

# Atmosphere Web Quest

Go to the Atmosphere page of my website. Click on the [Atmosphere Information](#) link on the right. Once on the new page, click on the [Composition of the Atmosphere](#) link and complete the questions below. Answers do not need to be complete sentences but should be complete.

1. Living things need nitrogen to do what?
2. Oxygen is necessary for \_\_\_\_\_ or burning.
3. What percent of Earth's atmosphere is argon?
4. Carbon dioxide acts as a blanket to prevent \_\_\_\_\_.
5. What are the trace gases in our atmosphere?

Go to Google.com

6. What is a definition of "humidity"?  
The amount of \_\_\_\_\_ in the \_\_\_\_\_.
7. How can humidity change the weather in your region?

Go back to my website and click on the [Atmosphere Info](#) link and answer the questions below.

8. Click through all four layers of the atmosphere. What do you notice is happening with the composition (the percentages of gases) in the atmosphere as you go higher? Why does this make sense?
9. As you go higher in the atmosphere, what is happening to the temperature?  
(0 degrees Celsius = 32 degrees Fahrenheit)

10. As you go higher in the atmosphere, what is happening to the pressure? Why does this make sense?

Go back to my website and click on [Ocean Currents on Climate](#) and answer the questions.

11. Read through the passage. How do ocean currents affect climate as a whole?

12. What are three other factors that affect climate? How do those factors affect climate?

Click on the [Weather Instruments](#) link on my website and fill out the chart below.

Name of Instrument	Describe What the Instrument Does