

## 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, 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 as well as learn how to be safe around electricity.

### Computing

Children will be following the Teach Computing schemes of work this year. At the start of this term, our learning will be focused around the internet and will include understanding how to connect to networks, what a website is and internet safety, specifically sharing information. In the second half of term, we will focus on audio editing. We will explore how to record and edit sounds and create and evaluate podcasts.

### 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, they will use their prior research of rainforests to ensure that their shelter is suited to the environment. 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 continue their journey through time and explore and research the Romans; why they invaded, why the Roman army was so successful and compare modern life with Roman life. They will also explore aqueducts, Roman artefacts and Queen Boudicca. They will write diary entries from the point of view of a Roman soldier. They'll learn about Julius Caesar, Claudius Caesar, the Celts, Picts. 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 one indoor and one outdoor P.E session per week. For this term, pupils will use a range of balls to develop their understanding of different throws, improve their hand eye coordination skills and develop their confidence when using different equipment. We will then explore defence tactics. In our indoor sessions, we will be refining different balances and movements, with and without apparatus. Pupils are expected to wear their P.E Kits to school, on their allocated PE days.

### Music

Over the course of the year pupils will be learning to play the steel pans. Pupils will continue to develop their use of musical notation and reading rhythms. Pupils will use this knowledge to take part in chair drumming and other rhythmic ensembles. We will listen to a variety of music from various cultures and traditions and compose taking inspiration from these. Children will develop their vocal and performance skills, recording their performances and identifying strengths and weaknesses

<u>Other Information</u>	<u>Useful Days To Remember</u>	<u>Homework</u>
<b>Constable Class</b> Miss Bolter and Miss Ayub	PE – Tuesday and Wednesday	Homework should be 20 mins each day, Monday to Thursday. This should include reading, completing activities on Spelling Shed and Times Tables Rockstars.
<b>Kandinsky Class</b> Mrs Middleton and Mrs Ruddell	PE – Tuesday and Thursday	
<b>Turner Class</b> Mrs Loi, Mrs Harrison and Mrs Tierney	PE – Monday and Thursday	