

English

Reading: To read aloud accurately books that are consistent with their developing phonic knowledge and that do not require them to use other strategies to work out words
To listen to and discuss a wide range of poems, stories and non-fiction at a level beyond that at which they can read independently
Writing: Write from memory simple sentences dictated by the teacher that include words using the GPCs and common exception words taught so far.

Science

Nutrition and digestion
To learn about the content of a healthy human diet: carbohydrates, lipids (fats and oils), proteins, vitamins, minerals, dietary fibre and water, and why each is needed .
To learn about the calculations of energy requirements in a healthy daily diet
To learn about the consequences of imbalances in the diet, including obesity, starvation and deficiency diseases .
To learn about the tissues and organs of the human digestive system, including adaptations to function and how the digestive system digests food (enzymes simply as biological catalysts).
To learn about the importance of bacteria in the human digestive system.

ICT

To learn to use two or more programming languages, at least one of which is textual, to solve a variety of computational problems; make appropriate use of data structures [for example, lists, tables or arrays]; design and develop modular programs that use procedures or functions.

RE

To learn about Christianity
To learn about Islam
To compare the two and understand the similarities.
To understand the differences.

PE

Basketball
Learning to pass.
Learning to dribble.
Learning to shoot.
Learning team defence.
Learning team offence.
Learning to play a game.

History/

The Norman Conquest
To learn about chronology and where the Norman Period fits into it.
To learn to compare the rival claims to the throne in 1066
To learn about significant events in British History – The Battle of Stamford Bridge, The Battle of Hastings and the creation of the Domesday Book.
To learn why the Normans built so many castles.

Maths

To learn to count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
To learn to count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens.
To learn to Identify, represent and estimate numbers using different representations, including the number line
To learn Use place value and number facts to solve problems.
To learn Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.

PSHCE/Citizenship

The development of the political system of democratic government in the United Kingdom, including the roles of citizens, Parliament and the monarch.

Music

To play and perform confidently in a range of solo and ensemble contexts using their voice, playing instruments musically, fluently and with accuracy and expression.

Forest school/Selp

To be able to interact with others.
To be able to work independently.
To be able to focus and pay attention.

Mercury Topic Web - Experiment on a bird in an air pump

Geography

To extend their locational knowledge and deepen their spatial awareness of the world's countries using maps of the world to focus on Africa focusing on their environmental regions, including polar and hot deserts, key physical and human characteristics, countries and major cities.
To learn about human geography relating to: population and urbanisation; international development; economic activity in the primary, secondary, tertiary and quaternary sectors; and the use of natural resources.
To understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems.

ART

To learn to use a range of techniques to record their observations in sketchbooks, journals and other media as a basis for exploring their ideas.
To learn to use a range of techniques and media, including painting.
To learn to increase their proficiency in the handling of different materials.
To learn to analyse and evaluate their own work, and that of others, in order to strengthen the visual impact or applications of their work about the history of art, craft, design and architecture, including periods, styles and major movements from ancient times up to the present day.