

Week 1: What are biomes and where can we find them in the world?

English: Flashback Narrative – Immersion into the text.

Geography: Define what a biome is and name some examples.

Locate and label the major world biomes on a map using a colour key.

Describe the typical climate and conditions of different biomes.

Compare two different biomes and explain how their climates affect plant and animal life.

Week 2: What makes the tundra biome unique?

English: Flashback Narrative – planning and writing.

Geography: Describe the main features of the tundra biome including its climate and landscape.

Explain how animals and plants adapt to survive in the tundra.

Understand how humans live in the tundra and describe some traditional and modern ways of surviving there.

Explain why the tundra biome is important to the planet and how it is being affected by climate change.

Week 3: Why are rainforests vital to life on earth?

English: Writing and publishing flashback narrative

Geography: To describe the key characteristics of the rainforest biome and explain its importance to the planet.

Week 4: How do living things survive in the desert?

English: Assessment Week (3 lessons) Immersion – features of informal letters

Geography: Identify the key physical characteristics and climate of the desert biome using maps and images.

Explain how plants and animals are adapted to survive in the desert's extreme conditions.

Describe how humans live and adapt in desert environments including the challenges they face.

Compare the desert biome with other biomes studied focusing on climate, biodiversity and adaptations.

Week 5: How do biomes help people make a living around the world?

English: Plan and write an informal letter

Geography: Identify how natural resources from different biomes are used by people around the world.

Explain how specific biomes support different types of work such as farming, tourism, mining or forestry.

Explore how the global economy depends on trade between countries with different biomes.

Evaluate how the use of biome resources can be made sustainable to protect the environment and livelihoods.

Week 6: How can we protect our planet's biomes?

English: Write, edit and Publish an informal letter

Geography:

Identify and describe the main environmental threats facing the world's biomes.

Explain how human actions such as deforestation, pollution and climate change impact different biomes.

Suggest practical ways people can protect and conserve biomes locally and globally.

Express informed opinions about the importance of protecting biomes and the consequences of not acting.

Week 7: Recapping prior learning

English: Write and publish a letter to Santa.



What on Earth are biomes?

English

Genre Revision:

Flashback narrative

Informal letter

Reading fluency:

Holes- Louis Sachar

Class read

Boy at the back of the class- Onjali Q. Rauf



Maths

- Multiplication and Division
- Fractions
- Revision



Science – Properties of Materials

- Compare and group together everyday materials based on their properties
- Know that some materials will dissolve in liquid to form a solution
- Use knowledge of solid, liquid and gas to decide how mixtures might be separated
- Give reasons based on evidence from comparative tests for the particular uses of everyday materials including metals, wood and plastic.
- Demonstrate that dissolving, mixing and changes of state are reversible changes.
- Explain that some changes result in the formation of new materials and this kind of change is not usually reversible



Computing – Systems and searching

- To explain that computers can be connected together to form systems.
- To recognise the role of computer systems in our lives.
- To identify how to use a search engine.
- To describe how search engines select results.
- To explain how search results are ranked.
- To recognise why the order of results is important, and to whom.



PE- Gymnastics

- Demonstrate ability to sequence 3+ gymnastics moves
- Demonstrate rolling- balancing- jumping- rolling skills
- Demonstrate understanding of potential solutions to improve the performance of self and others.



Invasion Games

- Demonstrate understanding of attacking & defending principles in conditioned, small sided games.
- Demonstrate understanding of potential solutions to improve the performance of self and others.

Religious Education – What does it mean to be a Muslim in Britain today?

- How many Muslims and how many mosques are there in Britain?
- How might the Five Pillars affect the lives of Muslims in Britain today?
- Why is zakah important to Muslims and how is charity important for you?
- Why do Muslims go on pilgrimage?
- What does it mean to be a Muslim in Britain today?

PSHE- Valuing Differences

- Qualities of friendship- Define some key qualities of friendship;
- Kind conversations- Demonstrate respectfulness in responding to others;
- Happy being me- Develop an understanding of discrimination and its injustice, and describe this using examples;
- The land of the Red People- Identify and describe the different groups that make up their school/wider community/other parts of the UK;
- Is it true? - Understand that the information we see online, either text or images, is not always true or accurate;
- Stop, start, stereotypes- Recognise that some people can get bullied because of the way they express their gender;

Design & Technology – Wobble bots

- To investigate motors by creating circuits
- To make a motorised product and test its function
- To apply knowledge of circuits to experiment with product design
- To design a motorised product for a specific purpose
- To make and evaluate the effectiveness of a motorised product

Music – Composition Notation

- To sing with accuracy, fluency, control and expression.
- To explore and use different forms of notation
- To understand note length
- To read simple pitch notation
- To use hieroglyphs and stave notation to write a piece of music.