

## Knowledge Outcomes

Life cycles of animals differ between species (mammal, amphibian, insect, bird).  
Reproduction is necessary for plants and animals to continue to survive through generations.  
**Challenge:** Environmental conditions can affect the life cycles of similar species in different places.

## Strength Lies in Difference

Understand the difference between being non-racist and an anti-racist.  
Be familiar with these key terms and understand their meaning: *Discrimination, Wealthy, Society, Perception, Stereotype, Heritage, Ethnicity, Identity, Justice, Injustice*  
Understand who Stephen Lawrence and George Floyd were and how they died  
Understand what injustice means and how this relates to their deaths  
Understand how the deaths of Stephen Lawrence and George Floyd both impacted on communities / the world and changed the status quo  
Understand the shared challenges faced by Black and Asian people not only in the UK but in other parts of the world  
Understand the importance of heritage and how their heritage and that of others is something to be celebrated.

## English / Mathematics

*Please see termly Success and Challenge cards*

## Physical Development

### Sports Day practise

Display an understanding of fair play, working well with others and leading a medium sized group  
Utilise new skills in competitive situations, as an individual or part of a team  
Utilise knowledge of technique to perform at an optimum level in different types of throw, jump and run

## Personal, Social and Emotional Development

### PSCHE: How can we help in an accident or emergency?

Learn how to carry out basic first aid including for burns, scalds, cuts, bleeds, choking, asthma attacks or allergic reactions  
Know that if someone has experienced a head injury, they should not be moved  
Know when it is appropriate to use first aid and the importance of seeking adult help  
Understand the importance of remaining calm in an emergency and providing clear information about what has happened to an adult or the emergency services

### R.E.: Hinduism - Do beliefs in Karma, Samsara and Moksha help Hindus lead good lives?

Understand the impact of certain beliefs on a Hindu's life.  
Start to express my own views about life after death.  
Compare Hindu and Christian beliefs relating to life after death and tell you how these make a difference to believers' lives.  
Express my own views about Hindu beliefs and whether they make sense to me or not.

## SUMMER TERM 1

### Objectives

### Green Fingers – Science theme Year 5

## Expressive Art and Design

### DESIGN AND TECHNOLOGY:

Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques  
Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities  
Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups

### MUSIC:

Listen to and discuss a range of musical pieces from the Baroque period  
Identify the style and instruments commonly used in Baroque pieces  
Learn about the work of classical composers (e.g. Vivaldi)

## Understanding of the World

### GEOGRAPHY:

Name and locate counties of the UK, geographical regions and their identifying human and physical characteristics, key topographical features and land-use patterns, and understand how some have changed over time.

Describe and understand key aspects of physical geography – climate zones, vegetation belts, mountains.

Describe and understand key aspects of human geography – types of land use, distribution of natural resources (energy).

Use maps, atlases, globes and digital mapping to locate the countries and features studied.

### SCIENCE: Animals including humans

Describe the changes as humans develop to old age.

### COMPUTING: iCrypto

Understand that messages can be sent and received secretly

Learn encrypt/decrypt simple messages

Understand signalling is a form of communication

Communicate simple messages through signals

Understand that messages can be sent electronically over distances

Understand that data can be transmitted as binary (on or off)

Encode and decode Morse code

Understand that messages have been encrypted/decrypted throughout time

Encode/decode messages using a simple shift cipher

Understand the algorithm of a simple shift cipher

Use frequency analysis to decipher encrypted text

Understand the importance of cryptography historically and today

Understand how the Enigma Machine operates

## Languages – French

### Describing People

Revisit of body parts

Ask and answer questions in French to find out personal information

Describe a person of their choice including what they look like and what they are wearing – use 3rd person