

What is climate?

Grade 3 Science Worksheet

rainy winter twenty atmosphere
desert weather Climatologists air
Meteorologists quickly forecast

The atmosphere is the _____ all around our planet. Weather tells you what is going on in the _____ at one time in one place. For example, you might say, "The weather in my city today is _____."

Weather can change _____ in a few minutes or a few hours. _____ study the weather. They can only _____, or predict, the weather about two weeks ahead.

Climate tells you the pattern of _____ in a large area over a long time. For example, you might say, "The climate of a _____ is hot and dry in the summer and cold and dry in the _____."

_____ study climate. They measure conditions over a long time: _____ years or more. Climate takes a very long time to change.

Some people remember the difference between climate and weather like this:



Climate is what you expect.
Weather is what you get.

Answers

rainy	winter	twenty	atmosphere
desert	weather	Climatologists	air
Meteorologists	quickly	forecast	

The atmosphere is the air all around our planet. Weather tells you what is going on in the atmosphere at one time in one place. For example, you might say, "The weather in my city today is rainy."

Weather can change quickly in a few minutes or a few hours. Meteorologists study the weather. They can only forecast, or predict, the weather about two weeks ahead.

Climate tells you the pattern of weather in a large area over a long time. For example, you might say, "The climate of a desert is hot and dry in the summer and cold and dry in the winter."

Climatologists study climate. They measure conditions over a long time: twenty years or more. Climate takes a very long time to change.

Some people remember the difference between climate and weather like this:



Climate is what you expect.
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