on recognising fake information and how to be a kind and respectful digital citizen.

In **Music**, the children will be exploring various versions of Eleanor Rigby by the Beatles and looking at song composition.

French lessons will involve looking at the different words for clothes, how to describe an outfit and incorporate clothing items with adjectives, such as colours.