

What should I already know?

- ◆ That London is the capital city of England.
- ◆ Locate the UK on a world map.

Geography Knowledge

Locate the source of the Thames and the direction in which it flows.

Name natural and human landmarks in London.

Compare London with another densely populated European city.

Identify and explain the significance of GMT.

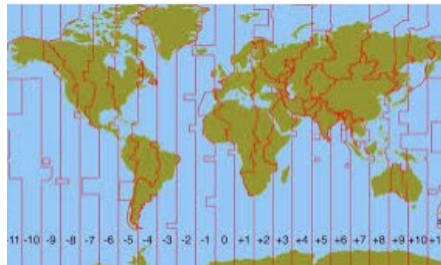
Geography Skills and Fieldwork

- ◆ Use an European map to locate the countries of the UK and name their capital cities.
- ◆ Name and label the seas around the UK.
- ◆ Use a map to locate the capital cities of European countries.
- ◆ Locate the river Thames on a map.
- ◆ Use an OS map to locate natural and human landmarks in London.
- ◆ Use geographical knowledge to compare London and another densely populated European city.
- ◆ Use aerial photos, maps and Atlases to compare cities.

Vocabulary

London	The capital city of England.
Tributaries	A river or stream flowing into a larger river or lake.
River Thames	A river that flows through the southern parts of England including London.
Capital city	The city or town that functions as the seat of government and administration.
Erosion	The gradual destruction of something.
City	A large town usually containing a cathedral.
Population	All the inhabitants of a particular place.
Man-made	Made or caused by human beings
Natural	Existing in or derived from nature; not made or caused by humankind.
Developed	To grow or cause to grow and become more mature, advanced, or elaborate.
Population density	The number of people per unit of area, usually quoted per square kilometre or
Meanders	A river or road following a winding course

Diagrams

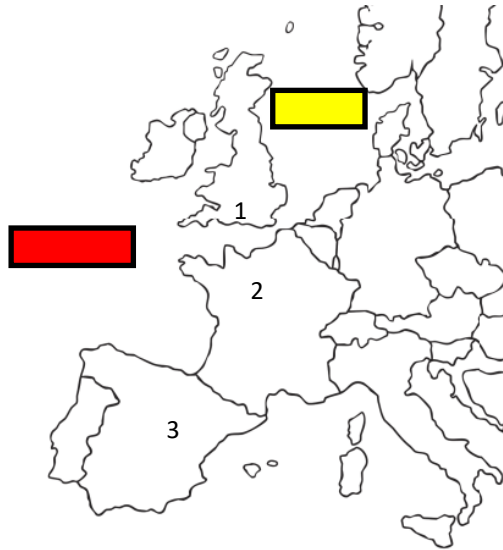


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Topic: Why is London an important city?

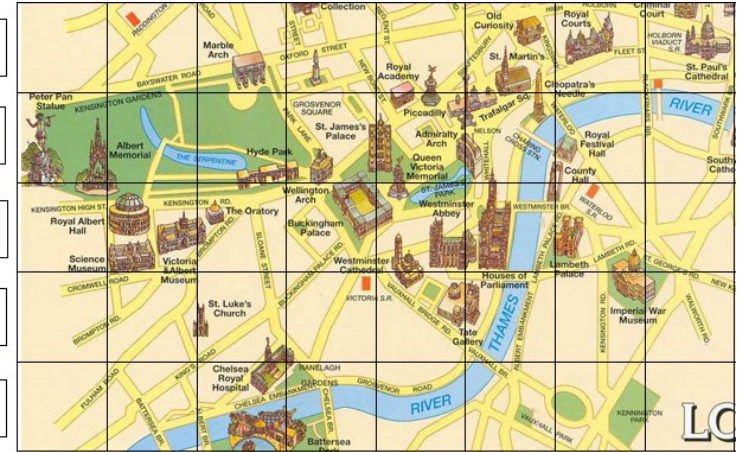
Year 5—Dolphins

Strand: Geography



Question 3: Name 4 landmarks in the grid squares	Start of unit:	End of unit:
347, 435		
354, 416		
387, 456		
320, 432		

45
44
43
42
41



31 32 33 34 35 36 37 38

Question 1: Name the seas	Start of unit:	End of unit:

Question 2: Name the capital cities	Start of unit:	End of unit:
1.		
2.		
3.		

Question 4: Tick all statements that are true	Start of unit:	End of unit:
London has a population of 8.7 million.		
The population of Paris is larger than London.		
The population of London is decreasing.		

Question 5: Where is the source of the River Thames?	Start of unit:	End of unit:

Question 6: True or False	Start of unit:	End of unit:
The Thames is 364km long		
The Thames is the longest river in the UK.		

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Year 5—Dolphins

Strand: Geography

Question 7: Compare the similarities and difference between London and Madrid.	Start of unit:	End of unit:
Question 8: Why is London a popular tourist destination?	Start of unit:	End of unit:
Question 9: Describe some of the features of the River Thames.	Start of unit:	End of unit:

Topic: Why is the planet melting?

Year 5—Dolphins and Octopus

Strand: Geography

What should I already know?

The seven continents (including Antarctica) and five oceans of the world.
Examples of some countries around the world

Geography Skills and Fieldwork

Locate where the polar biomes can be found using maps, globes and atlases.
Locate the countries that the Arctic tundra can be found in. Describe the climate in the polar biomes and explain why this is the case.
Explain the effect that climate change has on the Arctic tundra.
Explain why there is a lack of vegetation in the polar biomes.

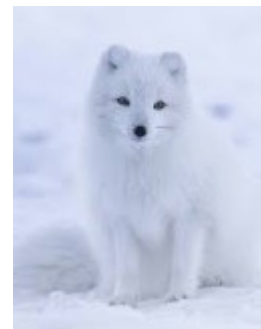
Key information.

The polar biomes (which include the Arctic tundra) are harsh environments that only the toughest plants and animals can survive in.
The habitat has a long and brutal winter and the barren landscape provides many challenges.
There are only two main seasons; winter and summer. The hours of daylight varies greatly between the seasons.
Unfortunately, the Arctic tundra is shrinking as a result of climate change; the increasing temperatures are causing the permafrost to melt.
Global warming is causing a decline in animals habitats and this is decreasing the animal population in the Arctic.
Humans are attempting to control global warming by

Vocabulary

adaption	The process of change by which an organism or species becomes better suited to its environment.
Arctic	The area of the world around the North Pole. It is extremely cold and there is very little light in winter and very little darkness in summer
biome	A natural area of vegetation and animals
climate	The general weather conditions that are typical of a place
climate change	Changes in the Earth's climate, especially the gradual rise in temperature, as a result of human activity
habitat	The natural environment in which an animal or plant normally lives or grows
permafrost	Land that is permanently frozen to a great depth
polar	near the North and South Poles
seasons	Main periods of the year that can have their own weather conditions

Images



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Topic: Why is the planet melting?

Year 5—Dolphin and Octopus

Strand: Geography

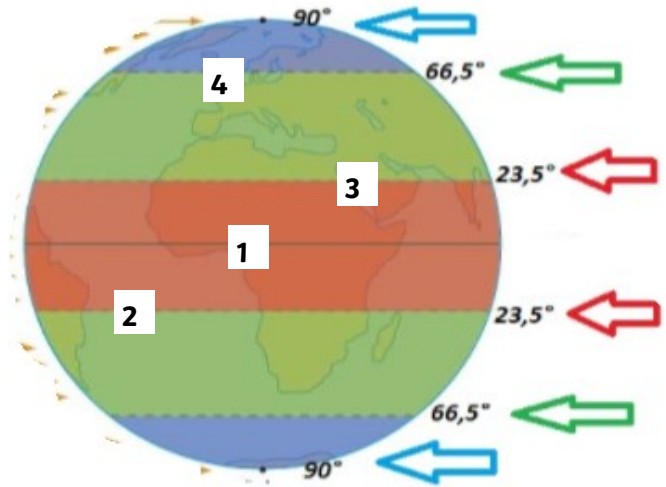
Question 1: Tick the countries in the Arctic Circle.	Start of unit:	End of unit:
England		
Finland		
Russia		
Italy		
America		
Canada		
Greenland		

Question 2: The weather in the tundra is usually...	Start of unit:	End of unit:
cold and wet		
warm and dry		
cold and dry		

Question 3: Name the line found at each point.	Start of unit:	End of unit:
1.		
2.		
3.		
4.		

Question 3: Tick all statements that are false.	Start of unit:	End of unit:
The Arctic has 3 seasons Summer, Winter and Spring.		
In the summer the Arctic experiences 24 hours of sunlight.		
The temperature in the Arctic is between -10 and 5 degrees.		

Question 4: A synonym for barren is ...	Start of unit:	End of unit:



Question 5: Name the three climate zones shown on the globe above.	Start of unit:	End of unit:

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Year 5—Dolphins and Octopus

Strand: Geography

How will Global warming affect the Arctic? THINK -Climate, wildlife, vegetation, tourism and Economy	Start of unit:	End of unit:
How will the melting polar ice caps affect the world?	Start of unit:	End of unit:
How are humans attempting to control the environment in order to limited the damage of climate change?	Start of unit:	End of unit: