

Knowledge Outcomes

Life cycles of animals differ between species (mammal, amphibian, insect, bird).
Know mammals give birth to live offspring, whereas birds produce eggs.
Know amphibians and many insects undergo metamorphosis – frog, butterfly, mosquito, newt
Know plants reproduce by producing seeds and processes such as pollination allows new plants to grow
Reproduction is necessary for plants and animals to produce offspring so their species can 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 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

Included on the termly Success and Challenge cards

Physical Development

Orienteering

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: What decisions can people make with money?

Know how people make decisions about spending and saving money and what influences them
Know how to keep track of money so people know how much they have to spend or save
Understand how people make choices about ways of paying for things they want and need (e.g. from current accounts/savings; store card/credit cards; loans)
Know how to recognise what makes something 'value for money' and what this means to them
Understand that there are risks associated with money (it can be won, lost or stolen) and how money can affect people's feelings and emotions

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 Year 5

Design Technology

Use research and design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
Generate, develop, model and communicate their ideas through discussion, annotated sketches, and prototypes
Select from and use a wider range of tools and equipment to perform practical tasks
Select from and use a wider range of materials and components, including textiles according to their functional properties and aesthetic qualities
Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

Understanding of the World

Science: Living things and their habitats

Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
Describe the life process of reproduction in some plants and animals.

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

Expressive Art and Design

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)