



# Brookfield Primary School Knowledge Organiser

## Year 1: Science – Living things and their habitats – habitats around the world

Science helps us to learn about how and why things happen through observing and experimenting.

### Key Facts:

- A habitat is a place where organisms live.
- A microhabitat is a small area within a habitat which differs somehow from the surrounding habitat.
- Habitats change by: cutting down forests, polluting land and water, taking away resources.
- If a habitat changes too much, it can cause the animals that live there to become endangered or extinct.
- Rainforests are rich in biodiversity. They contain lots of helpful resources to help us make food, clothes and medicine. It is important to protect the rainforests.
- Tundra ecosystems are treeless regions found in the Arctic.
- Polar animals – like polar bears – have adapted by having thick fur or feathers.
- Polar bears, narwhals, caribou, seabirds and indigenous peoples live in the Arctic.

### Where to look:



- Pictures
- BBC Bitesize
- Books
- Internet



### Things to find out about:

What is currently happening to the rainforests?



### General Scientific Words/Phrases:

Investigate, observe, explore, experiment, group, record, analyse

### Key Vocabulary to use in this topic:

Word:	Definition:
Environment	The surroundings or conditions that a living organism (people, animals, plants) find themselves in
Habitat	A place where organisms live.
Microhabitat	A small area which differs somehow from the surrounding habitat.
Endangered	Animals or plants that may soon not exist because there are very few left alive.
Extinct	No longer exists.
Climate	The general weather condition usually found in a particular place.
Deforestation	When forests are cut down.
Biodiversity	A variety of plant and animal life in a particular habitat.
Moisture	Liquid such as water in the form of very small drops, either in the air or in the substance.
Organism	A living thing made up of one or more cells and able to carry on the activities of life.



desert



rainforest



ocean



wetlands