

These six-lesson schemes of work provide a framework to teach a unit of KS2 geography. See the notes in red under each heading below for further details on how these schemes are structured. To give you flexibility with your lessons, additional resources are listed under: Reading Resources, Enquiry Activities, Vocabulary Game, Assessment/End of Topic Review and Making Connections Across Subjects. These can be used in addition to the Lesson Resources if you have more time or more than six lessons in your unit.

## Enquiry Theme:

An overarching enquiry question to form the basis of your lesson.

## Learning Objective:

The lesson's objective.

## Success Criteria:

What the children should achieve by the end of the lesson.

## Reading Resources

Any guided reading texts, fact files or word mats related to the lesson will be referenced here. They can be used in addition to the lesson resources or as support during the lesson.

## Key Words

A group of suggested words that can be displayed during the lesson to support learning.

## Lesson Resources

Here you will find a list of all of the resources you need for each lesson. Before the lesson begins, you will need to open the relevant PowerPoint presentation (oddizzi.com - teachers - topic planning). Paper-based resources will need to be printed for pupils to use. Physical resources will also be listed here, such as atlases and apparatus. All topics begin with a Knowledge Organiser which can be found in the resource pack.

## Main Teaching Points

An overview of the lesson is highlighted.

PowerPoint slide numbers for each lesson are clearly identified.

Online pages/films to support the PowerPoint are referenced.

## Pupil Activities

### Whole class activity

This provides a chronological commentary for the activities the children will carry out during the lesson using the lesson resources.

### Atlas activity

An activity that involves the use of an atlas to explore the lesson objective.

### Practical activity

This provides the option of an activity that is more hands on.

### Enquiry activities

Open and closed enquiry questions can be used as a dialogue throughout the lesson, as a focus point to drive learning forward or as a plenary.

The What If questions can also be used verbally, as a whole class activity or as an individual written extension activity during a lesson.

### Vocabulary game

There are two vocabulary games in each unit, in lessons three and six. They are to be played as a whole class, in teams of two.

### Assessment/End of topic review

An assessment paper that can be used to individually track learning or as a whole-class end-of-topic review.

### Making connections across subjects

Suggested additional activities for the lesson that link to other subjects such as English or Maths.

## National curriculum links

- National Curriculum statements that relate to the lesson will be displayed here.

All resources can be found at: [oddizzi.com](http://oddizzi.com) - teachers - topic planning - climate zones

## Enquiry Theme:

Why does a place's location in the world affect its climate?

## Learning Objective:

Identify the different lines of latitude and explain how latitude is linked to climate

## Success Criteria:

I can define the difference between weather and climate  
I can identify different lines of latitude, including the Equator, on a map  
I can explain the significance of key lines of latitude, including the Equator

## Reading Resources

*To use in English lessons, guided reading sessions, small group work, or as homework tasks.*

**Guided Reading:** Climate Zones

## Key Words

climate	latitude
weather	Equator

## Lesson Resources

**PowerPoint:** Climate Zones

**Knowledge Organiser:** Climate Zones

**Online Page:** See Main Teaching Points

**Online Map:** Interactive OddPod map

**Map Resource:** Lines of latitude

## Main Teaching Points

This lesson looks at the difference between weather and climate, the definition of latitude and how it affects climate.

*Online Pages: Explore the world - weather and climate - climate - Latitude*

*Climate Zones PowerPoint - Slides 2 to 10*

## Pupil Activities

### Whole class activity

Read through the **Knowledge Organiser** for this topic as a class. Pupils complete the labels on the map and answer the related questions.

### Enquiry activities

- What is the difference between weather and climate?
- What do the lines across a world map show?
- How is latitude linked to climate?
- How does the shape of the world affect our climate?

What if...the Earth was shaped like a cube?

### Quiz

*Play individually, as a class or at home.*

Weather and Climate

## National curriculum links

- Identify the position and significance of latitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn and Arctic and Antarctic Circle.

All resources can be found at: [oddizzi.com](https://www.oddizzi.com) - teachers - topic planning - climate zones

## Enquiry Theme:

What on earth is a climate zone?

## Learning Objective:

Locate different climate zones and explore the differences between the Northern and Southern Hemispheres

## Success Criteria:

I can explain the significance of the Northern and Southern Hemispheres  
I can describe the location of different climate zones around the world

## Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

**Guided Reading:** Climate Zones

## Key Words

hemisphere	sphere
axis	season

## Lesson Resources

**PowerPoint:** Climate Zones

**Online Pages:** See Main Teaching Points

**Map Resource:** Locating climate zones

## Main Teaching Points

This lesson explores the significance of the Northern and Southern Hemispheres and how the Earth's tilt affects seasons and identifies the different climate zones.

*Online Pages: Explore the world - weather and climate - climate - Latitude*

*Online Pages - Explore the world - weather and climate - climate - The Earth is a sphere*

*Online Pages - Explore the world - weather and climate - climate - The Earth is tilted*

*Climate Zones PowerPoint - Slides 11 to 17*

## Pupil Activities

### Whole class activity

Suggestion: read the guided reading either as a class or individually to give pupils a better understanding of climate zones.

Pupils follow the instructions on the map to shade the different climate zones.

Next, they answer the questions relating to the map.

Looking at the climate zones map on slide 15, which of these climate zones might get bigger and which smaller if the climate got cooler?

### Enquiry activities

- How does the climate vary between the Equator and the Poles?
- What are the main climate zones?
- How do we get our seasons?
- Why do Australians sometimes spend Christmas on the beach?

What if...the world's climate got slightly cooler every year?

### Quiz

*Play individually, as a class or at home.*

Weather and Climate

## National curriculum links

- Describe and understand key aspects of: physical geography, including: climate zones.
- Identify the position and significance of latitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn and Arctic and Antarctic Circle.

All resources can be found at: [oddizzi.com](https://www.oddizzi.com) - teachers - topic planning - climate zones

## Enquiry Theme:

How is the climate in the UK different from that in the tropics?

## Learning Objective:

Compare temperate and tropical climates

## Success Criteria:

I can compare climate data for different locations

## Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

**Guided Reading:** Climate Zones

## Key Words

temperate	temperature
tropical	precipitation

## Lesson Resources

**PowerPoint:** Climate Zones

**Online Pages:** See Main Teaching Points

**KS2 Activity:** Comparing temperate and tropical climates

## Main Teaching Points

This lesson compares temperate and tropical climates by looking at precipitation levels and temperature.

*Online Pages: Explore the world - weather and climate - climate - Temperate*

*Online Pages: Explore the world - weather and climate - climate - London*

*Online Pages - Explore the world - weather and climate - climate - Tropical*

*Online Pages: Explore the world - weather and climate - climate - Manaus*

*Climate Zones PowerPoint - Slides 18 to 26*

## Pupil Activities

### Whole class activity

Pupils study the temperature graphs for London and Manaus and discuss their similarities and differences. Using the information from the graphs, pupils answer the questions.

Repeat, using the precipitation graphs and questions.

### Enquiry activities

- What sort of climate zone is the UK in?
- How does the temperature in London compare with that in Manaus?
- How does the rainfall in London compare with that in Manaus?
- How might those differences affect the landscape and vegetation of each place?

What if...the UK only had two seasons?

### Vocabulary game

Climate Zones 1 Follow Me Cards and Teacher Notes

### Quiz

*Play individually, as a class or at home.*

Weather and Climate

## National curriculum links

- Describe and understand key aspects of: physical geography, including: climate zones.
- Mathematics link: Interpret and present data using bar charts and tables (Yr 3).

All resources can be found at: [oddizzi.com](http://oddizzi.com) - teachers - topic planning - climate zones

## Enquiry Theme:

How does the climate vary around the world?

## Learning Objective:

Explore weather patterns within a climate zone

## Success Criteria:

I can complete a bar graph to present precipitation data  
I can complete a bar graph to present temperature data

## Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

**Guided Reading:** Climate Zones

## Key Words

temperature	tropical
precipitation	arid
temperate	polar
Mediterranean	

## Quiz

Play individually, as a class or at home.

Weather and Climate

## Lesson Resources

**PowerPoint:** Climate Zones

**Online Pages:** See Main Teaching Points

**KS2 Activities:** 1. Manaus: How hot? 2. Manaus: How wet? 3. Cairo: How hot? 4. Cairo: How dry? 5. Seville: How hot? 6. Seville: How wet? 7. London: How hot? 8. London: How wet? 9. Nuuk: How cold? 10. Nuuk: How wet? 11. Climate Zone note taking template 12. Climate case study note taking template

## Main Teaching Points

This lesson looks at the temperature and precipitation levels of each climate zone and provides pupils with the opportunity to read and complete their own data.

*Online Pages: Explore the world - weather and climate - climate - Tropical - Manaus*

*Online Pages: Explore the world - weather and climate - climate - Arid - Cairo*

*Online Pages: Explore the world - weather and climate - climate - Temperate - London*

*Online Pages: Explore the world - weather and climate - climate - Mediterranean - Seville*

*Online Pages: Explore the world - weather and climate - climate - Polar - Nuuk*

*Climate Zones PowerPoint - Slides 27 to 35*

## Pupil Activities

### Whole class activity

Pupils complete one or all of the packs for each climate zone. They use the table of data to help them complete the half-finished temperature and precipitation graphs, and answer the questions by analysing the data.

Pupils complete a case study of a climate zone using either of the note-taking writing frames.

**Extension:** Pupils must complete the whole graph using the data in the table.

### Enquiry activities

- Which climate zones are the wettest and driest?
- Which climate zones are the hottest and coolest?
- How does the climate vary between different zones?
- How do the seasons vary between different zones?

What if...you moved to live in the tropics?

## National curriculum links

- Describe and understand key aspects of: physical geography, including: climate zones
- Mathematics links:  
Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts (Yr 4)  
Round decimals with one decimal place to the nearest whole number (Yr 4)  
Use negative numbers in context (Yr 6)



All resources can be found at: [oddizzi.com](http://oddizzi.com) - teachers - topic planning - climate zones

## Enquiry Theme:

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

## Learning Objective:

Write a weather forecast for a typical day in your choice of climate zone  
Compare the climates of Seville and Santiago

## Success Criteria:

I can describe the weather of a typical day in a place with a contrasting climate

## Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

**Guided Reading:** Climate Zones

## Key Words

temperature	tropical
precipitation	arid
temperate	polar
Mediterranean	

## Quiz

Play individually, as a class or at home.  
Weather and Climate

## National curriculum links

- Describe and understand key aspects of: physical geography, including: climate zones
- Mathematics link: Read, write and convert time between analogue and digital 12- and 24-hour clocks (Yr 4)

## Lesson Resources

**PowerPoint:** Climate Zones

**Online Pages:** See Main Teaching Points

**KS2 Activities:** 1. Comparing climate in Seville and Santiago 2. Weather forecast 3. Word Ban - Climate Zones

**Atlas Activity:** Seville and Santiago

**Additional Resources:** Atlases

## Main Teaching Points

This lesson compares the climate in Seville and Santiago.

*Online Pages: Explore the world - weather and climate - climate - Tropical - Manaus*

*Online Pages: Explore the world - weather and climate - climate - Arid - Cairo*

*Online Pages: Explore the world - weather and climate - climate - Temperate - London*

*Online Pages: Explore the world - weather and climate - climate - Mediterranean - Seville*

*Online Pages: Explore the world - weather and climate - climate - Polar - Nuuk*

*Climate Zones PowerPoint - Slides 36 to 41*

## Pupil Activities

### Whole class activity

Pupils complete a weather forecast for a location of their choice, using the template provided.

Pupils compare the temperature and precipitation in Seville and Santiago by discussing the graphs for both places. They then answer the questions by analysing the graphs.

**Extension:** Use [oddizzi.com](http://oddizzi.com) online pages (see Main Teaching Points) to find out more about the Mediterranean climate zone.

Children use the **Word Ban** sheet to describe vocabulary they have acquired throughout the unit to their peers.

### Atlas Activity

Pupils use an atlas to locate Seville and Santiago, to understand where they are in relation to one another and to consider how this affects their climate.

### Enquiry activities

- How might the weather in each place change during the year?
- How might the weather in each place change during a typical day?
- Why are the seasons in Seville different from those in Santiago, even though they are in the same sort of climate zone?
- Which climate zones might have similar weather at the same time?

What if...the Earth stopped tilting on its axis?

All resources can be found at: [oddizzi.com](https://oddizzi.com) - teachers - topic planning - climate zones

## Enquiry Theme:

What is special about each climate zone?

## Learning Objective:

Identify the characteristics of each climate zone

## Success Criteria:

I can identify the key characteristics of different climate zones around the world

## Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

**Guided Reading:** Climate Zones

## Key Words

temperature	tropical
precipitation	arid
temperate	polar
Mediterranean	

## Vocabulary game

Climate Zones 2 Follow Me Cards and Teacher Notes

## Assessment/End of topic review

Climate Zones assessment paper LKS2 and UKS2

## Quiz

Play individually, as a class or at home.  
Weather and Climate

## Lesson Resources

**PowerPoint:** Climate Zones

**Online Pages:** See Main Teaching Points

**KS2 Activities:** 1. Characteristics of different climate zones 2. Persuasive text writing frame (End Point Assessment Activity)

## Main Teaching Points

This lesson looks at the characteristics of each climate zone.

*Online Pages: Explore the world - weather and climate - climate - Tropical - Manaus*

*Online Pages: Explore the world - weather and climate - climate - Arid - Cairo*

*Online Pages: Explore the world - weather and climate - climate - Temperate - London*

*Online Pages: Explore the world - weather and climate - climate - Mediterranean - Seville*

*Online Pages: Explore the world - weather and climate - climate - Polar - Nuuk*

*Climate Zones PowerPoint - Slides 42 to 45*

## Pupil Activities

### Whole class activity

Pupils identify each of the climate zones using the images and descriptions.

Using the persuasive writing frame, pupils choose a climate zone and write to persuade someone to live there. (End Point Assessment Activity.)

### Enquiry activities

- What would it be like to live in each different climate zone?
- What sort of vegetation and landscape might you expect in each zone?
- Taking one climate zone, what would the advantages of living there be?
- What would the drawbacks of living in that climate zone be?

What if...there was a tropical downpour in the desert?

## National curriculum links

- Identify the position and significance of latitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn and Arctic and Antarctic Circle.
- Describe and understand key aspects of: physical geography, including: climate zones.