

Climate Zones

Children will learn about the link between latitude and climate, applying



key terms such as equator and climate zones. Weather is something that changes daily, but climate is the average daily weather for an extended period of time at a certain location. They will learn that climate

zones are areas of the world with similar climates. The main climate zones are equatorial, tropical, desert, temperate and polar.

Significant Individual

Born 3 January 2003, she is a Swedish environmental activist who is known for challenging world leaders to take immediate action for climate change mitigation.



Main enquiry questions

- Why does a place's location in the world affect its climate?
- What on earth is a climate zone?
- How is the climate in the UK different from that in the tropics?
- How does the climate vary around the world?
- What is the weather like on a typical day for places in different climate zones?
- What is special about each climate zone?

Key Concepts

The following are the key concepts for this unit:

Climate, Climate zone, precipitation, weather, equator, latitude, Southern Hemisphere, Northern hemisphere, temperature, weather station, meteorologist.

English Texts

This term in English we will be studying the following text:

The Last Bear—by Hannah Gold

Maths learning

This term in maths we will be studying:

Finish fractions A, multiplication & division B, fraction B

Here are the home learning links: Just click on the relevant area to access the videos: <https://whiterosemaths.com/resources?year=year-5-new&term=spring>

Geographical links	Science	Art	PE	Music	RE	Computing	French	PSHE
Lines of latitude. Locate climate zones. Comparing temperate and tropical climates. Weather patterns within a climate zone. Weather forecast for a climate zone. Characteristics of each climate zone.	Forces	Mixed Media Land & Cityscapes. Explore how artists use a variety of media to capture spirit of the place.	Fitness —circuit training	Make You Feel My Love	Unit 33 Why is the Torah so important to Jewish people? (Judaism)	Flat File databases	At the tea room At the café At the restaurant	Health & Wellbeing

Our Curriculum Elements for this half term.



Trips, activities and or visits this term:

13/01/2025: Jay's Aim—First Aid training (CPR & AED)







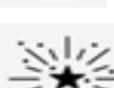

22/01/2025: Visitor from the Synagogue—Jewish talk given by Stewart Raine

31/01/2025: Trip- BSO Explore the orchestra at Exeter University

Sidmouth College transition events:

22/01/2025: Art

10/02/2025: Science

Hook		Important letter from Norwegian government research department—linked to our new book 'The Last Bear'.
Fieldwork		Adventure Island—Orienteering We will be exploring different climate zones.
Written outcome		What is the weather like on a typical day for places in different climate zones?
Creative Outcome		Play project
Adventure (Activities in Adventure Island)		Adventure Island—Orienteering Outdoor Adventurous Activities: Orienteering. It includes team building, map reading skills and single control events
Play Project		With reception.
Celebration		We will share our knowledge and experiences with other classes.
Retrieval Practice		Based on The Vikings



Learning & growing together,
taking every opportunity.

RESPECT · ADVENTURE · ACHIEVE

Curriculum Overview: Year 5 Spring 1:

What is the weather like on a typical day for places in different climate zones?

Suggested Texts to read at home with your children:

KEY TEXT

Wild Weather

by Liz Gogerly



This funkily illustrated title explores all types of weather with four children Anjali, Lulu, Mason and Noah. Their teacher, Mr Sangar, explains that weather is about what's happening in the atmosphere. And, there are six major things going on up there that are constantly changing and making our weather. Mason's dad explains the water cycle to them. They experience all types of weather, such as rain, snow, sleet and hail and see some fantastic rainbows too.

They learn about extreme weather, such as floods, hurricanes and typhoons and find out how to identify different types of clouds and lightning. They discover the different climate zones, learn about jet streams and get serious about climate change and global warming.

KEY TEXT

Climate Crisis for Beginners:
A Climate Change book for Children: 1
by Andy Prentice



The Climate Crisis is real. Climate Change is having an enormous impact on the world around us. This book uses simple language and vivid illustrations to explain complex questions clearly. How does the climate work? What are we doing to change it? What can we do differently to avoid the worst outcomes? Why do we all find change so hard? The Climate Crisis is a troubling and sensitive topic, especially for children, so the book includes vital tips on how to set realistic goals and not get overwhelmed by bad news.

Spellings for the half term

Week 1 5/6 Words	Week 2 Some tricky words	Week 3 ably and <u>ibly</u> words	Week 4 ably and <u>ibly</u> words	Week 5 Homophones	Week 6 5/6 words
rhythm	bruise	breakable	agreeably	steel	suggest
sacrifice	delivery	identifiable	enviably	steal	symbol
secretary	finally	incredibly	noticeable	alter	system
shoulder	guarantee	legible	possible	altar	temperature
signature	immediately	reasonable	possibly	led	thorough
sincere	suggest	tolerably	reliable	lead	twelfth
sincerely	vehicle	understandable	sensible	assent	variety
soldier	which	valuable	terrible	ascent	vegetable
stomach	whole	visibly	terribly	bridal	vehicle
sufficient	Yacht			Bridle	Yacht