



### **Weather: Practice Activity**

**Directions:** Answer the following questions to test your knowledge of weather.

1. What layer of the atmosphere contains most of the water vapor?
2. In what type of climate are summers warm and humid?
3. What is an example of the greenhouse effect?
4. What occurs when magma in the earth's crust explodes?
5. Where does tropical climate occur?
6. What takes place in the troposphere?
7. Where is the ozone layer?
8. What layer of the atmosphere is space in?
9. What is the process by which weather breaks down things by the atmosphere and water?
10. What occurs during winter weather?
11. What is the difference between a landslide and a mudslide?
12. What climate is the coldest?
13. Which part of the atmosphere is not considered a part of the atmosphere?
14. What is the layer of atmosphere in which temperature stops decreasing from -60°F?
15. At about how many km or miles would it be the coldest in the troposphere?
16. What part of the atmosphere has the highest concentration of metals?
17. What happens during a tsunami?



18. In what part of the water cycle do clouds form?

19. What climate has mild winters?

20. What does weather describe?



### **Sample Answers**

1. Troposphere
2. Temperate
3. Global warming
4. Volcano
5. Equator
6. Tropopause
7. In the stratosphere
8. In the exosphere
9. Weathering
10. Blizzards and snow
11. In a landslide, the dry parts of a mountain collapse, but in a mudslide, the water soaks into the earth and then it collapses but in a slippery way
12. Polar
13. Exosphere
14. Troposphere
15. 10 km or 6 miles
16. Mesosphere
17. Extreme waves
18. Condensation
19. Temperate
20. Temperature, humidity, or current water state of the atmosphere