

Maths

Measurement

Number – multiplication and division

Number – fractions (including decimals and percentages)

Music

Listen with concentration and understanding to a range of high-quality live and recorded music.

Learning how to play Glockenspiel

Science

Topic: Human reproduction and ageing

Learn about animal life cycles, including the human life cycle.

Explore human growth and development to old age (including the changes experienced during puberty) and human reproduction.

Art & DT

Nature's Art

Eat the Seasons

Spanish

The weather

Experiences:

Bore Place Farm, Edenbridge

Visit to a local allotment

Geography

Learning the features and characteristics of land use in agricultural regions across the world, including a detailed exploration of significant environmental areas.

Sow, Grow and Farm

RE

Religion: Sikhism

Theme: Beliefs and moral values

Key Question: Are Sikh stories important today?

Religion: Christianity

Theme: Easter

Key Question: Did God intend Jesus to be crucified and if so was Jesus aware of this?

English Text:

The Secret Garden
by Frances Hodgson Burnett.

Genre:

Non-chronological reports

Diary entries

Leaflets

PSHCEE

Protecting the environment; compassion towards others.

How information online is targeted; different media, their role and impact. Identifying job interest and aspirations; what influences career choices; workplace stereotypes

Physical and emotional changes that happen in puberty.

Computing

Creating media – Video Production

PE

Swimming

Basketball, Hockey

Maths

Number: multiplication and division

Identify multiples and factors including finding all factor pairs of a number and common factors of two numbers. Solve problems involving multiplication and division including using a knowledge of factors and multiples, squares and cubes. Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

Number: fractions

Compare and order fractions whose denominators are all multiples of the same number.

Read and write decimal numbers as fractions; e.g. $0.71 = 71/100$.

Read, write, order and compares numbers with up to three decimal places.

Geography

Learn about allotments in the United Kingdom and how the government encouraged people to have them to support food rationing during the Second World War. We will learn about food webs and animal life cycles, including how living things are dependent on one another within a habitat. We will have the opportunity to learn about farming in the United Kingdom and the techniques used in modern farming, including the challenges that farmers face. We will explore the benefits of eating seasonally and about the pros and cons of importing food. We will also learn about world farming and how the different climate zones affect where different foods can be grown.

Spanish

Describe the weather in different regions of Spain using a weather map with symbols. Ask what the weather is like today.

Science

Learn what life cycles are, order the stages of life cycles for different animal species and compare them. We will also learn what mammals are and the five key mammalian characteristics. Sort vertebrates, deciding whether or not they are mammals. Investigate the relationship between the mass of mammals and how long they carry their young by creating and interpreting scatter graphs. Learn about human gestation from embryo to birth. Investigate how humans change and develop from infant to adolescence in the juvenile stage and learn about the changes that happen during puberty. Learn about how humans change as they get older. Investigate how ageing affects reaction times.

Art and Design

To learn about the genre of land art. We will work outdoors to sketch natural forms and explore the sculptural potential of natural materials before working collaboratively to create land art installations.

Sow, Grow and Farm

PSHCEE

Learn about protecting the environment; compassion towards others. How information online is targeted; different media, their role and impact. Identifying job interest and aspirations; what influences career choices; workplace stereotypes. Features of family life; identifying different family structures. Gender equality in society and the workplace. Physical and emotional changes that happen in puberty

Computing

To learn how to create short videos in groups. As they progress through this unit, they will be exposed to topic-based language and develop the skills of capturing, editing, and manipulating video.

English

Composition

Identifies the audience for, and purpose of, the writing. Selects the appropriate form and uses other similar writing as models for their own. Proof-reads for spelling and punctuation errors. Ensures the consistent and correct use of tense throughout a piece of writing. Uses further organisational and presentational devices to structure text and to guide the reader. Describes settings, characters and atmosphere.

Grammar

Indicates degrees of possibility using adverbs (e.g., perhaps, surely) or modal verbs (e.g.: might, should, will, must). Uses devices to build cohesion within a paragraph (e.g. then, after that, this, firstly). Plan their writing, noting and developing initial ideas drawing on reading and research where necessary. Draft and write using further organisational and presentational devices to structure text and to guide the reader. Use brackets, dashes or commas to indicate parenthesis. Use commas to clarify meaning or avoid ambiguity in writing. Proofread for spelling and punctuation errors.

Music

Listen with attention to detail and recall sounds with increasing aural memory. Develop an understanding of the history of music. Learn to play the glockenspiel.

PE

Swimming

Basketball, Hockey

To compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Year 5: Sow, Grow and Farm

Key Enquiry Question: What factors affect how land is used across the world?

Key Skills:

- Describe, using their knowledge of food chains and webs, what could happen if a habitat had a living thing removed or introduced.
- Compare the life cycles of animals, including a mammal, an amphibian, an insect and a bird.
- Describe the life process of reproduction in some plants and animals.

Key Information:

We will learn about allotments in the United Kingdom and how the government encouraged people to have them to support food rationing during the Second World War.

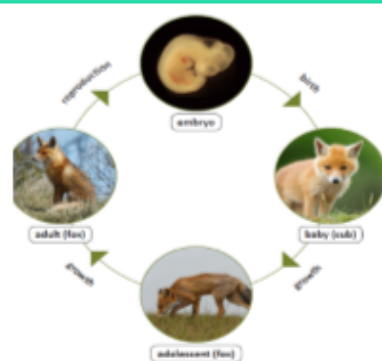
We will also learn that agricultural land use in the UK can be divided into three main types, arable (growing crops), pastoral (livestock) and mixed (arable and pastoral)

We will know that a cycle is the series of changes in the life of a living thing and includes these basic stages: birth, growth, reproduction and death. Mammals' life cycles include the stages: embryo, juvenile, adolescent and adult. Amphibians' life cycles include the stages: egg, larva (tadpole), adolescent and adult. Some insects' (butterflies, beetles and bees) life cycles include the stages: egg, larva, pupa and adult. Birds' life cycles include the stages: egg, baby, adolescent and adult.

Prior Knowledge:

In Year 3, I learnt about the diets of different animals.

In Year 4, I learnt to construct and interpret a variety of food chains, identifying producers, predators and prey.



Key Vocabulary:

1	Word	Definition
2	arable land	Any land capable of being ploughed and used to grow crops.
3	arable farming	Growing crops such as cereals and vegetables.
4	allotment	A plot of land rented by an individual for growing vegetables or flowers.
5	monoculture	The cultivation of a single crop in a given area.
6	asexual reproduction	A type of reproduction that creates offspring that are genetically identical to the parent. Asexual reproduction requires only one parent.
7	sexual reproduction	A form of reproduction in which genetic material from two individuals of opposite sexes mixes to create offspring.
8	climate	The general weather conditions found in a place over a period of time.
9	irrigation	The practise of supplying land with water so that crops and plants will grow.
10	fertiliser	A natural or chemical substance that is spread on the land or given to plants to make them grow successfully.