

Science – Forces

Children will be able to explain that unsupported objects fall towards the Earth because of the force of gravity acting between Earth and the falling object.

They will identify the effects of air resistance, water resistance and friction that act between moving surfaces.

Year 5 children will recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have greater effect.

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.

Religious Education

The importance of Jesus and Moses

Children will learn about the faiths of Judaism and Christianity through beliefs, practises, prayer and reflection.

They will understand Passover and Easter and what they have in common.

Children will understand the importance of the book of Exodus to Jews.

French – Les Vetements (clothes)

Children will explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words.

They will engage in conversations; ask and answer questions.

Children will speak in sentences, using familiar vocabulary, phrases and basic language structure.

They will develop accurate pronunciation and intonation.

Children will present ideas and information orally to a range of audiences.

They will understand basic grammar, including feminine, masculine and neuter forms and the conjugation of high-frequency verbs.

Music – The Fresh Prince of Bel Air

Children will listen and compare Hip-Hop songs. They will answer questions using musical terminology.

Children will compose a backing song to the one studied and perform to others.

SPRING 2 Year 5



English

Children will write a mystery story focussing on building suspense and tension. Children will use description and figurative language to engage the reader.

Children will write a rap about Brazil. They will listen to, read, and respond to raps.

Children will then experiment with writing their own rap poem based on Brazil.

History – Tudors

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 Food

Children will celebrate culture and seasonality by making food from Brazil which is linked to our geography topic.

They will develop their skills in planning, designing, making and evaluating. Children will develop knowledge of cooking and nutrition.

PSHE & Citizenship Keeping Safe and teamwork

Children will understand the responsibilities adults have for children and how children begin to take some responsibility themselves.

They will develop an understanding of situations that might encompass risk (travelling, alcohol related situations) Children will consider how they view themselves in risky situations.

Year 5 children will understand how self-confidence and assertiveness can help to keep themselves safe.

They will develop an understanding of situations where adult and / or peer support might be beneficial in avoiding risk. Children will discuss and gain a greater understanding of the benefit and importance of teamwork.

Maths

Children will identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.

They will compare and order fractions whose denominators are all multiples of the same number.

Children will read and write decimal numbers as fractions (for example, $0.71 = \frac{71}{100}$) recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.

They will recognise the per cent symbol (%) and understand that per cent relates to "number of parts per hundred", and write percentages as a fraction with denominator 100, and as a decimal.

Physical Education Netball and Dance

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

They will play competitive games and apply basic principles suitable for attacking and defending.

(Dance)

Children will perform dances using a range of movement patterns Children will compare their performances with previous ones and demonstrate improvement to achieve their personal best.

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

Bringing Learning to Life

Children will learn about Brazilian food through their home learning and our design and technology project.

Computing - Robotics and Systems

Children investigate automated systems in the wider world and the use of sensors within them.

They will create, test, debug and refine algorithms, pseudocode and the related programs using sequence, selection, repetition and variables.

Children will program physical devices, controlling inputs and outputs, relating to their study of automated systems.