

Worksheet A- Answers

1. What is the difference between climate and weather?

Weather – the elements we observe daily, such as rain, temperature, wind. They can change hour by hour, day by day. Climate – how the weather changes over a longer period, typically 30 years.

2. How many climate zones have the scientists defined? Can you name them?

6. (Equatorial, Arid, Mediterranean, Snow, Polar, Temperate)

3. What is the climate in the UK?

Temperate- not hot, not cold, nor wet, nor dry.

4. What drives our climate?

The sun. Sunlight provides energy which heats the earth.

5. What stops the heat from escaping back into space?

The atmosphere.

6. What is greenhouse effect?

Certain gases allow the sun energy through and stop it from escaping into space- acting like a greenhouse.

7. How cold would be the Earth without greenhouse effect?

8. – 30 C cooler than now.