

## History

### Ancient Egyptians

In this unit, children will study the key beliefs of people that lived in ancient Egypt, identifying the significance that religion and beliefs had on how people lived and the impact this had on their actions. Children will also have the opportunity to explore what lives were like for different groups within the social structure, considering the significance and importance of the River Nile on these people, before exploring the reliability of sources of evidence from ancient Egypt as well as how they can be interpreted.

## Geography

### Rivers and Coasts

The aim of this unit is to develop an enquiry to nurture pupils' fascination with and curiosity of rivers particularly in the area of Church Stretton and Carding Mill Valley. Children will learn how rivers are formed, their different stages and the impact they have on the areas surrounding them.

The children will use simple fieldwork and observational skills including the use of maps, observation and field sketches to study the geography of this area focusing on its main physical geographical features- river and valley and how they might be changing. They will think about how the land is used and aspects that they like / dislike suggesting how it might be improved. They will present their learning in different ways which can be compared to the other areas studied

## RE

### Creation and Science

In this unit children will study the importance of the creation story within the bible and they will begin to make clear connections between what Genesis suggests compared with how Christians and other communities interpret it. Children will weigh up how far the Genesis I creation narrative is in conflict, or is complementary, with a scientific knowledge.

### Was Jesus the Messiah?

During this unit, children will explain the place of incarnation and Messiah within the 'big story' of the Bible. They will identify Gospel and prophecy texts using technical terms, and explain connections between them.

## Art and Design

### Sculpture

In this unit, children will explore the works of Henry Moore and Barbara Hepworth. They will find out about these artists, and compare and contrast their work. Children will build up a bank of sketched observations and use these to develop their own ideas. In relation to their learning in history, children will then use their learning to create an Egyptian sculpture in the style of Henry Moore. They will refine and develop their skills when working with clay, and then evaluate their own and each other's work.

## Design Technology

### Designing and Making a Keyring

In this unit, children will have the opportunity to explore using Tinker CAD – a web app used for 3D design, electronics and coding. They will further use their skills to then design and make a keyring, linked with the Egyptians, before creating it using a 3D printer.

## PE

Dance

Swimming

Year 6

Autumn

## Computing

### Intro to Python

Children will use coding and loops to create their own algorithms linked with Mondrian's art work.

### Big Data I

Children will learn about infrared and Radio Frequency Identification and how they transmit data.

## Science

### Electricity

In this unit of learning, children will consolidate knowledge of materials, which are electrical conductors, extend understanding of ways in which the brightness of bulbs or speed of motors in a circuit can be changed and develops their understanding of the value of using conventional symbols for components within electrical diagrams. This unit provides opportunities for children to carry out a complete investigation relating to electric circuits. Work in this unit also offers opportunities for relating knowledge and understanding of electricity to familiar phenomena.

### Investigating Light

In this unit of learning children will investigate mirrors and shiny surfaces and how they alter the direction in which light travels and that when they see objects, light enters the eye. Children contrast reflection and shadow formation. Work in this unit also offers opportunities for children to investigate first hand refraction, colours of light and the making of a periscope. Science learning will include also the works of key scientific figures like the British scientist Isaac Newton and invention of the first reflecting telescope.

## Personal Life Skills (PSHE and RSE)

### Relationships

In this unit of learning, children will learn about what it means to be attracted to others, looking at a range of relationships including romantic relationships; civil partnership and marriage. Children will also have the opportunity to recognise and find strategies to manage pressure and understand what consent can look like in different situations. They will also learn how to express opinions in respectful ways and respect other points of view, including discussing topical issues such as forced marriage.