Weather Worksheet – 10th Grade

Instructions: Complete each exercise carefully. This worksheet includes filling the blanks, matching, multiple choice, dropdown options, drag & drop, and true/false questions.

1. Fill in the Blanks

- a) The layer of gases surrounding Earth is called the _____.
- b) The instrument used to measure temperature is a _____.

2. Matching (Match each term with the correct definition)

Terms:

- A. Forecast
- B. Wind speed
- C. Climate
- D. Cloud cover

Definitions:

- ____The movement of air across the Earth's surface.
- ____Long term patterns of weather in a region.
- ____Prediction of future atmospheric conditions.
- ____The portion of the sky is covered by clouds.

3. Multiple Choice (Choose the correct answer)

- a) Which instrument measures air pressure?
- ■ Thermometer
- ■ Barometer
- ■ Hygrometer
- b) What type of weather is usually associated with low pressure?
- ■ Clear skies
- ■ Stormy weather
- ■ Dry heat

4. Dropdown Options (Choose from: sunny / cloudy / rainy / windy)

- a) Today the sky is mostly _____.
- b) When strong air currents move quickly, the weather is _____.

5. Drag & Drop (Liveworksheets will allow drag-and-drop labels)

Labels: *Rain*, *Snow*, *Hail*, *Sleet*

- a) Frozen ice pellets: _____
- b) Water droplets falling from clouds: _____
- c) Frozen white crystals: _____

LIVEWORKSHEETS

6. True or False

- a) Weather and climate describe the same thing. _____
- b) Warm air rises and cool air sinks. _____
- c) Meteorologists study and predict weather. _____

LIVEWORKSHEETS