

Welcome to GCSE Geography



Where will it take us today?

	A01: Knowledge	A02: Understanding	A03: Application of K&U
Comprehensive	good range detailed and accurate fully relevant to the Qn	good range detailed and accurate fully relevant to the Qn	detailed & accurate analysis substantiated judgements substantiated evaluation
Thorough	range accurate relevant to the Qn.	range accurate relevant to the Qn.	accurate analysis supported judgements supported evaluations
Reasonable	some relevant to the Qn.	some; relevant to the Qn	some accuracy partially supported judgement partially supported evaluation
Basic	limited relevant knowledge	limited but relevant	limited analysis unsupported judgement unsupported evaluation

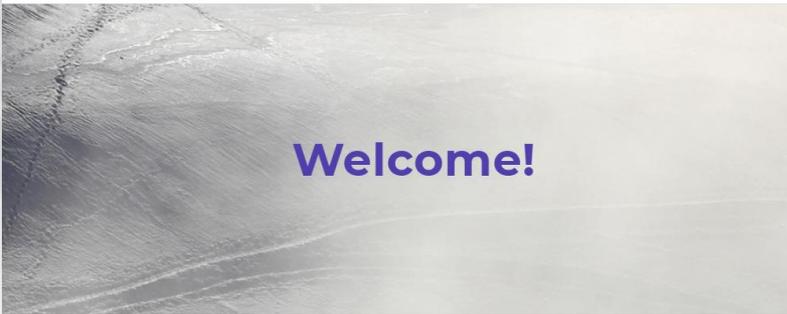


adageogjoe
@adageogjoe
#geography teacher @ H.A.D. Tweeting useful links about all things geographical.
West Midlands, England
Joined Feb 2017

TWEETS 799 FOLLOWING 76 FOLLOWERS 132 LISTED 2

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GEOGRAPHY Home KS3 **KS4** Links Twitter Games! GeoLingo Key Dates More... 🔍 👤



Welcome!

OCR B GCSE 9-1: Geography for Enquiring Minds

Use the links below to navigate to your current GCSE geography topic

- [Global Hazards](#)
- [Changing Climate](#)
- [Distinctive Landscapes](#)
- [Sustaining ecosystems](#)
- [Urban Futures](#)
- [Dynamic Development](#)
- [UK in the 21st century](#)
- [Resource Reliance](#)
- [Y11 Revision Resources](#)

The G.C.S.E geography course in a nutshell [well... a one page summary]

 [gcses_9-1_geography_news.pdf](#)
Download File

1	G	3c
		3b
		3a
2	F	4c
		4b
		4a
3	E	5c
		5b
		5a
4	D	6c
		6b
		6a
5	C	7c
		7b
		7a
6	B	8c
		8b
		8a
7	A	EP
		EP
		EP
8	A*	EP
		EP
		EP
9	A*	EP
		EP
		EP

TOPIC 1.1:

GLOBAL HAZARDS

1.1a: How can weather be hazardous?

ai) Climate zones

27/09/2018

Think back.....



3 cells

2 pieces of data on a climate graph inc units of measurement

Type of 'pressure' at the Poles



ITCZ stands for ?

Geolingo for incoming sun's rays

Type of climate found where the Hadley and Ferrel cells meet



Geolingo for how much a surface reflects or absorbs the sun's rays

Name of the part of the atmosphere where air circulates

Number of cells of air in each hemisphere

How many points can you rack up?

Where are the major climate zones of the world?

Learning is successful when I can:

- Name and locate the four main climate zones of the world and describe their characteristics
- Explain how the global circulation system affects these climate zones.
- Construct a climate graph

Impressive
Vocabulary
moderate

Keywords

Temperate
Tropical
Polar
Sub tropical

Geography Skills:

Scale
Conceptual
understanding
Graph skills

Literacy Skills:

Capital Letters
Exam writing

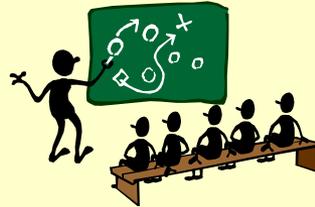
Employability Skills:

Independent thinking
Resilience (graphs)



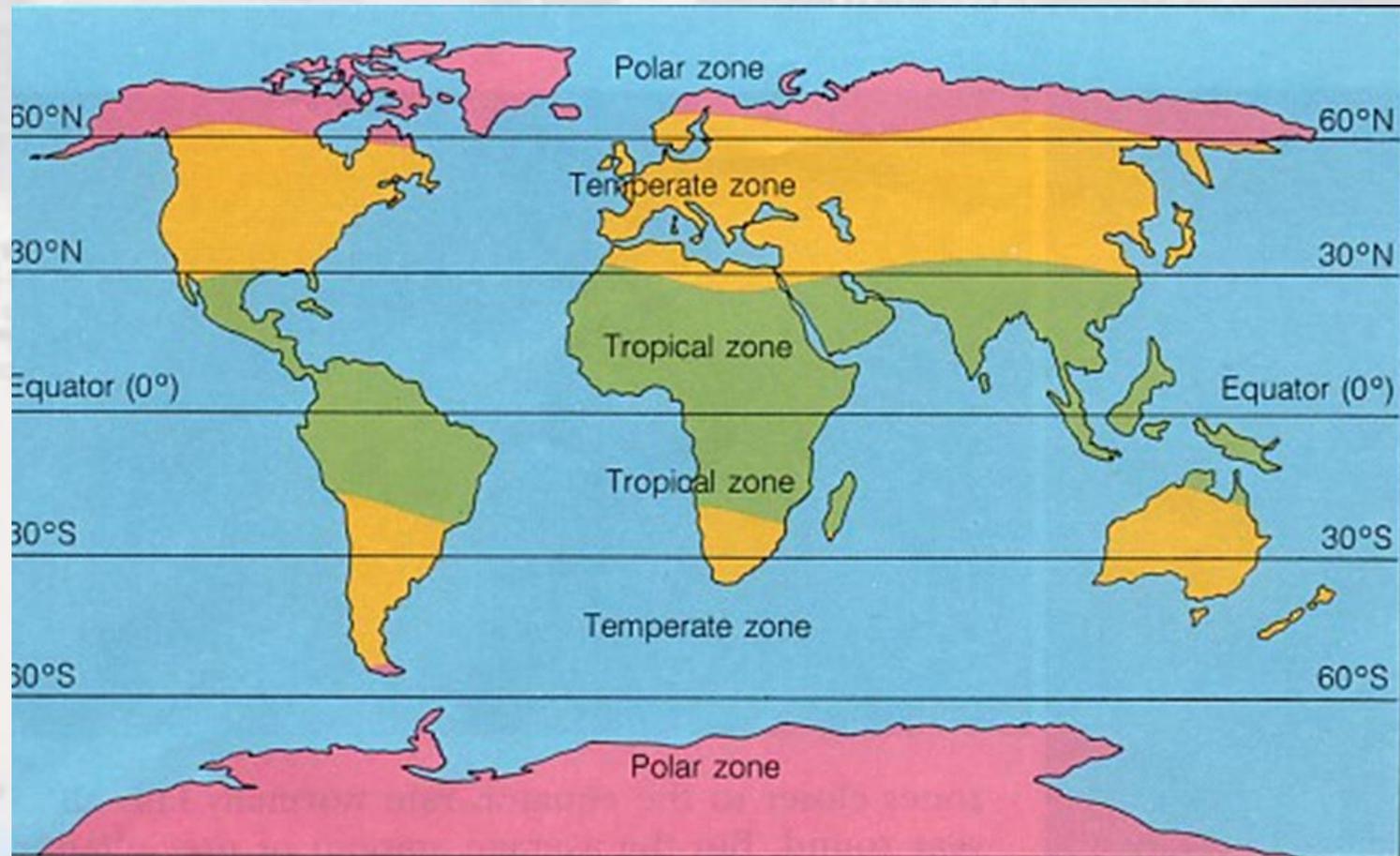
PRESENT NEW INFORMATION

LOOK, LISTEN, LEARN



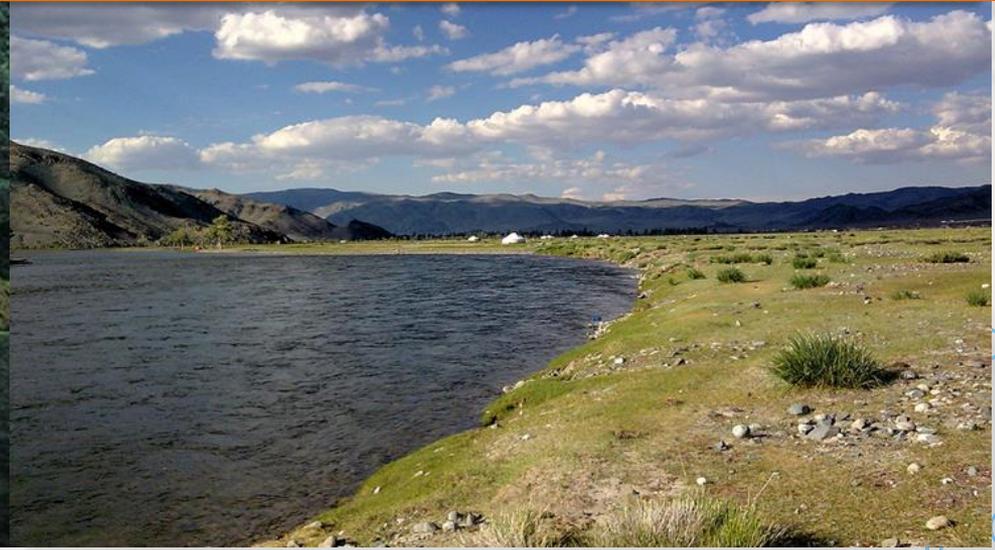
Reminder?

The GCS transfers ? and ? from the Equator to the Poles. A number of climate zones, or belts, can be traced between the Equator and the pole in each hemisphere as a result of these global movements of air and the atmospheric pressure that this generates.





What are the major climate zones of the world?



Over To You

1. Colour in your map to show the location of each of the 4 main climate zones.
2. Investigate the climate at each zone and suggest how the GCS contributes to this

Tropical Climate
Where do we find tropical climates?

What is the climate like here?

Why is the climate here like this?
Think about the impacts of the GCS.

Three countries found within this climate zone:

Where are the major climate zones of the world?

Key

- Tropical Climate
- Sub-tropical Climate
- Temperate Climate
- Polar Climate

Sub-tropical (Desert) Climate
Where do we find sub-tropical climates?

What is the climate like here?

Why is the climate here like this?
Think about the impacts of the GCS.

Three countries found within this climate zone:



Temperate Climate
Where do we find temperate climates?

What is the climate like here?

Why is the climate here like this?
Think about the impacts of the GCS.

Three countries found within this climate zone:

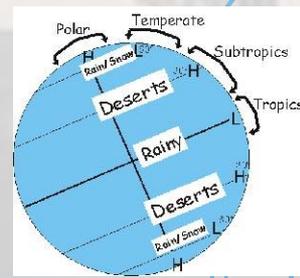
Polar Climate
Where do we find polar climates?

What is the climate like here?

Why is the climate here like this?
Think about the impacts of the GCS.

Three countries found within this climate zone:

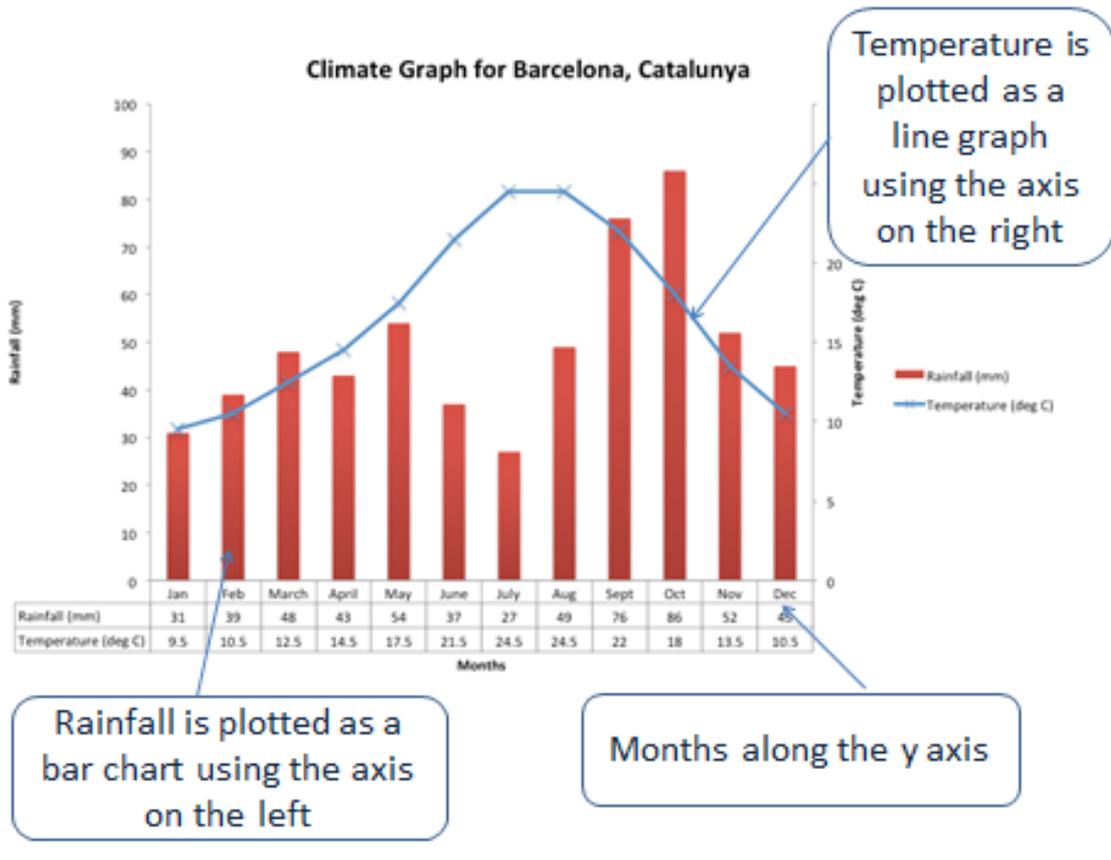
Revisit the 'weather extremes' map from the start of this unit – which extremes are found in which zone?



Challenge

1. Use the data you have been given to create a climate graph for a mystery location.
2. Which climate zone do you think your place is located?
3. Explain why you think this.
4. Which country do you think you are?

You could use an atlas to help you with this



Climate Graphs

1. Djanet, Algeria
2. Auckland, New Zealand
3. Rio de Janeiro, Brazil
4. Mombasa, Kenya
5. Korf, Russia
6. Paris, France
7. Sandakan, Borneo
8. New York, USA
9. Cairo, Egypt
10. Helsinki, Finland
11. Hanoi, Vietnam
12. Banff, Canada

Exam Question

Describe the characteristics of a sub-tropical climate zone. Give examples in your answer. (3 marks)

Exam Question

Describe the characteristics of a polar climate zone. Give examples in your answer. (3 marks)

Exam Question

Describe the characteristics of a temperate climate zone. Give examples in your answer. (3 marks)

Exam Question

Describe the characteristics of a tropical climate zone. Give examples in your answer. (3 marks)

Stock-check

Update your keyword list

- Temperate
- Tropical
- Polar
- Sub tropical



✓ Lit. Checklist

Peer assess, get your work checked.

Accuracy



Spelling



Grammar



✓ PLC Checklist

Track your coverage and assess your confidence



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Vocabulary
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Literacy Skills:

Capital Letters
Spelling
Exam responses

Employability Skills:

Independent thinking
Resilience (graphs)

Homework

SENECA
BETA

 Geography: OCR
B GCSE

1 Global Hazards

1.1 Weather Hazards

1.1.1 Global Atmospheric Circulation