

Science

Animals including Humans (human circulatory system, diet and exercise)

Children will identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. They will recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.

They will describe the ways in which nutrients and water are transported within animals, including humans.

Working scientifically

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

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.

French Le Montre Magique (fruit, life cycles)

Children will recognise and use fruit and artistic vocabulary
They will understand, use and respond to: Quelle est ta date de naissance? Quelle est la date de ton

anniversaire? Quelle est ta couleur préférée? Quel est ton fruit préféré?
Aimes-tu peindre?

They will understand and use Je suis/Il/Elle est né(e)

They will recognise and understand how to form the je, tu, il and elle forms of –er verbs in the present tense

They will recognise and understand use of imperatives (tu form)

They will explore the phoneme family é, er, es, ez
They will recognise and compare the hard sounds c, k and que with soft sounds ce and ç

They will be familiar with dates and high numbers
They will understand the use of pronouns il/elle used for 'it'

They will revise adjective agreement and position

SPRING 2 - 2017 Year 6



English

Persuasive writing- Children will construct and argument to persuade others of a point of view and present the case to the class or a group.

Take one book- Children will study a book to demonstrate the written objectives covered throughout the units this term.

History The Tudors

Children will develop a chronologically secure knowledge and understanding of British History.

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

They will start to understand change, cause, similarity, difference and significance of historical events by answering and asking questions.

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

D and T - Food

Children will celebrate culture and seasonality (including cooking and nutrition requirements for KS2).

They will use research and develop design criteria to inform the design of innovative, functional, appealing products.

They will select from and use a wider range of tools and equipment to perform practical tasks for example, cutting, shaping, joining and finishing, accurately

They will investigate and analyse a range of existing products .

They will evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
To understand how key events and individuals in design and technology have helped shape the world.

PSHE

Growing and Changing

Children will learn about how the changes during puberty affect the body, including in relation to hygiene

They will recognise some of the effects of growing up and puberty on their emotions and relationships.

They will also be able to verbalise concerns and questions about physical and emotional change.

Music

Children will understand and respond to music from the Nationalist Period.

Children will sing and play songs in minor keys.

Bringing Learning to Life Maths and DT

Children will develop their understanding of measure, and measure conversions, through D and T. They will understand how ratio and proportion can be used in real life situations to scale up and scale down recipes.

Science

Children will gain a greater understanding of the circulatory system through drama.

Religious Education - Judaism

Passover – Moses (Judaism)

Easter- Jesus, the events of Holy Week (Christianity)

Common themes

Children will analyse stories of the lives of key religious people, the significance of these in their own lives and in the lives of believers today;

Children will use and interpret information about religions from a range of sources;

Children will understand how religious festivals are related to key figures, events and stories and how these are observed within families and religious communities; They will learn about religious festivals which share common themes, but which have meaning unique to each faith;

They will learn about the way verbal and non non-verbal symbolic expression and action are used to convey meaning, particularly in religious contexts; including sacred texts.

Physical Education Basketball

Dance- Environmental

Children will learn to 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

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

They 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.

Maths

Children will develop strategies to solve problems involving:

- Number and place value, including negative numbers.
- Addition, subtraction, multiplication and division, including the order of mathematical operations.
- The relative sizes of two quantities where missing values can be found using integer multiplication and division facts.
- Unequal sharing and grouping using knowledge of fractions and multiples.

Children will use written division methods where the answers has up to 2 decimal places.

They will recall and use equivalences between fractions, decimals and percentages.

Children will develop their understanding of simple formulae, generate and describe linear number sequences.

Children will express missing number problems algebraically.

Children will learn how to use measuring equipment, including protractors to draw 2D shapes using given dimensions and angles accurately.

Children will be able to recognise, describe and build simple 3D shapes using nets.
They will develop skills to classify shapes using their mathematical properties.