

# Year 5 - Autumn Term Curriculum Information

Please find below the learning focus and skills your child will be taught this term. Your discussions at home will really help your child's learning.

## English

**Speaking and Listening-** Be able to speak with fluency and expression for different purposes.

**Reading-** To retrieve and record information from a non-fiction text. Understand what they read by identifying how language, structure and presentation contribute to the meaning of a text.

**Writing-** To create a range of descriptive texts, using description in non-chronological reports and explanation. To create their own mystery and action stories. Understand and apply a range of grammatical conventions.

## Mathematics

Tables practice of all multiplication and division facts to 12 x 12. Read, write and compare numbers up to 1 million. Be able to add and subtract numbers with more than four digits and answer more complex problems in context. To practise mental methods of multiplication and division as well as using formal written methods with larger numbers. To learn how to use written methods of addition, subtraction, multiplication and short division and apply these to a wide range of reasoning and problem solving activities.

## Science

**Living Things/Habitats**— Study the life cycles of different types of animals and plants. Investigate the changes in humans from birth to adult.

**Materials and their properties**— We will learn about the properties of everyday materials, how things dissolve in liquids, separating mixtures and investigating whether changes are reversible or irreversible.

## Computing

**Coding**—This term children will begin to develop an understanding of the relationship between values used in code and the action of the object they relate to.

Children will consolidate their understanding of variables and how they can be used in code, fix and debug. They will learn that the value of a variable can be programmed to generate randomly and change in response to an event or at set time intervals.

## History

**The Ancient Egyptians**— investigate Ancient Egypt and their way of life. Learn about the beliefs and traditions of the Egyptians including the building of the pyramids and the hieroglyphic method of communication. This topic will be used to form the basis of other cross curricular links including English and Art.



## Art

**3D Sculpture**— consider the different functions of containers. They will look at the work of contemporary craftspeople and consider patterns and designs. With a focus on our history topic we will use this research to investigate containers used in Ancient Egypt. We will use clay to make and adapt our own Egyptian canopic jars after learning about their purpose in historical times.

## Design and Technology

**Cooking**—We will research a range of different bread based products, looking at the importance of a healthy diet. We will use scales to weight and measure the ingredients for our own bread product. After making the product we will think about how we could package and sell it and finally evaluating our products against our original design criteria.

## PSHE

**Health and Wellbeing**— We will learn about the importance of having high aspirations and feeling valued as a part of a community. We will discuss our feelings and how and why these change regularly. As a class we will also discuss bereavement and grief and how emotions and life can be affected by this.

## P.E

**Games**— use and practice a range of skills involved in contact sports. These will involve dribbling, passing and foot-work and we will apply these skills to team games.

**Swimming**—To visit the swimming pool and develop water confidence and basic swimming strokes.

## Music

**Cyclic Patterns**—investigate rhythmic patterns and tempo (speed) in music. They will learn about how this can be done using hand drums. The children will perform and evaluate.

**Songwriter**— We will investigate a range of different songs with a focus on the lyrics, melodies and how they are performed. We will then use this knowledge to create and perform our own songs.

## R.E

**Islam**— We will study the Islamic religion. Consider the life of Muhammad and the teachings of the Qur'an and what this means to Muslims. Read and discuss the importance of Islamic prayers and understand the 5 Pillars of Islam and their significance to Muslims.

## French

**Salut, Gustave**— learn how to use simple greetings and give personal information., Talk about brothers and sisters as well as being able to say what people are like.

**A l'école**— learn associated vocabulary for school subjects giving their opinions. They will talk about the activities of the school day.

Please note that in most cases your child will be covering these topics as part of the creative curriculum. Links will be made across a number of subject areas. Depending on the level your child is working at, some of the objectives, particularly for English and Maths, may alter.