

## Science Electricity

### Year 4 – Animals, including Humans

Children will describe the simple functions of the basic parts of the digestive system in humans. Identify the different types of teeth in humans and their simple functions.

They will construct and interpret a variety of food chains, identifying producers, predators and prey.

#### **Working scientifically**

Children will ask relevant questions and use different types of scientific enquiries to answer them.

They will gather, record, classify and present data in a variety of ways to help in answer questions. Children will record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.

They will identify differences, similarities or changes related to simple scientific ideas and processes. Children will ask relevant questions and using different types of scientific enquiries to answer them.

They will set up simple practical enquiries, comparative and fair tests and make systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers.

## French

### L'argent de poche! (Pocket money)

Children will listen attentively to spoken language and show understanding by joining in and responding.

Children should explore patterns and sounds of language and link the spelling, sound and meaning of words.

Children will engage in conversations, ask and answer questions, and express opinions and respond to those of others.

Children should speak in sentences, using familiar vocabulary, phrases and basic language structures.

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

Children should read carefully and show understanding of words by writing simple phrases.

## SPRING 2 - 2018 Year 4



## English

**Poetry – Riddles** - the children will focus on their speaking and listening skills.

**Narrative – Story settings** – the children will write a narrative based on a setting.

### Assessment Week

## PSHE & Citizenship Growing and Changing

Children will know how to look after their own body including the teeth.

They will understand how to keep themselves clean.

They will know that bacteria and viruses can affect health and that transmission may be reduced when simple, safe routines are followed.

Children will understand how their body is growing and changing.

They will know about menstruation and how to cope with periods in school.

They will be aware of differences between males and females.

Children will begin to develop an understanding of how perceptions of being grown up are formed.

They will understand a range of ways growing up will affect your relationship with siblings, and parents, e.g. more responsibilities, the need for privacy etc.

## Maths

Children will use appropriate mathematical skills to solve a problem.

They will learn how to organise work, looking for ways to record systematically and check as proceed.

They will draw mathematical models to support visualisation of problems.

Children will use a structured approach to tackle the problem (devise a plan).

## Human & physical geography of a region in UK

Children will locate areas on a map.

They will use geographical vocabulary and identify land use

Children will learn how the features of localities influence the nature and location of human activities.

They will consider the quality of an environment.

Children will identify the key similarities and differences between xxx and Watford/Abbots Langley.

## Religious Education

### Sikhism and what it means to belong to a religion

Children will learn why it is important to share food and how food is shared as part of Sikh and Christian worship and how Jesus shared his last supper.

They will understand the significance of their own religious, cultural and family traditions and how these relate to the experiences of others.

They will learn about places of religious importance and the way each place is used, its meaning and significance.

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

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

## Computing – Computer Science Coding

Children will design, write and debug programs that accomplish specific goals.

They will solve problems by decomposing them into smaller parts

Children will use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

## Physical Education

### Games – Striking and Fielding games

Children will play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending

### Dance – Electricity

Children will perform dances using a range of movement patterns

## Music

Children will play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.

Children will improvise and compose music for a range of purposes using the inter-related dimensions of music.

Children listen with attention to detail and recall sounds with increasing aural memory.

Children will use and understand staff and other musical notations.

## Design and Technology Electrical and Electronics – design and build a circuit that lights up.

Children will make decisions with regard to the type of circuit they will design and make.

They will make a model of their intended circuit and make modifications as they go along.

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

## Bringing Learning to Life

Children will participate in a house dance competition.

Children will make a torch to take with them on the residential trip.