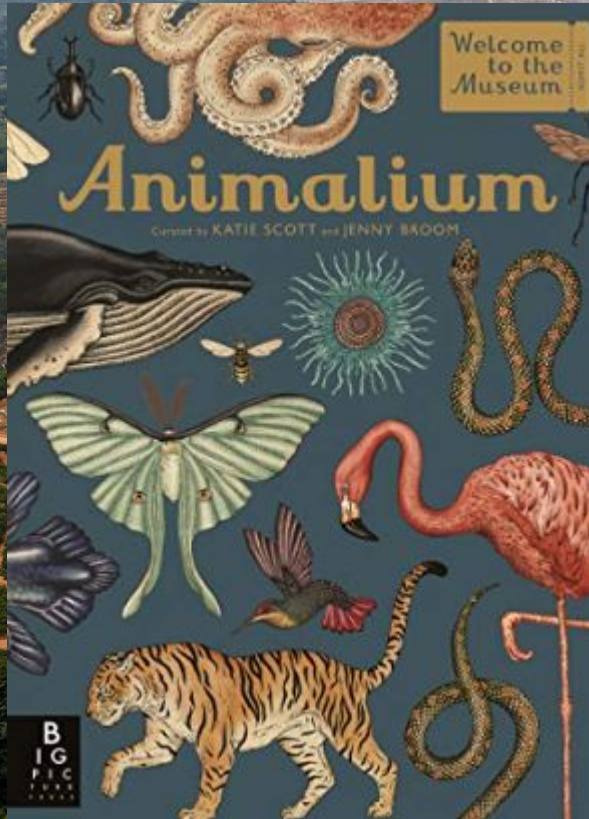




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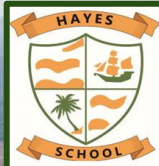


Year 5 Curriculum Plan: Autumn 2023

The Big Question:

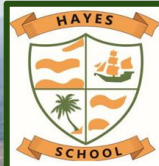
What impact is humanity having on biodiversity and what we can do, as a community, to reduce our impact?

Access Aspiration Resilience Discovery Friendship



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At Hayes, we strive for our children to push beyond any perceived idea of potential, to be all they can be, regardless of background in order that they leave us as good human beings - happy, kind and responsible. Our curriculum is integral in shaping the children to become independent and life-long learners. At Hayes, we also aim to equip our children with the ability to 'think' in order to make sense of an ever-changing world. Our curriculum has been designed, with thinking at its heart, to achieve our ultimate vision: all children will live fulfilling and happy lives, being all they can be.



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Learning Experience Context and Outcome

This learning experience delves into the heart of the Amazon Rainforest. This will inspire pupils' curiosity to know more about the world around them and the positive and negative impact humanity has on the environment. It will equip pupils to ask perceptive questions, think critically, weigh evidence, sift arguments, and develop perspective and judgement. Children will understand the process of change and how we, as a community, can have a lasting effect on the world. We have a responsibility to protect it!

Big Questions

BIG QUESTION

What impact is humanity having on biodiversity and what can we do, as a community, to reduce our impact?

Geography

Where are the world's rainforests located?

What is the structure of a tropical rainforest?

Why are rainforests so important?

What is the climate of a rainforest like?

How have rainforests changed over the last 100 years?

How can we reduce the impact of humans and save the rainforest?

How has biodiversity been affected by deforestation?

Art QUESTIONS

How can we create a mural to promote the reduction of deforestation?



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Year 5: Autumn 1 2023

ENGLISH

- Driver Text: Animalium by Jenny Broom.
- Supporting texts: Jungle Drop by Abi Elphinstone
- How You Can Save the Planet by Hendrikus Van Hensbergen.
- Reading: Whole class reading will take place each week and include comprehension skills such as fluency and retrieval. These will be based around a variety of texts.
- Writing Opportunities: We will be building up this half term to writing a non-chronological report about an animal from their imagination.
- Finally, we will then create an information page reporting on the devastating effects of deforestation.
- Spelling focus: -ant and -ance/-ancy, -ent and -ence/-ency.

MATHS

This half term the children will learn:

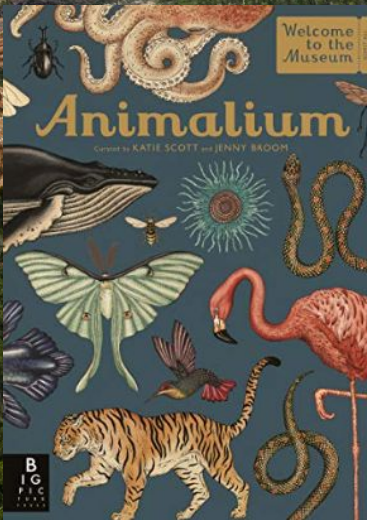
- Place value. The children will learn to recognise the value of digits up to and including 10,000. We will explore how to order and compare any number, including negative numbers, as well as work on consolidating our rounding knowledge up to the nearest 10, 100 and 1000.
- Addition and subtraction. We will work with numbers up to four digits and we will use exchange in the column method to work out calculations and solve problems.

English - Texts

MAIN TEXT:

Animalium by Jenny Broom

Animalium presents the animal kingdom in glorious detail with illustrations from Katie Scott, an unparalleled talent. Welcome to the Museum is a series of books set on the “walls” of the printed page, showcasing the world’s finest collections of objects — from natural history to art.



SUPPORTING TEXTS

Jungle Drop by Abi Elphinstone

Eleven-year-old twins, Fox and Fibber, have been rivals for as long as they can remember.

But when the twins are whisked off to Jungle Drop, a magical Unmapped Kingdom in charge of conjuring our world’s weather, things get wildly out of hand. With the fate of two worlds in their hands, will the twins be able to work together for once to defeat Morg and her dark magic?



How You Can Save the Planet by Hendrikus Van Hensbergen

English - Key vocabulary




Vocab Dozen

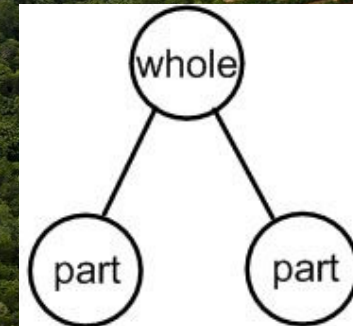
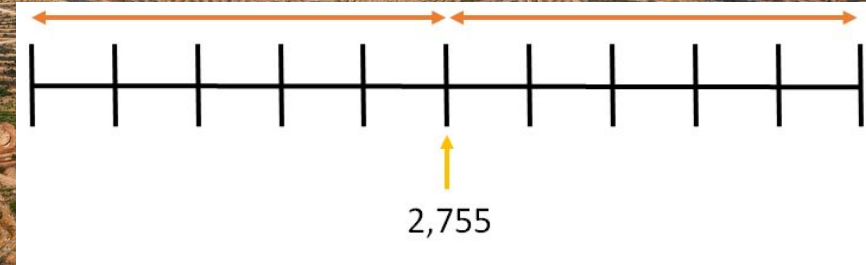
biomes	A large naturally occurring community of flora and fauna occupying a major habitat, e.g. forest or tundra.
climate	The weather conditions prevailing in an area in general or over a long period.
conserve	Protect (something, especially something of environmental or cultural importance) from harm or destruction.
environment	The surroundings or conditions in which a person, animal, or plant lives or operates.
habitat	The natural home or environment of an animal, plant, or other organism.
recycle	Convert (waste) into reusable material.
global warming	A gradual increase in the overall temperature of the earth's atmosphere generally attributed to the greenhouse effect caused by increased levels of carbon dioxide, CFCs, and other pollutants.
deforestation	Refers to the cutting, clearing, and removal of rainforest or related ecosystems into less bio-diverse ecosystems such as pasture, cropland, or plantations
compost	A type of fertilizer that is made from rotting plants.
impact	The power of an event, idea, etc. to produce changes, move the feelings,
emergent/canopy	Two layers of trees. Emergent are the tallest trees and canopy is below them.
species	A group of similar living things.

Maths - models and images

Place Value:

- Understanding values of numbers up to ten thousand using PVC (place value chart), number lines and part-whole models.
- Compare and order any number (including negative numbers) up to one million.
- Round numbers to ten, hundred and a thousand.

Thousands	Hundreds	Tens	Ones
			



Maths - models and images

Addition and Subtraction:

- Add and subtract up to 4 digit numbers with no exchange.
- Add and subtract up to 4 digit numbers with one or more exchanges.
- Round to estimate and approximate numbers.

Column method

$$\begin{array}{r} 567 \\ + 199 \\ \hline 766 \end{array}$$

	?	4	?	3	?
+	2	?	5	?	2
	7	8	5	2	9



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Year 5: Autumn 1 2023

SCIENCE

The children will study and raise questions about their local environment. They will also observe life-cycle changes in a variety of living things, for example, plants in the vegetable garden or flower border, and animals in the local environment. Discovery will involve finding out about the work of naturalists and animal behaviourists, for example, David Attenborough and Jane Goodall.

Pupils should find out about different types of reproduction, including sexual and asexual reproduction in plants, and reproduction of mammals and birds. We will also explore the mammalian life cycle.

COMPUTING

Children will learn to use technology safely, respectfully and responsibly. They will learn to recognise and identify acceptable and unacceptable behaviour online. Children will become confident and informed as to how to find a solution if a problem occurs and they will be able to identify a range of ways to report concerns about content and contact.

PE: Gymnastics

In gymnastics, we will create, practise and refine longer, more complex sequences for a performance. Children will adapt their performances to the demands of a task, using their knowledge of composition. They will understand the need for warming up and working on body strength, tone and flexibility. Children will be encouraged to lead small groups in warm-up activities.



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Year 5: Autumn 1 2023

Driver Subject: Geography

The children will be able to locate the world's countries, using maps to focus on North and South America as well as explore the geographical similarities and differences of human and physical geography.

This half term we will focus on being able to describe and understand key aspects of climate zones, biomes and vegetation belts. We will also find different views about an environmental issue (deforestation) and explain our own views.

Driver Subject: Art

This half term, the children will look at pieces of artwork from Henri Rousseau, looking at the beauty of the fauna and flora as well as the structure of it. They will then use this as inspiration for their own mural of the rainforest. This sculpture will be created using recycled materials such as plastic bottle tops, newspaper, foil, magazines and fabrics etc. The children will be working in groups to produce a well-thought out piece of art, which you will be able to view when we display them outside the classroom windows next half term.



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Year 5: Autumn 1 2023

R.E

The children will study what it means for Christians to believe that God is holy and loving. The children will explore what the Bible teaches Christians about how God is. They will explore how Christians respond to the love of God through architecture, prayer and song.

PSHE/SRE

The children will spend time learning about teamwork and how we take on different roles within a group. They will also be consider how we can work on resilience and what strategies we can use to help us. We will also be delving into British Values: Laws and Parliament where will will gain an overview of what it is.

Music

This half term the children will be exploring the question 'How does Music Bring us Together?' They will learn to sing and dance a hoedown song. Additionally, the children will continue to develop their listening & appraisal of music, improvisation & composing skills. Finally, the children will learn to play Lean on Me on the marimbas and steel pans.

MfL (French)

This term we will be learning French as our modern foreign language. We will focus on phonetics and learning how to speak about pets.