



## Year 5 Summer 1

### Knowledge Organiser



**Science** We will learn about changes as humans develop to old age.

#### Key Knowledge

- Humans are mammals which change and grow.
- Before a baby is born it is called a foetus. This looks different as it grows.
- When babies are young, they grow rapidly. They are very dependent on their parents. As they develop, they learn many skills.
- Animals have something called a 'gestation period', which is how long it takes for a baby to be ready to be born.
- Humans experience lots of different changes when they reach old age.
- Animals have a 'life expectancy' which is how long a member of the species lives on average.

#### Key Vocabulary

Human  
Development  
Baby  
Mass  
Toddler  
Teenager  
Child  
Adult  
Gestation

**History** Children will be learning about a non-European society, The Ancient Maya. They will be comparing this with British history.

#### Key Knowledge

- The Maya were a civilisation who lived in Central America between approx. 2000BCE and 900CE.
- They built spectacular monuments and stepped pyramids—some (e.g. Chichen Itza) have become world tourist destinations in the modern day.
- The Maya worshipped different nature gods, including gods of the sun, moon, rain and corn.
- The Maya created farmland by cutting away the trees and vines of the surrounding rainforest.
- The Maya people also used more advanced farming methods, such as irrigation and terracing, to help produce food.
- The Maya people built sewer systems and there was even running water in the wealthiest people's homes.
- Historians remain uncertain why the Maya civilisation ended but agree that a significant factor was probably drought.

#### Key Vocabulary

Artefact  
Civilisation  
Drought  
Dynasty  
Empire  
Maize  
Temple  
Tomb

**Art**— Children will be looking at the art of Peter Thorpe.

- Peter Thorpe is an American illustrator and designer.
- Abstract art is a painting or sculpture that does not show a real person, place or thing in the natural world.
- Peter Thorpe used abstract art in the background of his work and then paints a space feature in the foreground.

#### Key Vocabulary

Abstract  
Paint pallet  
Canvas  
Background  
Foreground

**D.T.—** Children will be adapting an existing recipe to make it healthier

- The process of 'Farm to fork' of beef, details how food arrives on plate.
- There are many ethical questions about this process.
- Recipes can be made healthier by substituting ingredients.
- Nutritional calculators can be used to see how healthy a food option is.

**Key Vocabulary**

beef  
reared  
processed  
ethical  
diet  
ingredients

**R.E—**How has art and music changed in religious communities across the world throughout history?

**Key Knowledge**

- Rangoli patterns are bright, colourful and beautiful designs that are associated with Diwali.
- Mandalas can be used in different cultures for different purposes, including both spiritual and artistic

**Key Vocabulary**

rangoli  
stained glass windows  
mandala

**Music**-We will be looking at musical theatre

**Key Knowledge**

- Explain what musical theatre is and be able to recall at least three features of this kind of music.
- Categorise songs as action songs or character songs.
- Select appropriate existing music for their scene to tell the story of a journey.
- Perform in time with their groups, ensuring smooth transitions between spoken dialogue, singing and dancing.

**Key Vocabulary**

- action song
- backdrop
- book musical
- character song
- choreographer
- composer
- costumes
- designer
- dialogue

**Other relevant information for this half term**

**English**—This half term, our writing will mainly focus around the rainforests

**Spelling**—Children need to continue to practice the spellings they receive in their homework. We will be learning the spelling rules for these words each week.

**Reading**— Children need to read at home and have their reading diaries signed 5 times a week. Any children who do not consistently read at home, will read in Catch Up Club on a Friday.

**Maths**—We will be looking at decimals, negative numbers and converting units of measurement.

**PE**—PE will mainly be outside, weather permitting. PE will be on a Tuesday however this can change from week to week. Children's PE kits should be in school every day and this includes joggers/leggings for colder days.

**Homework**— Homework will be sent home on a Friday to be returned the following Wednesday. Children who do not complete their homework will need to attend Catch Up Club.