

Weather and Climate – what does it mean?

Throughout this topic we will use these key words: weather and climate.

We need to make sure that we fully understand these terms.

<u>Weather</u> - the term weather relates to the condition of the air around us at a specific moment in time.

<u>Climate</u> - the term climate describes the average weather over a long period of time and is affected by a number of factors.

Weather and Climate

Weather: This is the atmospheric conditions (e.g. temperature, rainfall etc.) at a specific moment in time.

Climate: This is the average weather of a region over a long period of time.











Over the next few slides, I want you to think about weather and climate.

Sahara Desert

The Sahara desert is one of the driest places on Earth. In some places within the Sahara desert is has not rained in many years. Is this describing the weather or climate?

W = weather

C = climate



Iceland

Iceland is the coldest country on the planet. The country is snowand ice-covered, with freezing temperatures all year round. Is this describing weather or climate? W = weather

C = climate



Amazon Rainforest

In the Amazon rainforest it can rain almost everyday. Is this describing weather or climate?

W = weather

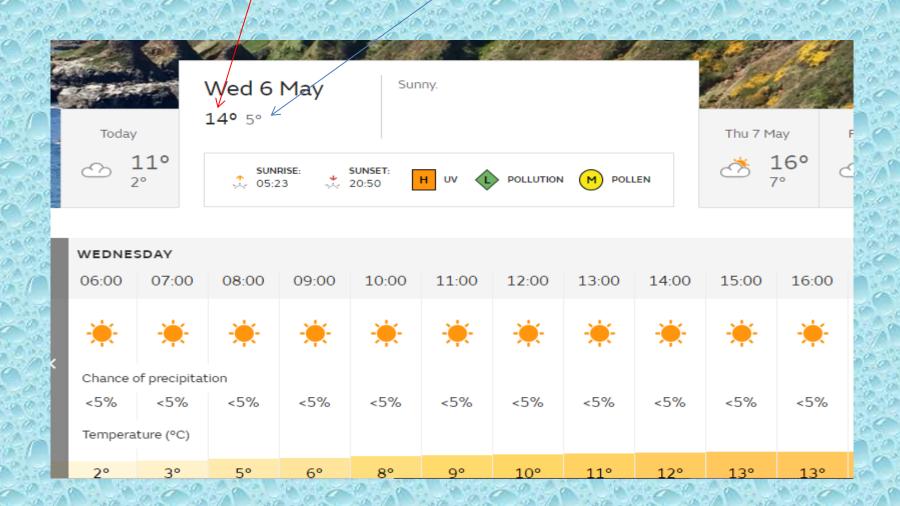
C = climate



Beautiful!!

<u>Weather report</u> – this weather report is for Rossendale. The day that is being shown is Wednesday 6th May 2020.

It tells us the highest temperature and the lowest temperature for the day. It also gives us a brief description of what we should expect.



Group 1 – TK TM

I would like you to find a weather report for the following places:

- Haslingden
- Farafra in Egypt

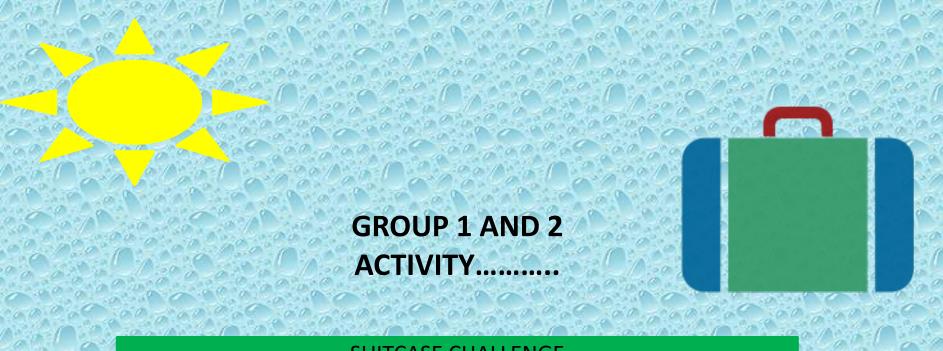
Is the weather different? How do you know?

Tasks for GROUP 1
AND GROUP 2 for
weather and
climate......

Group 2 – PM, TB, EH, EG, WW

I would like you to find a weather report for the following places:

- Haslingden
- Farafra in Egypt
- Reykjavik in Iceland
- Is the weather similar? Or is it different? Why is it different?



SUITCASE CHALLENGE

I WOULD LIKE YOU ALL TO THINK ABOUT THE WEATHER AND

CLIMATE OF:

Haslingden

Egypt – Sahara Desert

Iceland – Ice caps

South America – Amazon rainforest

What clothes would you need to take to these 4 different places and why? Write a list of what you would need to take if you were going on holiday to these places.

TASK FOR GROUP 3 AND 4 for weather and climate

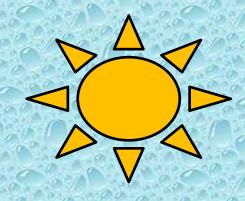
When you have written your weather report and compared them, highlight key words for weather in one colour and key words for climate in another colour.

I would like you to find a weather report for 3 different towns that are near the Amazon Rainforest, in Iceland and Egypt.

I would like you to compare the weather from these 3 places and the climate.

- Are they hot or cold?
- Dry or humid?
- How are the similar/different?
- When does the sun rise and set?





GROUP 3 AND 4 ACTIVITY.....

SUITCASE CHALLENGE......

I WOULD LIKE YOU ALL TO THINK ABOUT THE WEATHER AND CLIMATE OF THE TOWNS YOU HAVE FOUND FOR YOUR WEATHER REPORT.

What clothes would you need to take to these different places and why? Write a list of what you would need to take if you were going on holiday to these places. Why would you pack these clothes? Why would you need shorts for a hot place and a jumper for a cold place?