

Living things and their habitats

- Explore and compare the differences between things that are living, dead, and things that have never been alive
- Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- Identify and name a variety of plants and animals in their habitats, including micro- habitats
- Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

Plants

- Observe and describe how seeds and bulbs grow into mature plants
- Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

Animals including humans

- Notice that animals, including humans, have offspring which grow into adults
- Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
- Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

Uses of everyday materials

- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses

History

- Changes within living memory. These should be used to reveal aspects of change in national life (
- Events beyond living memory that are significant nationally or globally: Great fire of London
- The lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods: George Stephenson and King Charles II (monarch during the Great Fire of London)
- Significant historical events, people and places in their own locality: George Stephenson and the invention of the railway

Art

- Understand how to create painting using poster paint and a range of colours and tones
- Understand how to use a variety of different medias to create a drawing that shows a range of tones
- Create sculpture using malleable materials
- Create a collage using various materials
- Know where colours go on a colour wheel and create these by combining different colours
- Artists and designers who use the different studied movements and techniques in their work

Religion and Worldviews

Religious KQ: Do religions unite their believers?

Worldviews KQ: To be a good person, does a follower need to obey all religious practices?

Religions to cover:

- Christianity
- Islam

Christianity:

Autumn 1 - Is it possible to be kind to everyone all the time?

Autumn 2 - Why do Christians believe God gave Jesus to the world?

Spring 2 - How important is it to Christians that Jesus came back to life after his crucifixion?

Islam:

Spring 1 - Does praying at regular intervals help a Muslim in his/ her everyday life?

Summer 1 - Does going to a mosque give Muslims a sense of belonging?

Summer 2 - Does completing Hajj make a person a better Muslim?

PE

Games - Autumn 1 - Rugby
Autumn 2 - Basketball
Spring 1 - Hockey
Spring 2 - Netball
Summer 1 - Tennis
Summer 2 - Football

Strength and movement -

Autumn 1 - Athletics - Throwing and catching
Autumn 2 - Dance
Spring 1 - Gymnastics - Balance and agility
Spring 2 - Dance
Summer 1 - Gymnastics - Strength and technique
Summer 2 - Athletics - Running and jumping

Health

- Understand the benefits of being emotionally and physically healthy.
- Begin to recognise emotions in themselves and others.
- Identify the importance of keeping active.

Lifeskills

- Families, friendships and relationships
- Understanding their place in the world
- Values
- Safety
- Physical Wellbeing
- Mental Wellbeing

DT

- Apply decorations such as running or over stitch to a product
- Create a moving picture using levers, sliders and simple pop ups
- Understand the stages of the design process
- Understand the need for a variety of food in a diet. Understand that all food has to be farmed, grown or caught.
- Understand how to create a variety of predominantly savoury dishes linked to your learning

Geography

Locational knowledge

- Name and locate the world's seven continents and five oceans
- Name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas

Place knowledge

- Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom (North East), and of a small area in a contrasting non-European country (North East USA) ** to link with railways and the Baltimore / Ohio railroad - first railroad in America.
- Identify the location of hot and cold areas of the world in relation to the Equator and the North and South Poles
- Identify the features of rivers, valleys and mountains
- Identify seasonal and daily weather patterns in the UK and the location of hot and cold areas of the world in relation to the Equator and the North and South poles.
- Compare what is the same and different when comparing two areas and more than one piece of information
- Use basic geographical vocabulary to refer to and know the main features of:
 - key physical features, including: forest, hill, mountain, ocean, river, soil, valley, vegetation, season and weather
 - Human features, relating to land use: factory, farm, house, office, port, harbour and shop

Music

- Use their voices expressively and creatively by singing songs and speaking chants and rhymes experiment with, create, play tuned (chime bars and untuned instruments musically)
- Select and combine sounds using the inter-related dimensions of music.
- Listen with concentration and understanding to a range of high-quality live and recorded music
- Experiment with, create, select and combine sounds using the inter-related dimensions of music.

Computing

- Digital Literacy – teaching of tailored skills and use these to complete outcomes that form animation, explanation and presentation
- Online Safety
 - Negative online interactions
 - Managing Online Information
 - Privacy and Security
 - Self-image and identity
 - Online reputation
 - Online relationships
 - Health, wellbeing and lifestyle
 - Copyright and ownership
- Coding: SPhero Indi and Sphero SPRK+ with use of the Sphero Jr. App