

## Geography

Children have learnt about geographical features of Britain

### INTENT

Children will learn about How is climate change affecting the world?

### Sequence of learning

1. How is reduced rainfall affecting people's lives?
2. How is an increase in heat and reduction in rainfall affecting people's lives?
3. How are increased sea levels affecting people's lives?
4. How are increased temperatures in polar regions affecting people's lives?
5. Why is weather changing all over the world?
6. What is being done about global warming?

**Vocabulary:** Dry season; Wet season; Drought Bushfire; Wildfire; Natural disaster; Global warming; Carbon dioxide; Greenhouse gas; Climate change; Fossil fuel Sustainability; Renewable; Non-renewable; Wind power; Geothermal heat; Hydroelectric power; Solar power; Biofuel.

# St Erth Primary Curriculum

## Year 5 & 6: Summer 2



## SCIENCE

The children will build on their work in Year 4 by sorting animals into groups based on their similarities and differences.

### INTENT

children will explore how animals and plants are adapted to the environment in which they live.

### Sequence of learning

1. How are plants adapted to their environment?
2. How are animals adapted to their environment?
3. What is natural selection and how does this lead to evolution?
4. How do adaptations lead to evolution?
5. What characteristics can you inherit from your parents?
6. How can fossils help us explain evolution?

**Vocabulary:** adaptation, environment, evolution, gene, natural selection, inheritance, organism, species

## RE

Children have learnt that many Christians believe in God the Creator who cares for all creation.

### INTENT

Children will investigate whether creation and science- conflict or complimentary?

### Sequence of learning

1. What is the Biblical account of creation?
2. What is the scientific account of cosmology and of evolution
3. Why might some people say creation and science are in conflict?
4. Why might some people say creation and science are complementary?
5. Can we find out about Christians who are also scientists, such as Dr Jennifer Wiseman?
6. Are there questions that science cannot answer?

**Vocabulary:** Bible, Genesis, creation, science, conflicting, complementary, cosmology, evolution, God

## COMPUTING

Computers past and present

### INTENT

Understand how technology has changed over time; Predict how technology will change in the future.

### Sequence of learning

1. How has changed over time. Combine text and images to present ideas.
2. What impact (positive/negative) have technological changes had on society?
3. How do you think technology will change in the future?

## Machine and Artificial Intelligence

### INTENT

Understand and use examples of machine learning; Understand how Artificial Intelligence is used to perform tasks.

### Sequence of learning

1. How do computers use information to solve new problems and follow new instructions.
2. How is artificial intelligence used to perform tasks often only performed by humans?
3. What are the potential dangers of AI?

# Changes

## ART

Printing and Activism

### INTENT

To introduce the children to artists who are activists. Pupils go onto make posters using collage, print and drawing about global warming.

### Sequence of learning

1. Luba Lukova: explore a designer who uses posters as a way to address injustice in the world
2. Faith Ringgold: explore an artist who makes painted quilts to explore history.
3. What Do YOU Care About?
4. Collage their own canvas and go on to create their poster design, through stencil, collage or screen print

### COMPOSITE

Create a poster design, through stencil, collage or screen print.

## MUSIC

Performing Together

New friends are as silver but old friends are as gold.

## PE

### Athletics

1. Can you develop sprinting techniques in the circular relay?
2. Can you sustain exercise to improve stamina?
3. Can you hurdle with control and rhythm?
4. Can you demonstrate appropriate body positions for throwing greater distances using a variety of implements?
5. Can you demonstrate appropriate body positions for throwing greater distances?
6. Can you improve the distance from take-off to landing in one jump?

## French

### Where I live

- 3.4 In the kitchen
- 3.5 In the lounge
- 3.6 In my bedroom

## PSHE

### Growing Up

1. Self and Body image
2. Puberty for Girls
3. Puberty for Boys
4. Conception
5. Looking Ahead