**Learning Objectives**

Meteorology: Instruments & Storms

Learners will be able to:

1. match meteorological instruments to their functions.
2. explain how various types of storms develop.

**Quiz**

Topic

Obj

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1. Wind speed and the direction of winds aloft may be measured by (a)
   1. Theodolite
   2. Doppler radar
   3. Mercurial barometer
   4. Smoke grenade
2. Tornadoes usually form during periods of
   1. Intense heat
   2. Prolonged cold
   3. Drought
   4. Severe thunderstorm activity
3. The "eye" of the hurricane is about \_\_\_ mile(s) in diameter.
   1. ½
   2. 20
   3. 50
   4. 75
4. What percent of the sun's radiant energy reaching the earth will actually hit the earth's surface and be converted to heat?
   1. 2
   2. 43
   3. 74
   4. 98
5. Visibility is measured by a device called a(n)
   1. Ceilometer
   2. Transmissometer
   3. Photometer
   4. Refractograph
6. The Greenhouse Effect is said to be caused by too much \_\_\_ in the atmosphere.
   1. Nitrogen
   2. Sulfur dioxide
   3. Carbon dioxide
   4. Water vapor

**Test Blueprint**

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|  | **Outcomes** | |  |
| **Objectives**  **or topics** | **Lower-Order**  (Know, Understand, Apply) | **Higher-Order**  (Analyze, Evaluate, Create) | **TOTAL** |
| Students will match meteorological instruments to their functions. |  |  |  |
| Students will explain how various types of storms develop. |  |  |  |
| **TOTAL** |  |  |  |

What other kinds of information might be useful on a test blueprint?

Quiz items selected from *The Giant Multiple Choice Weather Quiz* at http://quiztimeuk.blogspot.com/2007/07/giant-multiple-choice-weather-quiz.html