

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 be comparing our local area with the Alps and La Plagne (a ski town in France). The children will develop their understanding of the different climate zones and how they are affected by altitude. Children will compare the economic histories of Basingstoke and La Plagne, as well as expand their map knowledge, with digital and paper maps and using 4 and 6-figure grid references to find specific locations.

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

PE will take place every Friday. This will be indoor PE as the children practise their core PE skills. **Forest Schools** will take place on Tuesdays (5E), Wednesdays (5SP) and Thursdays (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 after Easter.

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!

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.