SPRING 2 - 2017
Year 5

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 – Hare and the Tortoise (adjs)

Children will recognise and use the core language for describing people and some animals. They will understand, use and respond to: Quelle heure est-il? Tue s comment? Elle est comment? Children will recognise and understand words in a story, song and tongue-twister. They will recognise and understand the use of adverbs. Year 5 children will become familiar with the circumflex accents of a/o, they will reinforce vowel sounds and compare ou and u.

Music

Children will sing and play from real notation.
Children will understand the features of the Romantic Period.
Children will improvise fluently using known rhythms (percussion).
Children will develop faster xylophone playing technique.

English

Our English this half term will be linked to our Tudor history topic.

Children will write a letter to King Henry VIII to persuade him not to be-head Ann Boleyn.

Children will explore a range of Shakespeare plays and focus in depth on one particular play. Children will learn through drama and develop a good understanding of the play.

Children will also have the opportunity to take part in a workshop to deepen their understanding of Shakespeare's work.

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.

Art – Artist
Leonardo da Vinci

Children will use sketch books to record observations and use them to review and revisit ideas.
They will improve their mastery of art techniques, including drawing and painting with a range of materials.
Children will learn about Leonardo da Vinci in History.

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 = $^{71}/_{100}$) 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 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.

Computing – Coding

Children will use sequence, selection and repetition in programs; work with variables and various forms of input and output.
They will use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Bringing Learning to Life

Hampton Court

Children will have the opportunity to explore the Tudor palace and take part in a workshop to support their learning about the Tudors.

They will develop an understanding of concepts such as the expansion of the Tudor empire.

They will focus on locating world countries on maps, as well as using drama to rein act Tudor celebrations.

Children will study objects to develop their understanding of Tudor expansion and exploration.