

Hot and Cold Environments

English Reading stories aloud such as *The Jungle Book* and *Handa's Surprise*. Re-telling stories in which events are ordered. Acting out these stories and creating our own animal stories. Reading and creating poems about animals.

Maths Through the 'hot and cold' and 'animals' theme we will learn about time eg hours of daylight at the equator and poles; place value; measures – length and height eg comparing sizes of different animals; multiplication and division; fractions eg In a herd of 20 elephants half are female. How many are male?

Science Explore, identify and name animals from the arctic, the jungle and the desert. We will look at how they adapt to their environment, what they eat and how they live.

Geography Make weather comparisons of different places around the world. We will look at environmental features of polar, desert and jungle regions. Look at how people adapt to living in hot and cold countries.

Design Technology. Make different structures to house animals in our zoo. This will involve investigating different ways to make our structures strong and rigid and how to cut and join component parts.

Computing Experiment with and create algorithms in order to move a beebot from one location to another on maps of different habitats. We will also be learning how to keep ourselves safe online, including the types of information we give out and the websites we use.

Art Look at the colour and shape of different animals and design and make animal masks to use in our role-play area using different textiles. Our focus artist will be Henri Rousseau.

We are also learning:

PSHCE Understand the word 'relationship' and discuss different feelings associated with this term. We will understand how to keep ourselves safe in the local community.

Building Learning Power Explore the terms 'planning' and 'revising' and look at how we can apply these to our own learning.

RE Explore special words and stories and special things in nature with a focus on Christianity and also Hinduism and Islam.

PE In gymnastics we will explore and develop different balances, movements and ways of travelling on mats and small apparatus. In dance we will use parts of our body for turning, skipping, moving quickly and slowly using animals as a theme.

Music All the learning will focus on one song: In The Groove. Listen and appraise music of similar styles as well as playing games and learning about pulse, rhythm and pitch. We will also sing and play instruments and link the different elements together.

Hot & Cold

Key Vocabulary hot, cold, North Pole, South Pole, equator, environment, landscape, desert, rainforest, jungle, arctic, habitat, structure, carnivore, herbivore, omnivore, camouflage.

Events We will hold a 'hot and cold' themed day with Year 2 at the end of term with a carousel of practical activities relating to our topic.

Global Curriculum Research and discuss different climates and climate change in hot and cold countries, eg icebergs melting in the Polar regions and the destruction of the rainforests.

Outdoor Learning Continue to observe seasonal changes around the school grounds.

Make frequent trips to the wildlife area to observe changes as winter turns into spring and in particular the animal life in and around the pond.

Role Play Area A zoo. Activities to include: the dietary and welfare needs of different animals, being tour guides of the zoo, and writing information leaflets about different animals.

Songs *The Animal Fair*, *Five Little Monkeys*.

Focus Author Rudyard Kipling

Texts *The Jungle Book*, *Handa's Surprise*, *Lost and Found*, *The Leopard's Drum*, *Dear Zoo*.

Non-Fiction Information books about animals and different countries around the world.

Poetry Poems about animals.