

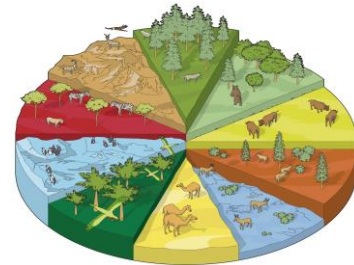
Year 5 Autumn Term 1 – Knowledge organiser



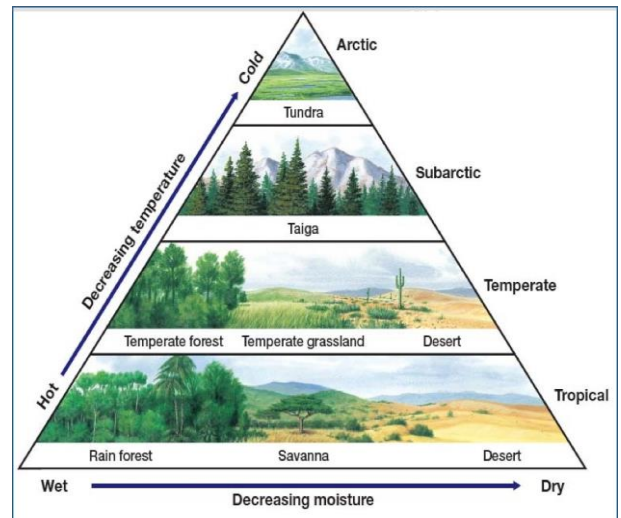
Topic: Responsibility & Relationships	Concepts: Sustainability, choice, power	Essential Question: Why is the Amazon referred to as the lungs of the Earth?
--	--	---

VOCABULARY	DEFINITION
SUSTAINABILITY	The ability to maintain or support a process over time
CLIMATE	the long-term pattern of weather in a particular area
BIOME	A large area characterised by its vegetation, soil, climate, and wildlife
HABITAT	The natural environment in which a plant or animal usually lives
TOPOGRAPHY	The study of shape and features on the surface of the Earth
DEMOCRACY	A form of government in which the people have a say in how it is run
CITIZENSHIP	The belonging to a country and the rights, duties and privileges a person has of being a citizen

Habitats



Biomes



School values for...

September: Friendship

October: Respect



Know how to:

Discuss the rewards, responsibilities and consequences of democracy and citizenship.

Identify features of biomes and climates, particularly that of the Amazon rainforest.

Debate ongoing issues regarding sustainability.

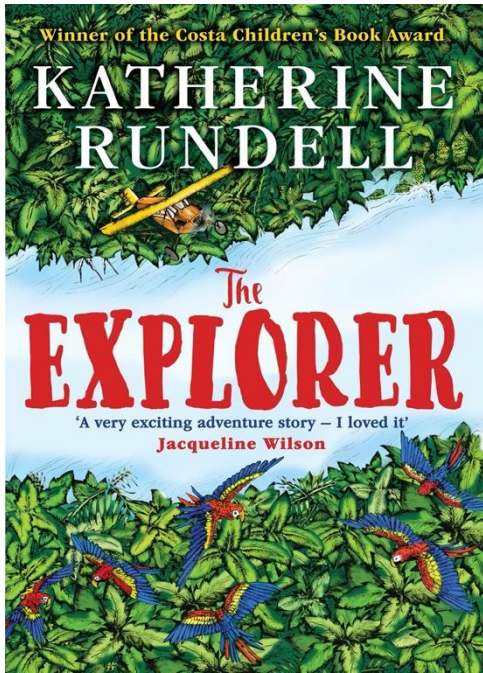
Use topographical maps to identify physical features.

Differentiate life cycles of different animal groups.

Identify and use roman numerals up to 1000.

Use textiles to create a rainforest collage.

Our lead text:



In English this term, we will be reading *The Explorer* by Katherine Rundell, which is a survival story involving a group of children in the Amazon Rainforest. We will be writing for the purpose of entertaining with 3 main outcomes:

- Setting description
- Character description
- Short narrative

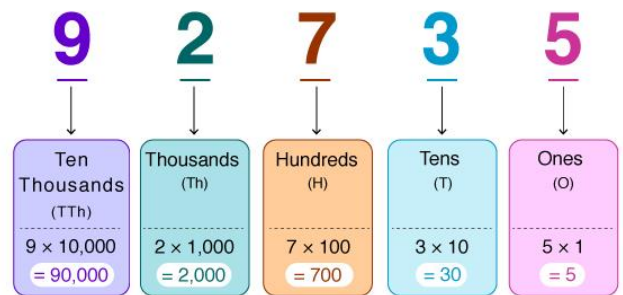
Hailed as Rundell's greatest adventure yet, *The Explorer* is a relatable and fast paced adventure with brilliant messages for children. It's a wonderful complement for an Amazon topic.

Mathematics – place value:

- Roman numerals to 1000
- Place value to 1,000,000
- Powers of 10
- 10/100/1000/10,000/100,000 more or less
- Partitioning numbers to 1,000,000

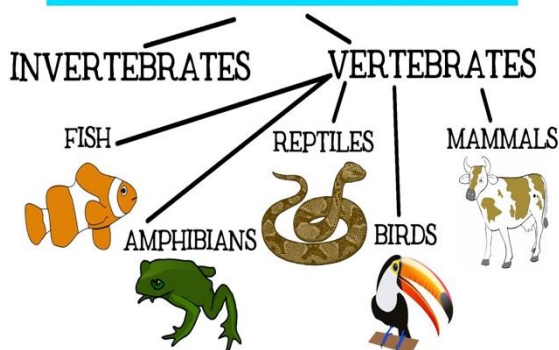
Place Value of a Number

MATH MONKS



Ninety-two thousand, seven hundred and thirty-five

ANIMAL CLASSIFICATION



Science:

- Living things and their habitats
- Biomes
- Life cycles of a mammal, an amphibian, an insect, and a bird
- Reproduction in some animals and plants

RE: We will be learning about Sikhism, particularly the extent to which a Sikh might go for their beliefs

PE: Invasion games – understanding strategies and basic rules of specific sports through attack vs defence scenarios

Art and DT: Planning and creating a rainforest collage using textiles

Home learning Activities

Done ✓

Research and create a 'habitat diorama' for the Amazon rainforest using a shoebox.

Research and complete a fact file of an animal or plant native to the Amazon rainforest including a diagram of its lifecycle.

Create a comic strip about the life of an animal living in the Amazon rainforest, considering the impact of deforestation on its habitat.

Find an example of a place around the world to represent each biome: arctic, sub-arctic, temperate, and tropical.

Create bingo cards using Roman numerals to play with friends and family.

Take photos to make a habitat photo album of native plants and animals living in your area.

Invent a new ball sport, making a rule book and testing strategies with friends and family.

