

Knowledge Organiser

Reception - Hot and Cold

What I should already know?

We know that autumn comes before winter.
I know some things that happen in winter.
The names of different animals.
I know where some animals live.

Key Questions

What is ice made from? What happens to ice when it gets warm?
What are hot/cold countries like?
What is the weather like in the seasons?
How can we keep warm in winter/cool in summer?
What do animals have to live in hot/cold places?

What I will know by the end of this unit?

I will know the 4 seasons
I can talk in details about the changes throughout winter.
The names of different animals that live in cold/hot countries.
I know how animals survive where they live.
I know the changes of the natural world.
I can compare what life is like in a different country.
I know people speak different languages.

In Year 1 children will:

GEOGRAPHY

I know about some of the main things that are in hot and cold places.

I know how the weather changes throughout the year and name the seasons.

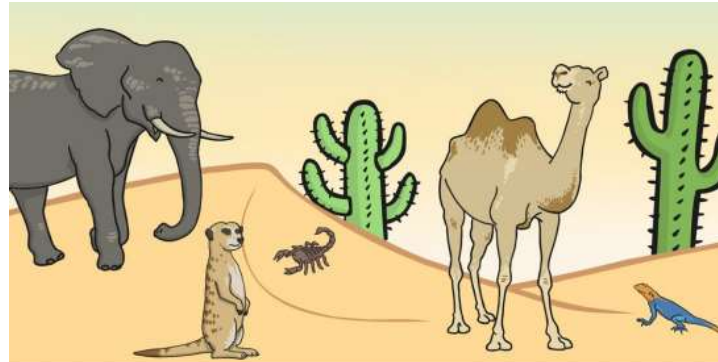
I point to the equator, North and South Pole on an atlas and globe.

SCIENCE

I observe changes across the four seasons. I observe and describe weather associated with the seasons and how day length varies

I can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. I can identify and name a variety of common animals that are carnivores, herbivores and omnivores.

Knowledge



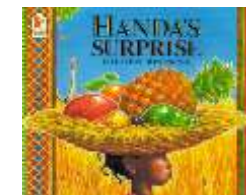
Possible Experiences

Photos of different people/customs from hot/cold places
Ice melting experiment
Role play - hot/cold places
Small world - cold places animals/safari animals
Look at maps and globes to find hot/cold countries, North Pole and South Pole
African drumming workshop with Zozo.
Going to the Wild Area

Vocabulary

Cold, Winter, Arctic, Antarctic, Polar, Penguins, Polar bears, Reindeers, Snow, Ice, Frost, Snowflake, Igloo, Egg, North pole, South pole.

Books



Songs and rhymes

Jack Frost
Tinga Tinga
African Drumming



Areas of Development Reception - Hot and Cold

Personal, Social and Emotional Development

- PSHE 1 Decision Planning.
- To make choices in their learning.
- To develop independence skills.
- To reflect on work through show and tell.
- To manage their own hygiene.
- To understand the importance of healthy foods.

Expressive Arts and Design

- Charanga- My World
- KAPOW- Art- Paint my World and Snowflake Threading
- KAPOW- DT- Food: Designing and Making a Rainbow Salad
- Move in time to the music.
- Play an instrument following a musical pattern.
- Explore and use a variety of artistic effects to express their ideas and feelings.

Physical development

- Squiggle to Wiggle
- Sending and Receiving- Barrow AFC
- GetSet4PE- Gymnastics
- I can use a range of large and small apparatus with an awareness of safety.
- I can match skills to tasks and apparatus. I can explore movement skills.
- Getting changed for PE with less support
- Eats a healthy range of foods
- Understands why it is important to exercise, eat healthy, drink water and sleep well.

Understanding the World

- iCompute- see Computing book.
- To know that people in other countries may speak different languages.
- To know that simple symbols are used to identify features on a map.
- Make observations about animals discussing similarities and differences.
- Make observations about plants discussing similarities and differences.
- Know some important processes and changes in the natural world including states of matter.