



Project template: Weather and Climate (Mixed ages)

Summary	Students share information about the weather and climate with a partner school. They discuss the similarities and differences between the weather and climate in their countries. Students could also extend their research to discuss flora and fauna.
First activity	Students prepare questions to ask their partner school about weather and climate in their country.
Exchange	Students exchange information with their partner schools about weather and climate and examine similarities and differences (do they have four seasons? Do they have a lot of rain etc). They could discuss reasons for these.
Share	Students design a presentation with the information combining their and their partner school's information. They can send this to their partner school.
Extension activities	Research the different types of flora and fauna of their and their host country. They could examine common links between the types of plants and animals with the country's climate. And/or investigate any recent changes in the weather/climate in their or their partner school's and possible reasons for these changes
Useful resources	http://www.epa.gov/climatechange/kids/climateweather.html A website for kids on weather and climate including environmental aspects such as global warming/climate change. http://www.worldclimate.com/ Information on the weather and climate around the world http://www.climatecentral.org/videos/category/show/flora_fauna videos about the effects of climate changes on flora and fauna.



Connecting Classrooms

Joint Curriculum Project Notes

Project: Weather and Climate! - good for mixed ages

Aims and Outcomes: This project invites students to share information about the weather and climate with a partner school. They discuss the similarities and differences between the weather and climate in their countries. Students could also extend their research to discuss flora and fauna.

UK Curriculum links:

Geography at key stage 3

The '*Weather and Climate*' project fits in well with concepts of Geography at Key Stage 3.

1.1 Place

Developing 'geographical imaginations' of places

1.7 Cultural Understanding and Diversity

Appreciating the differences and similarities between people, places, environments and cultures to inform their understanding of societies and economies.

ICT at key stage 3

This project also fits in with the key concepts of ICT at Key Stage 3

1.1 Communication and Collaboration

Exploring the ways that ICT can be used to communicate, collaborate and share ideas on a global scale, allowing people to work together in new ways and changing the way in which knowledge is created.

Citizenship at key stage 3

This project also ties in with the key concept of Identity and Diversity at Key Stage 3.

1.3 Identity and Diversity

Considering the interconnections between the UK and the rest of Europe and the wider world.



Connecting Classrooms

Cross-curriculum dimensions:

The 'Weather and Climate' project engages students in the following cross-curricular dimensions:

Technology and the Media

Students use and manage information effectively, learning to question the authenticity, accuracy and reliability of the information they encounter.

Students use technology confidently and productively to find things out, try things out, develop and present ideas, and communicate with local and global audiences.

Global Dimension and sustainable development

Students communicate with people from a range of countries and cultures.

Students may understand long term global challenges including climate change, conflict and development and how these issues impact on and change society.

They are given the opportunity to investigate how environmental change arises, including the impact of human activity.

Personal, Learning and Thinking Skills:

'The Weather and Climate' project helps learners develop the following PLTS areas:

Independent enquirers: analyse and evaluate information, judging its relevance and value and support conclusions, using reasoned arguments and evidence.

Reflective Thinkers: communicate their learning in relevant ways for different audiences.



Connecting Classrooms

Key language:

Vocabulary to talk about the weather, seasons and climate

Vocabulary used to talk about the environment

Modals to talk about what we could, should and have to do to help the environment

The English language used in the 'Climate and Change' project can be supported and extended through the following links from British Council's Learning English website:

Matching game for different types of weather

<http://learnenglishkids.britishcouncil.org/en/language-games/matching/weather>

An activity to learn about the weather all over the world

<http://learnenglishkids.britishcouncil.org/en/practise-listening/whats-the-weather>

Listen to kids talk about what we can do to help the environment

<http://learnenglishkids.britishcouncil.org/en/kids-talk/the-green-thing>