



Ranvilles

Year 5 – Summer Term 1

What will the children be learning?

The summer term brings with it another diverse variety of topics for Year 5. In geography we'll be exploring biomes by using deserts to explore how humans adapt to living in different climates and how land is used. In science our topic is unbalanced forces, in which we'll experiment with the effects of gravity, air resistance, friction and more. This will lead us into looking at aerodynamics, streamlining, levers and pulleys. This unit will also connect with our trip to the Winchester Science Centre in May, where we'll add to our forces work by participating in a workshop to build a rocket and further our autumn term work on the solar system with an experience in the planetarium. In DT we'll be looking at food and nutrition by defining healthy meals, recognizing nutritional differences between different recipes, adapting a Bolognese recipe to make it healthier and designing packaging for our own created Bolognese product. We'll be making music in computing, learning how to use samples and loops to create our own dance tracks. In music we'll be back with Mr Johnson to further our Ukulele playing. In RE our theme is sacred places, for which we'll look at gurdwaras, the places of worship for Sikhs. In preparation for the beginning of the move to Year 6, our PSHE topic will be about 'being my best'.

English

Our work in English will begin with a narrative piece in which we'll explore how to define characters for the reader through actions and interactions, and also how to use settings to enhance the narrative rather than just acting as a backdrop. We'll also continue our reading work through a variety of texts to look at how authors hook the reader with story openings. Later on, we'll turn our attention to balanced arguments and how examining both sides of a debate is important in helping us understand differing points of view.

Maths

Our first topic in maths will be angles, turns and degrees; a fun unit in which we can explore maths in practical contexts - such as technical drawing. We'll learn how to use a protractor to measure and draw angles, and the importance of accuracy in measuring lines with rulers. We'll also continue our core arithmetic work, ensuring our readiness for Year 6, and later on we'll return to fractions to further our understanding of how to add and subtract them, particularly where the denominators don't match.

How to help at home

Our homework routine runs from Monday to Monday as usual. New homework booklets will go home in the first week of the term. The regular homework tasks are as follows:

Reading: Regular independent reading (four times a week for a house point, five times for two). It would be especially great if you could listen to our child read to you, or a sibling, and ask questions about the text to check their understanding. We have Reading Masters booklets that will help with this – just ask if you've mislaid the one given in Year 3.

Spelling: Regular practice either using the sheet in the homework booklet or Spelling Shed. Two house points for five or more sessions a week.

Maths: Weekly maths challenge in the maths homework booklet and regular practise on TT Rockstars to develop or secure tables knowledge. Two house points for engaging in both tasks.

Please photograph the homework booklets to show engagement and upload to Google classroom. The websites and passwords needed for all of this are in your Dojo message thread, sent in September. Please also don't forget our Sora eLibrary, which contains thousands of age-appropriate books. Information for accessing this is in the same password document in your Dojo message thread.

Other information

PE: Our PE days are Monday and Wednesday. This half term our topics will be athletics on Mondays on the field, which we can switch to indoors if raining, and tennis on Wednesdays outdoors on the playground. It helps us hugely if on PE days ear rings aren't worn so we don't have to worry about taking them out, and long hair is tied back. These are both statutory safety requirements for school PE lessons.

Library: The school library is open every morning break time for children to change books as and when they need to. Children still learning to read also have access to our separate book band library and our allotted time there is on Wednesday mornings. Children on book bands are encouraged to change books weekly, keeping one in school for afternoon reading and one at home for home use.