

# Weather Worksheet – 10th Grade

**Instructions:** Complete each exercise carefully. This worksheet includes filling the blanks, matching, multiple choice, line-joining 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. Line-Joining

**Instructions:** Draw a line to match each weather word with its correct description.

**Words:**

1. Rain
2. Snow
3. Wind
4. Hail
5. Fog

- A. Ice balls that fall from clouds
- B. Water droplets falling from the sky
- C. Tiny ice crystals falling in cold weather
- D. Thick mist that reduces visibility
- E. Moving air across the sky

## 5. 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. \_\_\_\_\_