

# Year 5 Summer Term - 2024 - A European Region



## Science

Intent: describe the changes as humans develop to old age.

### SEQUENCE OF LESSONS

#### Animals Including Humans

1. Understand the human life cycle.
2. Explain changes that occur in humans.
3. Describe some characteristics that occur as humans get older.
4. To learn how lifestyle impacts ageing.
5. To understand variations in male and female changes.
6. To understand puberty as a time of rapid change.

#### Key Vocabulary:

Adolescence, adulthood, development, foetus, genitals, gestation, growth, hormones, independent, infancy, life cycle, life processes, mature, menopause, menstruation, offspring, organ, puberty, rapid, reproduction, toddler, vertebrate

Impact: Children can explain changes as humans develop to old age.

## Geography

Intent: To understand the Geography of a European Region.

### SEQUENCE OF LESSONS

1. The location of Europe and its countries.
2. Why tourists visit the Mediterranean.
3. The reasons why people migrate to Greece.
4. The features of Greece's varied landscape.
5. The main features of Athens.
6. To compare daily life in Athens with my own.

#### Key Vocabulary:

easterly, northerly, southerly, westerly, currency, migrant, retail, service industry, tourism, vegetation belt, Athens, Belgium, European Union, Germany, Greece, Mediterranean Sea

Impact: Children can understand the geography of a European Region.

## DT

Intent: children are able to describe and design a monitoring device.

### SEQUENCE OF LESSONS

1. To carry out research to develop design criteria.
2. To write a program to monitor the ambient temperature, including an alert.
3. To generate creative and unique micro:bit case, stand or housing ideas.
4. To learn about and practise 3D CAD skills.

#### Key Vocabulary:

monitoring device, electronic sensor, design criteria, development, inventor, thermoscope, thermometer, research, design, brief, vivarium, programming loop, programming comment, alert

Impact: Children will understand how to use a program to create a monitoring device.

## RE

Intent: To understand how Sikhs show commitment to their faith and how they are proud to visibly show this.

### SEQUENCE OF LESSONS

1. I can express why showing commitment to something may be a good thing.
2. I can describe different ways Sikhs choose to show their commitment to God.
3. I can explain why the three golden rules are important to Sikhs in how they show commitment to God.
4. I can explain why equality is important to Sikhs and is an example of how they show their commitment to God.
5. I can show an understanding of why people show commitment in different ways.
6. I can explain some of the ways you can continue to show commitment and how to keep going when facing a difficult challenge.

#### Key Vocabulary:

Waheguru,, Mool Mantar', ik onkar', The Guru Granth Sahib, Granthi

Impact: Children can recall and explain some ways that Sikhs show commitment to religion and compare to ways that they show commitment.

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## PSHE

Intent: To understand how to build positive healthy relationships.

### SEQUENCE OF LESSONS

1. How to build my self-esteem
2. How online communities may be unsafe, uncomfortable, helpful or unhelpful to me
3. Online games and how they may be unhelpful or unsafe
4. Screen time and how I can look after my health
5. How to resist pressure to use technology in a way that may be risky or harmful towards others

#### Key Vocabulary:

trustworthy, personal qualities, online community, age restriction, risky, peer pressure, privacy, settings, influences, settings

Impact: Children can understand how to build positive and healthy relationships.

## Computing

Intent: To understand how concept maps help to share ideas.

### SEQUENCE OF LESSONS

1. To understand the need for visual representation when generating and discussing complex ideas.
2. To understand the uses of a 'concept map'.
3. To understand and use the correct vocabulary when creating a concept map.
4. To create a concept map.
5. To understand how a concept map can be used to retell stories and information.
6. To create a collaborative concept map and present this to an audience.

#### Key Vocabulary:

concept, collaborate, concept map, story mode, node, connection, presentation mode

Impact: Children can understand how concept maps help to share ideas.

## PE

Intent: To learn and develop the skills and techniques needed in rounders and dance.

### SEQUENCE OF LESSONS

Striking and Fielding - Rounders

1. Batting and Bowling
2. Throwing and catching
3. Backstop and bases
4. Deep fielding
5. Tactics and Strategy
6. Playing a competitive game

Dance - Eco Dance

1. Energy
2. Electricity
3. Recycling
4. Weather
5. Oceans
6. Environmental Issues

#### Key Vocabulary:

catching, fielding, batting, bowling, striking, transitions, movements, spatial awareness, timings, fluency, sequences

Impact: Children can learn and develop the skills and techniques needed in rounders and dance.

## Music

Intent: To create and perform music inspired by 'Dancing in the Street' (Charanga).  
To explore Connect it - Anna Meredith  
Thumb piano - BBC ten pieces.

### SEQUENCE OF LESSONS

6 progressive steps (lessons) based on the following activities:

1. Listen and Appraise 'Make you feel my love'.
2. Warm Up Games and Flexible Games.
3. Learn to sing the song.
4. Learn to play the song using glockenspiels and other instruments.
5. Perform the song.

#### Key Vocabulary:

listen, appraise, evaluate, create, perform, rhythm, tempo, beat, arrangement, timbre

Impact: Children can create and perform music inspired by 'Dancing in the Street'.  
Children can understand alternative ways of making music.