

Year 4 Curriculum Overview – Autumn Term

Throughout this term, children will be recapping last term's curriculum to ensure they understand work that was sent home during the lockdown.

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, they will be able to order a book from the library to further develop their pleasure in reading, alongside improving their comprehension skills.

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 and well as 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 use 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. They will explore the reasons behind the Roman invasion and write diary entries from the point of view of a Roman person. 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.

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 create headlights. 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 learning 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 key topics and events in Judaism. They will learn what it means to be a Jew and compare with their own lifestyles. They will explore themes such as forgiveness and repentance, linking this to both Judaism and their own lives. Children will also take a more in depth view on the festivals and important dates in the Jewish calendar. They are continuing to develop the skills to question faiths and beliefs in a tolerant manner.

Physical Education

Pupils will be having two outdoor P.E sessions per week. For this term, pupils will use tennis equipment and balls to develop hand eye coordination games, developing their confidence and skills using different equipment. They will also complete a number of running and sprinting exercises under timed conditions building pupils stamina and agility. Pupils will have the opportunity to complete orienteering tasks to develop their skills in planning a route, directional awareness and reflexes. Pupils are expected to wear their P.E Kits to school on their allocated PE days.

Music

Children will be having Music Days with our Music teacher Miss Booth. They will be taking part in a project running across KS2, using music to help bring them together. During the first half term, children will be inspired by the musician 'Vaughn Williams' and his work 'The Lark Ascending', they will be playing and composing simple melodic tunes using some of Vaughn Williams' stylistic features. Children will be developing their use of the glockenspiel, chime bars, bells as well as a variety of untuned class percussion instruments.

Other Information

Turner Class

Mrs Gayle and Miss Ayub

Kandinsky Class

Mrs Singh and Mrs Ruddell

Constable Class

Miss Bolter and Mrs Harrison

Useful Days to Remember

PE – Tuesday and Wednesday

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Homework

Homework should be 20 mins each day, Monday to Thursday. This should include reading, completing activities on Spelling Shed and Times Tables Rockstars.