



WEATHER AND CLIMATE REFERENCE POSTER



1. WEATHER vs CLIMATE

WEATHER

The condition of the atmosphere right now or over a short time.



Examples:

CLIMATE

The usual weather in a place over a long time (30+ years).



Examples:

2. ELEMENTS OF WEATHER

What is it? How is it measured?

ELEMENT	WHAT IT IS	HOW IT IS MEASURED
Temperature		
Precipitation		
Wind		
Cloud Cover		
Air Pressure		
Humidity		

3. WEATHER OBSERVATION

Date: _____ Location: _____

Time: _____ Season: _____

Temperature	Precipitation	Wind	Cloud Cover	Air Pressure	Humidity

Notes / What I notice:

4. COMMON WEATHER TYPES

Sunny	Partly Cloudy	Cloudy	Rainy	Stormy	Snowy

5. CLIMATE ZONES OF THE WORLD

Label or colour the climate zones on the map.



Climate Zones Key:

Tropical	Dry	Temperate	Polar	Highland

6. FACTORS THAT AFFECT CLIMATE

Latitude	
Altitude	
Distance from large bodies of water	
Ocean Currents	
Vegetation	

7. THINK, CONNECT, APPLY

Compare

How is today's weather different from the climate of this place?

Connect

How do the factors in Section 6 affect the climate of this place?

Apply

How might climate change impact weather and our lives?

KEY VOCABULARY

Weather	The condition of the atmosphere at a particular time.
Climate	The usual weather in a place over a long time (30+ years).
Precipitation	Water that falls from clouds (rain, snow, sleet, hail).
Humidity	The amount of water vapour in the air.
Air Pressure	The force exerted by the weight of the air.
Climate Zone	A large region with similar climate conditions.