

Geography - Deserts

Would you like to live in a desert?

- **What is a desert biome?**

A desert is a stretch of land with little to no rainfall and extremely sparse vegetation and wildlife

- **Where are desert biomes located?**

There are deserts on all 7 continents. Hot desert

- **Where are desert biomes located?**

Hot desert biomes are located close to the Tropics of Cancer and Capricorn.

VOCABULARY

Arid: Too little rain to support lots of vegetation.

Biome: An area of the world with a similar climate and landscape, where similar plants and animals live.

Lines of Latitude: *Invisible horizontal lines mapped on the globe to show how far north or south a place is.*

Art– Portraits

How can artists create portraits accurately?

- **What is hyper-realism?** This is a technique used by artists to create pictures that are true to life.
- **Who is Kevin Okafor and what did he do?** Kevin is a hyper– realistic artist who paints famous people.
- **How do artists create tone and texture in their work?** They use techniques such as cross hatching, stippling, shading and inking to create tone and texture.

VOCABULARY

Portrait– A picture or photograph of a person’s face.

Sketching– A picture that shows the main outlines of an image by using just a pencil.

Proportion– Where aspects of the image are the correct size, shape and position in relation to each other.

Shading– Making different tones of light and dark in a picture.

Year 6 Autumn 1 Topic Mat

Deserts



The learning you child will be doing in each subject this term is based on a key question.

The subsequent questions and vocabulary are some of the small steps they will take to achieve their answer.

Please discuss these with your child to help support and reinforce the work they are doing in class.

Science - Adaptation

How have all living things changed over time through the process of evolution and inheritance?

- **What evidence do fossils give us regarding adaptations?** Fossils give us evidence of what lived on Earth millions of years ago and provide evidence to support the theory of evolution.
- **What does adaptation mean?** Plants and animals have characteristics that make them suited (adapted) to their environment.
- **What may happen if the environment changes quickly?** If the environment changes rapidly, some variations of a species may not suit the new environment and will die.
- **What may happen if the environment changes slowly?** The environment changes slowly, animals and plants that are best suited to survive in greater numbers to reproduce and pass their characteristics onto their young.

VOCABULARY

Adaption: the process by which animals, plants and other living things have changed to suit their environment

Characteristics: special qualities or appearances that make an individual or group of things different to others.

Inheritance: Physical features that are passed from parents to their offspring.

Species: a group of animals that can reproduce to produce fertile offspring. There are different variations within a species due to natural selection and environmental factors.

Variation: the differences in characteristics between individuals of the same species.

Religious Education-Hinduism

Why do Hindu's try to be good?

- **What do Hindu’s believe about Brahman?** Hindus believe that Brahman is the supreme God. All deities, living things and the universe originate from Brahman. Brahman is not a creator on it’s own but rather a part of everything. Everything created in the universe, and the universe itself is Brahman.
- **What does monotheistic mean?** Hindus are monotheistic as they believe that the different deities are all representations of Brahman.

VOCABULARY

Aum – a Hindu symbol that is believed to be the first sound heard in the universe.

Brahman – the God from which all other deities and life originates from.

Deities – a God or divine being.

Karma – the belief that positive and negative actions impact the next life of a person when they are reincarnated.

Trimurti – the three main deities of Brahman. They are made up of Brahma, Shiva and Vishnu.