

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 to Christians

Children will learn why the celebration of Easter is important to Christians today.

Through drama and role play, children will retell the story of Easter and consider events leading up to Easter; including the last supper and Maundy Thursday.

French- I am the Music Man

Children will recognise and use the core language for describing instruments and some genres of music. Children will listen to music by French composer Saint Saens and appraise it.

Children will recognise and understand words in a story, song and animation.

Music

Fresh Prince of Bel Air

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

Children will perform their improvisations to the rest of the class.

SPRING 2 - 2017 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.

Geography – South America

Children will locate the world's countries, using maps to focus on Europe (inc. Russia) and North and South America. They will concentrate on their environmental regions, key physical features and human characteristics, counties and major cities.

They will understand the distribution of natural resources, including energy, food, minerals, water Biomes and vegetation belts.

Children will be able to use maps, atlases, globes and digital / computer mapping to locate countries and describe features studied.

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

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.

They 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.

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 Basketball and Dance

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

They will play competitive games e.g. cricket and rounders (modified where appropriate) and apply basic principles suitable for attacking and defending.

Children will develop flexibility, strength, technique, control and balance To perform dances using a range of movement patterns

Children will compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Children will take part in outdoor and adventurous activity challenges both individually and within a team

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 – IT Research, design and create

Children will be able to select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content.

They will accomplish given goals including collecting, analysing, evaluating and presenting data and information.

Children will use the **purple mash** program.

Children will produce a computer game linked to something that they have learnt this year.