

Science

Living Things and Habitats

Children will be able to describe the difference in the life cycle of a mammal, an amphibian, an insect and a bird.

Children will describe the life process of reproduction in animals.

Working scientifically

Children will plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.

Children will take measurements using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.

Maths

Children will count forward and backwards in steps of powers of 10 for any given number up to 1 000 000. Children will be able to add and subtract whole numbers with more than 4 digits, including multi-step problems using formal written methods. They will be able to recognise the per cent symbol and write percentages as a fraction and as a decimal. They will also be able to multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.

French – Feelings and comparison

Children will recognise and use vocabulary to say how you are feeling (avoir expressions) They will recognise and use vocabulary to describe life in an African Tribal village.

Children will understand, ask and answer questions about where you live and what languages you speak.

Children will link sentences with *parce que*, *puis* and *car*.

Children will be able to recognise superlatives such as *le plus petit*, *le plus jeune*, *la plus belle*.

They will revise nasal sounds *an*, *am*, *en*, *em*.

Year 5 children will learn contrasting phonemes for words ending in *eil*, *ail* and *ille*, such as *soleil*, *travail*, *gorille*.

Music

Make you feel my love - Adele

Children will listen to and appraise ballads. They will learn the song and add their own interpretations and improvisations using a variety of musical instruments.

AUTUMN 2 – 2018

Year 5



English

Children will study A Christmas Carol as part of our literary heritage unit. They will explore the text in detail and write in the style of the author to complete sections of the stories. Children will also take the plot and theme from the text to plan and write their own contemporary version of the story.

Children will write a diary entry describing a day in the life of a Victorian school child, which is linked to our Victorian history topic.

Children will write a biography on Neil Armstrong, based on learning from the previous half term.

History - Victorians

Children will develop secure knowledge and understanding of British History in a chronological order.

They will note connections, contrasts and trends over time and develop the appropriate use of historical terms.

Children will understand change, cause, similarities, differences and significance of historical events by answering and asking questions.

Children will understand how knowledge of the past is interpreted from a range of sources.

Design and Technology Moving Toys (Structure)

Children will apply their understanding of how to strengthen, stiffen and reinforce more complex structures.

They will evaluate their finished product against their original criteria and suggest ways that their toy could be improved.

PSHE & Citizenship

Bullying Awareness

Children will be able to recognise and express a variety of emotions, including jealousy, anger, excitement and worry. They will develop strategies and skills to cope with such feelings and with changing moods.

Year 5 children will be able to recognise their strengths and weaknesses and to cope with success and making mistakes.

Children will identify their special people and describe how their networks have changed and developed.

They will understand the differences between good friends, boyfriends and girlfriends.

Children will understand what is involved in belonging to and being left out of a group, as well as characteristics of a good leader. Children will recognise some of the peer pressures and influences of being involved in a group.

Year 5 children will learn about different types of bullying, why it happens and its effects on people.

They will develop strategies to deal with bullying and stop it happening.

Children will be able to respond assertively to teasing and bullying.

Children will be able to describe their personal effectiveness and set realistic goals

Religious Education Christianity and Buddhism

Children will develop religious vocabulary to describe some key features of religions such as Buddhism and Christianity. They will learn about key religious beliefs ideas and teachings. Children will be able to identify the significance of objects and people within religious practices and lifestyles.

Children will explore the difference between sacred and secular Christmas.

They will ask questions about matters of right and wrong and suggest answers which show understanding of moral and religious teachings.

Physical Education Rugby and Gymnastics

Children will use running, jumping, throwing and catching in isolation and in combination.

They will play competitive games, modified where appropriate, for example volleyball and rugby and apply basic principles suitable for attacking and defending.

Year 5 children will develop flexibility, strength, technique, control and balance.

They will use a range of movement patterns and demonstrate improvement to achieve their personal best.

Children will engage in competitive sports and activities with other schools.

Computing – Digital Literacy

Children will select, use and combine a variety of software (including internet services) on a range of digital devices. They will design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Year 5 children will design and make a train (Links to Victorian theme).

Bringing Learning to Life

Royal Observatory

We will visit the Royal Observatory and the children will have the opportunity to learn more about the previous terms Science unit, Earth and space. They will learn about the formation of the planets and the universe.

We will also visit the Royal Maritime Museum to gain a greater understanding of the travels of some of the world's most famous explorers.