



Barn Croft Primary School
Autumn 1 2023-2024
Year 4 Curriculum Newsletter



Children are expected to read at home daily.
Practice on Times Tables Rockstars three times weekly.

Open Homework
Children can complete a piece of writing, research, art, project, comic etc. about any area of their learning this half term and bring it to school to share with their peers.
Due Monday 16th October 2023 (optional project)

Maths

Ten hundreds make 1,000, which can also be decomposed into 100 tens and 1,000 ones. When multiples of 100 are added or subtracted, the sum or difference is always a multiple of 100.

Numbers over 1,000 have a structure that relates to their size. This means they can be ordered, composed and decomposed.

Calculation approaches learnt for three-digit numbers can be applied to four-digit numbers.

1,000 can also be composed multiplicatively from 500s, 250s or 200s, units that are commonly used in graphing and measures.

Any numbers can be added together using an algorithm called 'column addition'. The digits of the addends must be aligned correctly before the algorithm is applied. If any column sums to ten or greater, we must 'regroup'. The numbers within each column should be added in the most efficient order or algorithm called 'column subtraction'.

This Term's Whole Class Text: Varjak Paw by S. F. Said

Varjak Paw is a Mesopotamian Blue kitten who lives in a grand house with his family. He is different from the other cats in his family because he has amber eyes, which are considered to be unlucky. One day, Varjak receives a visit from his grandfather, who teaches him about "The Way", a secret martial art for cats. Varjak is then forced to leave his home and go on an adventure in the city, where he must use "The Way" to survive. Along the way, Varjak learns about friendship, loyalty, and the importance of accepting who he is.

English

Write diary entries in role, planning and writing the next event in a story and writing their own version of a story. Compare and describe non-fiction structure and content
Editing and redrafting grammar in model paragraphs

Writing paragraphs and sub-headings on given topics using grammatical structures taught.
Writing a non-chronological report about a well-known character linked to the text's character e.g. a cartoon cat.

Reading

Using inference to gain additional information from a text, character's actions and speech. Deciding if statements about a text are true or false, purpose of dialogue in a story, make predictions, retrieve information, evaluate a character, compare settings and how to summarise a chapter.

Science – Digestion and Food

Using models, children describe the function of key organs in the digestive system. Pupils identify the types of human teeth to create their own model and investigate factors that impact our dental health. They compare human teeth to other animals' and consider this in the light of prior knowledge about predators, prey and food chains. Children take on the role of a naturalist investigating animal faeces for clues about diet, digestion and dentition.

Religious Education

To know and understand how Diwali is celebrated by Hindus across the world. To know the story of Hanukkah and understand what it means to be Jewish.

PSHE/RHE

Growing and changing, online safety, online bullying, appropriate touch, feelings and emotions. We will continue to have circle times when needed and the texts we will share are called Dogs don't do ballet and King of Kings.

Computing

To understand how children can protect themselves from online identity theft. To understand that information put online leaves a digital footprint or trail and that this can aid identity theft. To identify appropriate behaviour when participating or contributing to collaborative online projects for learning. To identify the positive and negative influences of technology on health and the environment. To understand the importance of balancing game and screen time with other parts of their lives.

Humanities: History

The Roman Empire

How did the Roman Empire become so successful? How did the Romans invade Britain? How did Britain change under the Romans? Which factors were the most important in the fall of the Roman Empire? Can you build your own Roman town?

Creative Design: Design and Technology

Mechanical Systems: Making a slingshot car

In this unit Year 4 will:

- Work independently to produce an accurate, functioning car chassis.
- Design a shape that is suitable for the project.
- Attempt to reduce air resistance through the design of the shape.
- Produce panels that will fit the chassis and can be assembled effectively using the tabs they have designed.
- Construct car bodies effectively.
- Conduct a trial accurately and draw conclusions and improvements from the results.

French

French greetings
How are you feeling?
Colours in French
Sizes and shapes in French
Let's count in French

PE

Athletics

Improve movement skills to improve coordination and body balance for sprinting. To encourage team work, health and fitness. To develop knowledge and understanding of sprinting technique over a 40-yard distance. To improve health and fitness.