

Year 4 Curriculum Overview – Autumn Term

English

Children will be taught a variety of fiction and non-fiction genres, such as stories set in familiar places, explanation texts and poetry. Throughout the year, emphasis will be placed on the correct use of spelling, punctuation and grammar (SPaG) in their writing as well as the ability to recite poems alongside their peers. Children will focus on their presentation skills using cursive handwriting and develop their organisational skills. Reading will continue to be a vital aspect of their learning where they be visiting the library weekly and we will encourage them to read regularly at home.

Maths

Children will learn how to use the column method to help solve +, -, x and ÷ calculations with 4 digit numbers. By the end of Year 4, they are expected to have quick mental recall of the multiplication and division facts to 12 x 12. This year will be the first year all Year Fours nationally will be formally tested on their times tables so please encourage your child to keep practising their times tables on Rockstars. Children will also be expected to know their number bonds to 100 (e.g. 43+ 57). They will extend their knowledge of Roman numerals up to 100 and develop their reasoning skills to solve mathematical problems.

Science

Children will be learning about 'Living Things' and their habitats. They will learn to use and make keys to classify plants and animals as well as recognise how environments change over time. During the 2nd half of the term, children will be learning about electricity and how to construct and investigate different circuits. They will learn about electrical insulators and conductors as well as learn how to be safe around electricity.

Computing

Children will learn about programming software while deepening their understanding of algorithms. They will test computer games as well as code their own game. During the 2nd half of the term, children will learn how to the Garage Band app to compose their own music. They will sample sounds and use the samples to create an individual piece of work which will be shared with the class and evaluated.

Geography

In Geography, children will learn about the Amazon Rainforest. They will investigate different settlements within Brazil and compare lifestyles between places in Brazil and Bedford. Children also investigate the importance of trade links and design a shelter to help them survive in the rainforest. Throughout the year, they will learn to identify the shape of the continents when seen in isolation and know the names of the five oceans.

History

In History, children will be learning about Romans in Britain. To begin the unit, will have an archeologically hunt and analyse artefacts. They'll learn about Julius Caesar, Claudius Caesar, the Celts, Picts and Boudicca. They will develop their understanding of time lines and investigate the Roman era using secondary resources. Children will develop their debating skills, like the Roman Senate did in the past.

Art

In the first half term, children will improve their drawing skills while learning about negative space and 3D shapes. Their final work will be inspired by 'Van Gogh's chair.' During the second half term, children will explore different tones, focusing on primary and secondary colours, as well as black and white. They will develop their printing skills and their final piece will be inspired by Picasso. Children will conclude their photography workshops from Year 3 and create a piece of artwork to reflect their learning.

Design & Technology

In Design Technology, for the whole of the Autumn term children will be investigating toy vehicles. They will look closely at models and use key language to explain how they move. Children will create flow charts to help develop a plan for their design. They will design and make a toy car and use electrical components to help make their model move. Once completed, they will apply finishing techniques to their model then evaluate them through testing

PSHE

During the first half term, children will be learning about 'Rights, Rules and Responsibilities.' They will join in classroom discussions about rights and rules as well as learn that with rights comes responsibilities. Children will also be leaning about the value of being a democracy while choosing their new classroom ambassadors. During the next half term, children will be learning about 'Emotions.' They will learn how to manage their own emotions and better ways to interact with others.

RE

Throughout the Autumn term, children will learn in detail about Judaism. They will learn what it means to be a Jew and compare with their own lifestyles. Children will take a more in depth view what it is like to be a Jew, looking at artefacts, an insight into the workings of a Synagogue and the Torah. They are continuing to develop the skills to question faiths and beliefs in a tolerant manner.

Physical Education

In Outdoor Games, children will learn how to play netball. They will develop their agility, balance and coordination, while learning the different skills and work as a team to work together and compete. In Indoor PE, children will be improving their dance skills. The focus is on patterns and different styles. Children will choreograph their own dances within a group, evaluate and give constructive advice. This term some classes will also have the opportunity to be taught by a specialist Gymnastics teacher, where they will develop core skills, using balances, jumps and rolls; acrobatics and create sequences; with and without equipment. Please ensure P.E. Kits are in school at all times.

Music

This year, pupils will take part in the Bollywood Brass project, learning to play the trumpet, Pbone or the Dhol drums. Pupils will perform at the Kings House after a terms worth of learning. Pupils will also learn to play in mixed ensembles using Kodaly techniques, exploring repertoire from a variety of styles and traditions. They will also use the school's samba kit, developing their rhythmic understanding, demonstrating syncopation and polyrhythms.

Other Information

Useful Days to Remember

Homework

Turner Class

Mrs Gayle and Mrs Martin

PE – Tuesday and Thursday
Library - Wednesday

Monday- Spelling
Tuesday- SPAG/Reading comprehension

Kandinsky Class

Mrs Singh and Mrs Ruddell

PE – Wednesday and Friday
Library – Monday

Wednesday- Maths
Thursday- Maths

Constable Class

Mrs Hurst and Mrs Harrison

PE – Tuesday and Wednesday
Library - Monday