

# Weather Worksheet – 10th Grade

**Instructions:** Complete each exercise carefully. This worksheet includes fill in 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 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: \_\_\_\_\_

**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. \_\_\_\_\_