

# World Climates

Year 6

Spring 2 – Week 2



# Friday 5<sup>th</sup> March 2021

## L.O: To be able to infer information.

### Success Criteria

- Explain how latitude affects the physical features of a geographical region.
- Use maps and atlases to locate countries and regions of the Americas.
- Identify the geographical location and key characteristics of different places across the Americas.

# What did you learn on Monday?

1. What are the two Hemispheres?
2. What is the difference between Weather and Climate?
3. Name the six different Climates.
4. What are Biomes?

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1. What are the two Hemispheres?

**Northern Hemisphere and Southern Hemisphere.**

2. What is the difference between Weather and Climate?

**Weather changes daily and it is the temperature and conditions for the day. Climate is the average weather condition of a place over a long period of time.**

3. Name the six different Climates.

**Polar, Temperate, Arid, Tropical, Mountainous and Mediterranean.**

4. What are Biomes?

**Biomes are areas of our planet with similar climates, landscapes, animals and plants.**

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2. Name an important line of Latitude that can be found in the middle of the Earth?
3. Name three other important lines of Latitude.

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1. What does Latitude mean?

**Lines of latitude (also known as parallels) circle the Earth from east to west. These invisible lines are all the same distance apart. One line to the next is known as 1 degree.**

2. Name an important line of Latitude that can be found in the middle of the Earth?

**The Equator is an important line of Latitude.**

3. Name three other important lines of Latitude.

**The Tropic of Cancer, the Tropic of Capricorn and the Arctic Circle.**

# What did you learn on Wednesday and Thursday?

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2. What has caused Climate Change?
3. What are the effects of Greenhouse Gases?
4. How can Climate Change be slowed down?

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1. What is Climate Change?

**Climate change is a term used by experts when describing the way that both weather and climate systems are changing as a result of mankind's industrial activity across the world.**

2. What has caused Climate Change?

**Burning fossil fuels, Beef cattle farming and Agriculture fertilisers.**

3. What are the effects of Greenhouse Gases?

**The planet keeps getting hotter and hotter.**

4. How can Climate Change be slowed down?

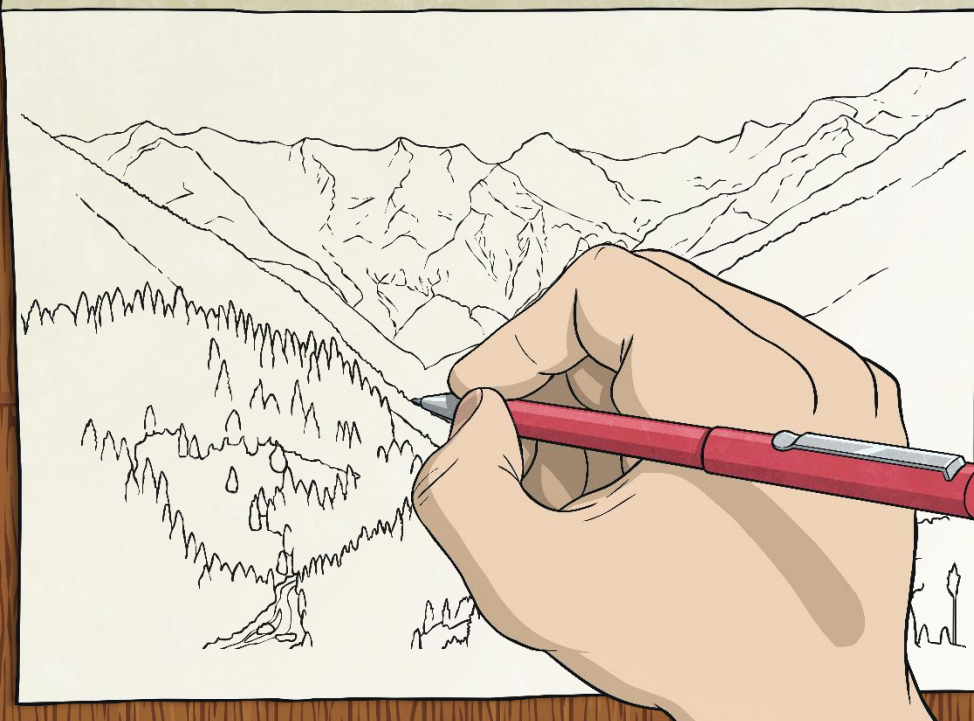


# What Do You Think It Looks Like?



**How are the places similar?**

**How are they different?**



Divide your paper into two.

On one half, draw or write about a place in North America.

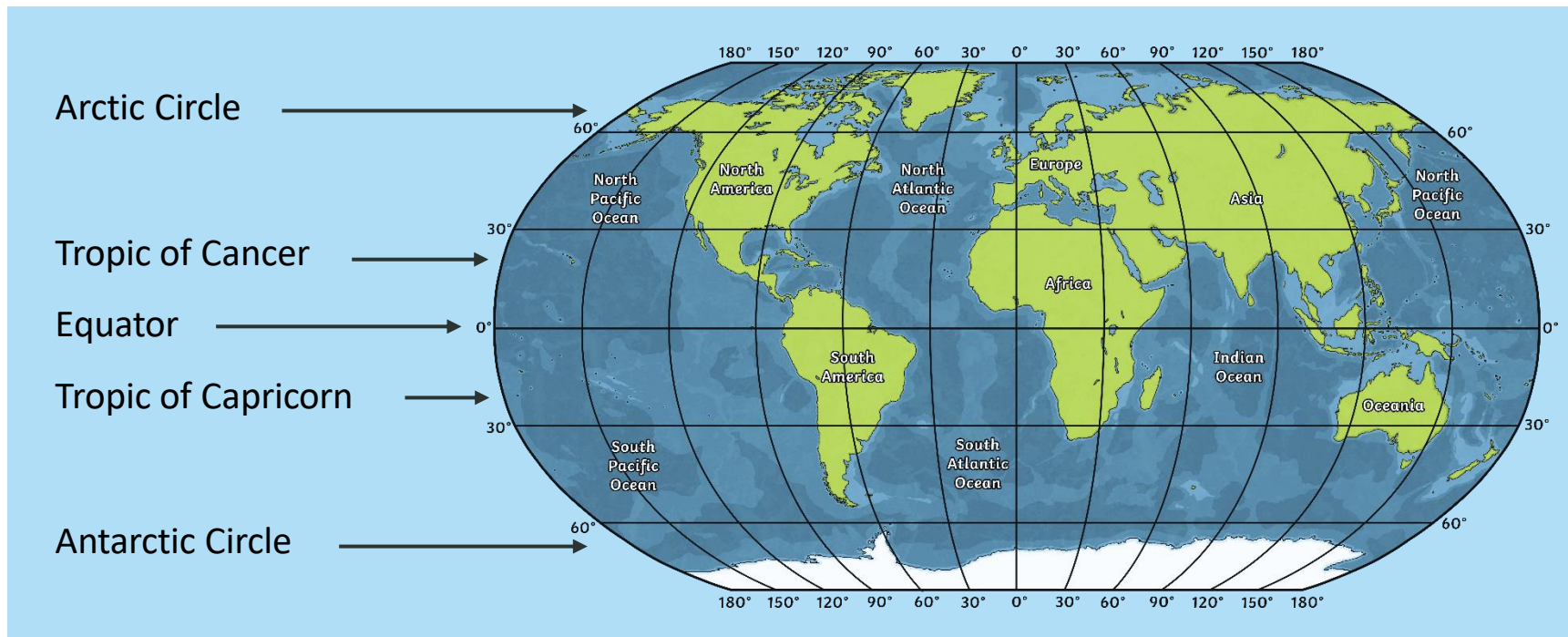
On the other half, draw or write about a place in South America.

Use the internet to find out facts about the places you chose.



# Latitude and Longitude

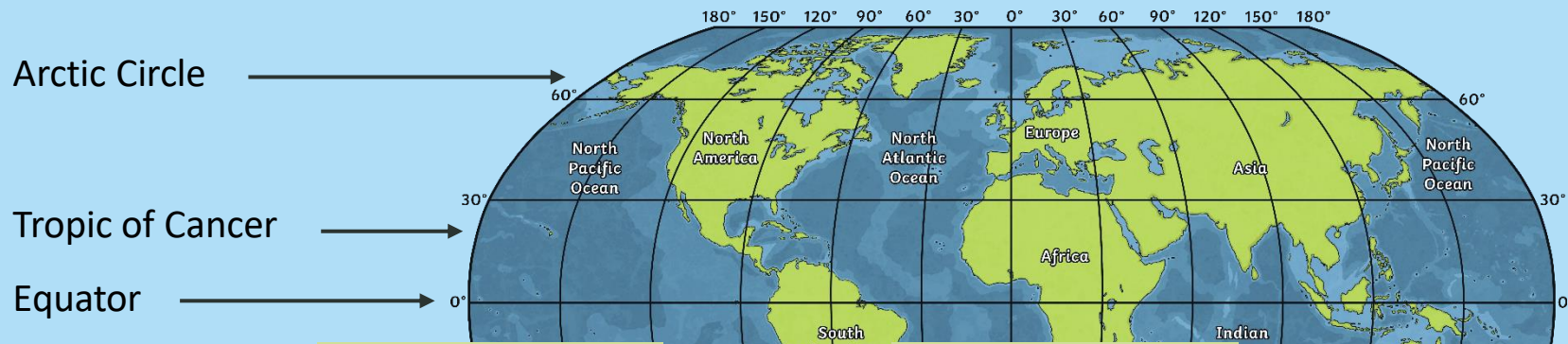
This world map shows the lines of latitude and longitude.  
What do the lines of latitude and longitude tell us?



Will the places in each land mass look the same? Why/Why not?

# Climate Zones

What do you know about these areas?  
Click each of the areas to find out more.

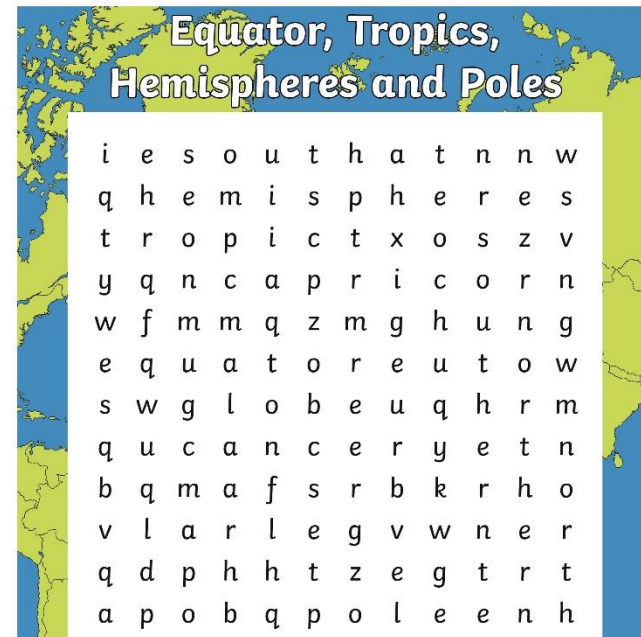


Close		Close		Close		Close		Close	
Antarctic Circle: an imaginary line around the southernmost part of Earth. Circles the South Pole.		Arctic Circle: an imaginary line around the northernmost part of Earth. Circles the North Pole.		Equator: An imaginary line around the globe at latitude 0°. The sun is directly above this line around 20 <sup>th</sup> March and 23 <sup>rd</sup> September.		Tropic of Cancer: an imaginary line around the globe at latitude 24° north. The sun is directly above this line at the solstice around 21 <sup>st</sup> June.			
1		2		3		4		5	

# Key Vocabulary



Complete the **Word Search Activity Sheet** on the next slide. Then, write a definition of each of the key words found.





# Hemispheres and Poles

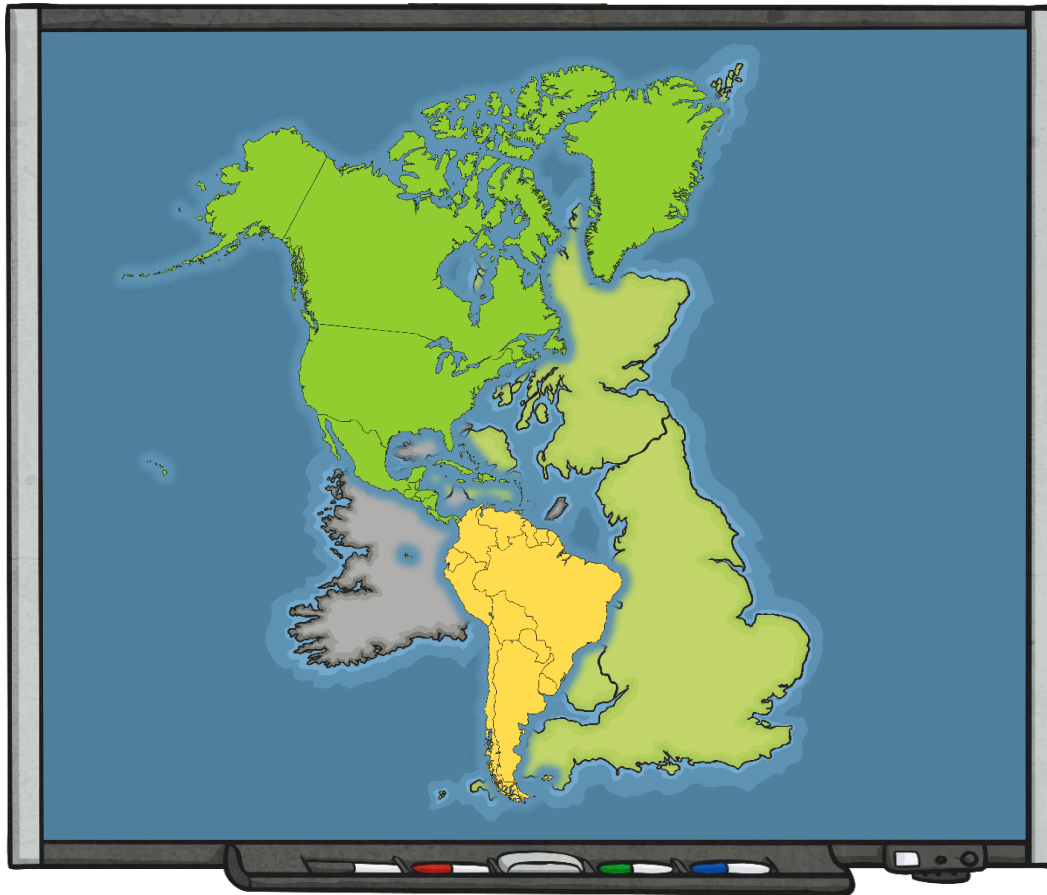
i e s o u t h a t n n w  
q h e m i s p h e r e s  
t r o p i c t x o s z v  
y q n c a p r i c o r n  
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e q u a t o r e u t o w  
s w g l o b e u q h r m  
q u c a n c e r y e t n  
b q m a f s r b k r h o  
v l a r l e g v w n e r  
q d p h h t z e g t r t  
a p o b q p o l e e n h

map  
globe  
southern  
northern

hemisphere  
equator  
tropic  
Cancer

Capricorn  
north  
south  
pole

# Geographical Locations and Characteristics



Unlike the United Kingdom, the Americas cover a huge area of the globe, extending over several lines of latitude and longitude. This means that the characteristics of different countries and regions vary significantly. These will include temperature, rainfall, vegetation and land use.

# Main Activity

I can describe the geographical location and characteristics of different places in the Americas.

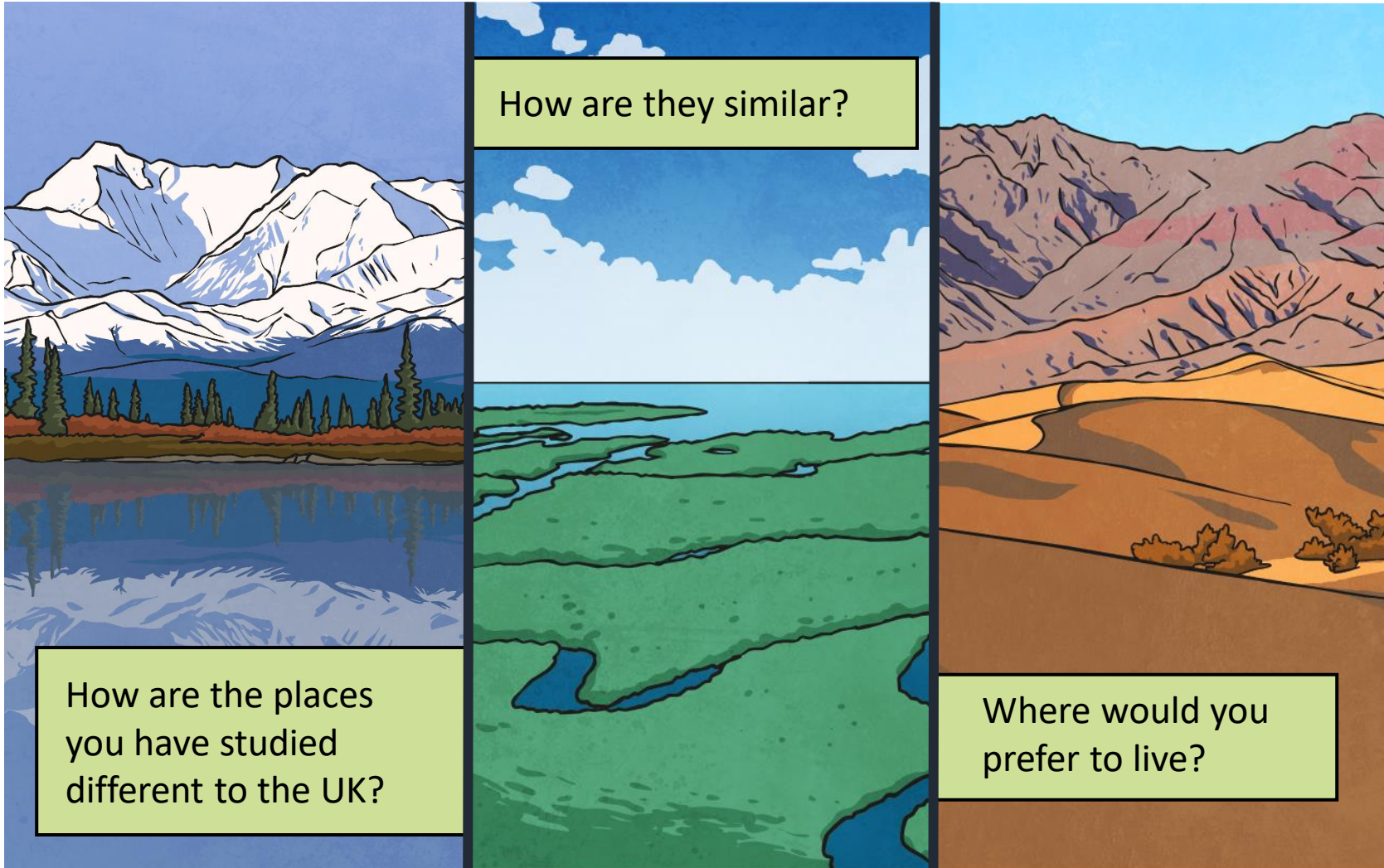


1. Use atlases, information books and the Internet to explain the geographical location of the following places in the Americas:

Place Name	Anchorage, Alaska	Rio de Janeiro
State and/or country		
Capital city		
Coordinates (latitude and longitude)		
Hemisphere		
Size (area, etc.)		
Natural (physical) features		
Time zone		
Typical weather (rainfall, summer and winter temperature, etc.)		

2. Find and describe other places in the world that share similar physical features with each of your chosen locations in the Americas. Explain why this might be the case.

# Making Comparisons





# P4C Thinking Deeper

What have you enjoyed the most, when learning about World Climates?



Email your completed work to your  
class teacher!

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