

Easy | 10 clues | Student Worksheet

Date: \_\_\_\_\_

[illegible]

### ACROSS (continued)

10. Height that generally reduces lower-atmosphere temperatures as it increases.

2. Flows of seawater redistributing heat.
3. Long-term regional patterns of atmospheric conditions.
6. Low-latitude regions generally receiving more direct solar energy.

# Climate Crossword

Easy | 10 clues | Teacher Answer Key

## TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.

|   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | G | R | E  | E | N | H | O | U | S | E | E | F | F | E | C | T |   |   |   |   |   |   |
|   |   |   |    |   |   |   | C |   |   |   |   |   |   |   | L |   |   |   |   |   |   |   |
|   |   |   | 4  | P | R | E | C | I | P | I | T | A | T | I | O | N |   |   |   |   |   |   |
|   |   |   |    |   |   |   | A |   |   |   |   |   |   |   | M |   |   |   |   |   |   |   |
|   |   |   | 5  | R | A | I | N | S | H | A | D | O | W |   | A |   | 6 | T |   |   |   |   |
|   |   |   |    |   |   |   | C |   |   |   |   |   |   |   | T |   |   |   |   |   |   |   |
|   |   |   | 7  | L | A | T | I | T | U | D | E |   |   |   | 8 | S | E | A | S | O | N | S |
|   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |    |   |   |   | R |   |   |   |   |   |   |   |   |   |   |   |   |   | P |   |
|   |   |   |    |   |   |   | R |   |   |   |   |   |   |   |   |   |   |   |   |   | I |   |
|   |   |   |    |   |   |   | 9 | W | E | A | T | H | E | R |   |   |   |   |   |   | C |   |
|   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | S |   |
|   |   |   |    |   |   |   | N |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   | 10 | E | L | E | V | A | T | I | O | N |   |   |   |   |   |   |   |   |   |   |
|   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |    |   |   |   | S |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

### ACROSS

- 1. Greenhouse Effect
- 4. Precipitation
- 5. Rain Shadow
- 7. Latitude
- 8. Seasons
- 9. Weather

### ACROSS (continued)

- 10. Elevation

### DOWN

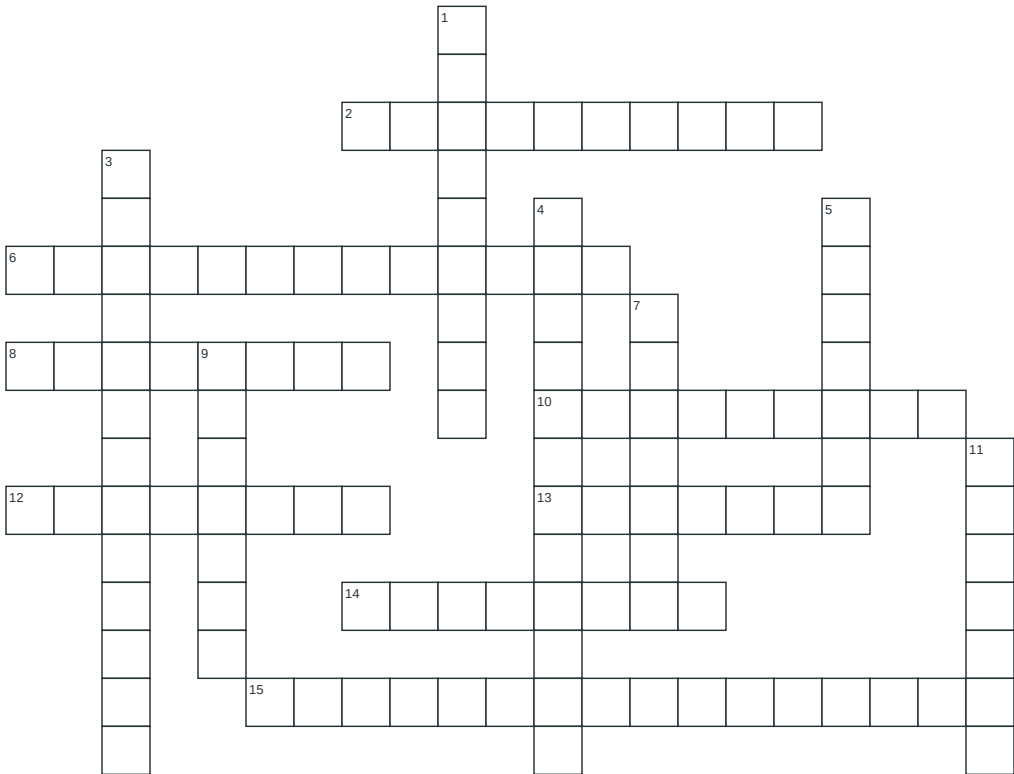
- 2. Ocean Currents
- 3. Climate
- 6. Tropics

# Climate Crossword

Medium | 15 clues | Student Worksheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



## ACROSS

- 2. Dry area on the sheltered side of a mountain barrier.
- 6. Water falling as rain, snow, or other forms.
- 8. Side of a mountain facing incoming wind.
- 10. Height that generally reduces lower-atmosphere temperatures as it increases.
- 12. Describes climate influenced by proximity to the sea.
- 13. Annual changes caused primarily by Earth's axial tilt during its orbit.
- 14. Position north or south influencing sunlight's angle.
- 15. Warming from gases absorbing and re-emitting outgoing infrared energy.

## DOWN

- 1. Earth's slanted orientation responsible primarily for seasonal changes.
- 3. Flows of seawater redistributing heat.
- 4. Cooling water vapor changing into liquid droplets.
- 5. Low-latitude regions generally receiving more direct solar energy.
- 7. Side of a mountain sheltered from incoming wind.
- 9. Short-term atmospheric conditions.
- 11. Long-term regional patterns of atmospheric conditions.

# Climate Crossword

Medium | 15 clues | Teacher Answer Key

## TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



### ACROSS

2. Rain Shadow
6. Precipitation
8. Windward
10. Elevation
12. Maritime
13. Seasons
14. Latitude
15. Greenhouse Effect

### DOWN

1. Axial Tilt
3. Ocean Currents
4. Condensation
5. Tropics
7. Leeward
9. Weather
11. Climate

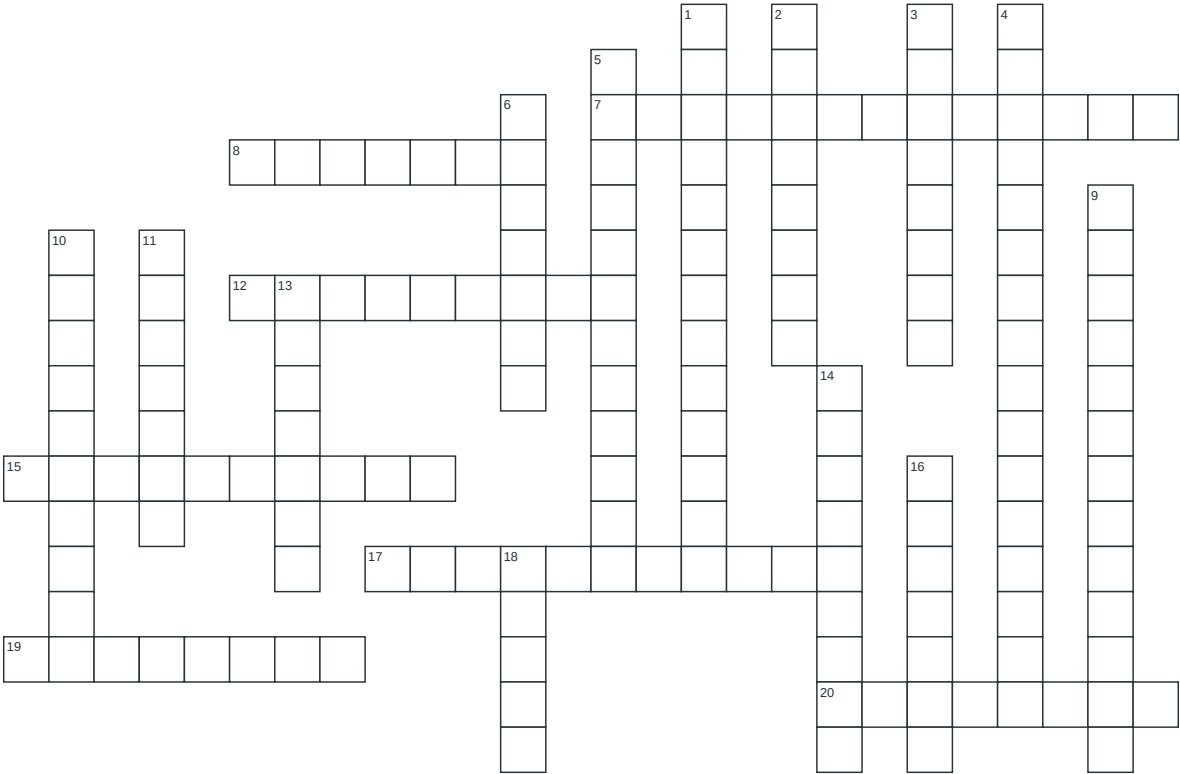
# Climate Crossword

Hard | 20 clues | Student Worksheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

- 7. Flows of seawater redistributing heat.
- 8. Short-term atmospheric conditions.
- 12. Height that generally reduces lower-atmosphere temperatures as it increases.
- 15. Dry area on the sheltered side of a mountain barrier.
- 17. Describes climate strongly affected by inland location.
- 19. Type of outgoing radiation absorbed by greenhouse gases.
- 20. Position north or south influencing sunlight's angle.

DOWN

- 1. Water falling as rain, snow, or other forms.
- 2. Side of a mountain facing incoming wind.
- 3. Describes climate influenced by proximity to the sea.

DOWN (continued)

- 4. Warming from gases absorbing and re-emitting outgoing infrared energy.
- 5. Cooling water vapor changing into liquid droplets.
- 6. Low-latitude regions generally receiving more direct solar energy.
- 9. Heat-trapping gas increased by burning fossil fuels.
- 10. Reduction of temperature extremes caused by nearby ocean water.
- 11. Annual changes caused primarily by Earth's axial tilt during its orbit.
- 13. Side of a mountain sheltered from incoming wind.
- 14. Earth's slanted orientation responsible primarily for seasonal changes.
- 16. Long-term regional patterns of atmospheric conditions.
- 18. Long-term pattern identified from consistent measurements over decades.

# Climate Crossword

Hard | 20 clues | Teacher Answer Key

## TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



### ACROSS

7. Ocean Currents
8. Weather
12. Elevation
15. Rain Shadow
17. Continental
19. Infrared
20. Latitude

### DOWN

1. Precipitation
2. Windward

### DOWN (continued)

3. Maritime
4. Greenhouse Effect
5. Condensation
6. Tropics
9. Carbon Dioxide
10. Moderation
11. Seasons
13. Leeward
14. Axial Tilt
16. Climate
18. Trend