

Maths



In our daily maths session this half term the focus will start with place value. Pupils will partition numbers up to 10,000, find 10,100, and 1000 less and more than a number, and compare and order numbers to 10,000. We will finish our place value unit by learning about Roman numerals. We will then move onto addition and subtraction during this unit we will build on prior learning from year 3. Pupils will learn to add and subtract 4-digit numbers with renaming using written methods. Pupils will finish this half term by learning about 'what is area', how to find the area of a shape and comparing the area of different shapes.

Science



In Science this half term we will be learning about 'states of matter'. During this unit pupils will learn about gases, liquids and solids. Pupils will carry out investigations to explore how water changes state. Pupils will learn why materials change state and will explore particle theory. Pupils will learn about boiling and melting points and how this is different for different materials.

PSHE

In PSHE this half term our unit is 'being me'. During this unit we look at our school community and how we can make it a special place.

Art

Our Art topic is 'animal'. Throughout this unit pupils will learn about the historical and cultural portrayal of animals in art. During this unit, the children will study the visual qualities of animals through sketching, printmaking and clay modelling. The children will finish this unit with creating a clay horse based on the Bankura horses of Panchmura.



Year 4 Curriculum overview Autumn 1 2022



Computing

This term we will be looking at the computing unit 'we are software developers'. During this unit pupils will be creating their own scratch game.



DT

Our DT topic this half term is 'fresh food, good food'. During this unit the children will learn about food decay and preservation. They will discover key inventions in food preservation and packaging, then make examples. The children will finish off the unit by preparing, packaging and evaluating a healthy snack.

RE

This half term we are learning about the Islamic faith. Our big question is 'Do Muslims need the Qur'an?' We will learn about sacred texts focusing on the Qur'an. We will explore how the Qur'an was revealed and its importance within the Islamic faith. We will finish this unit by learning about the 5 pillars of Islam.



Homework

Each week pupils are expected to read daily, complete spellings and practise their times tables. We will be regularly testing them on their times tables and it is vital they know them. Short, regular practise works best when learning times tables. Reading journals will be checked daily by an adult and signed. In addition to weekly homework each half term the children will be given a homework flyer with various activities. They must complete one activity before the end of the half term..

English

We will be continuing with 'The Write Stuff' which focuses on sentence stacking to help pupils to organise their writing. Our first unit is 'feast' which is a short film. During this unit pupils will be encouraged to use emotive vocabulary and dialogue. Our second unit is 'the Great Chocoplot' which is a narrative. Pupils will finish this unit by writing their own narrative based on a similar plot to the chocoplot narrative. In addition to our English lessons, which are focussed on writing, we will have daily SPAG and reading lessons. In our reading lessons will have two sessions of book talk where pupils discuss a book in their groups. The other three sessions will be written comprehension. Spellings will continue to be sent out weekly via spelling shed. If children are unable to access spelling shed, then a paper copy is always available from the class teacher.

