

What Am I?

Weather Detectives Vocabulary Game



Two overlapping cards for the "Weather Detectives" game. Each card has a "Clue" tab at the top and contains several clue cards with descriptions and "What am I?" questions.

Card 1 (Left):

- Clue 9: I make water move from the Earth's surface into the atmosphere and back again. What am I?
- Clue 10: I am the process that changes a liquid to a gas. What am I?
- Clue 11: I am the process that changes a gas to a liquid. What am I?
- Clue 12: I am a low, flat cloud that can look like layered blankets. What am I?

Card 2 (Right):

- Clue 25: I am a tool that measures air pressure. What am I?
- Clue 26: I am a tool that measures temperature. What am I?
- Clue 27: I am layers of gases and tiny bits of dust that surround the Earth. What am I?
- Clue 28: I am what air is like at a certain time and place. What am I?





Teacher's Page

There are 32 “What Am I?” and vocabulary cards total that review the following weather vocabulary: water vapor, weather, satellite, atmosphere, rain gauge, tornado, air pressure, wind, anemometer, barometer, rain, hail, cirrus cloud, water cycle, blizzard, humidity, cloud, climate, hurricane, precipitation, stratus cloud, season, temperature, thunderstorm, evaporation, cumulus cloud, sleet, weather vane, thermometer, condensation, fog, and snow.

These cards can be used several different ways, such as in small groups, in partners, individually, as a literary center, or a science center. Students can respond on the provided sheet (to be copied back to back) or on notebook paper and then check their answer with the answer key.

These cards could also be played like the game Concentration, where students read the clue on the “What Am I?” card and look for the matching term on the vocabulary card.

Furthermore, students could play this as a game using the provided game board where students answer questions to move through the board. Simply provide a die and markers such as different colored base ten cubes. When students land on a blank square they draw a “What Am I?” card and determine the vocabulary word that fits the clue. If it is answered correctly, students will get the vocabulary card and it is the next player's turn. The student who has the most cards at the end of the game is the winner.

These task cards provide more detail when printed in color; however, they can be printed in grayscale in order to save on ink. It is recommended that they are printed, cut, and laminated for repeated use.

This activity is a fun way to review weather vocabulary that can be used in various formats to help save time.

Weather Detectives

Clue:

I am the amount of water vapor in the air.

1

What am I?



Weather Detectives

Clue:

I am the measurement of the average energy that particles of matter have.

2

What am I?



Weather Detectives

Clue:

I am the weight of air in the atmosphere.

3

What am I?



Weather Detectives

Clue:

I am the pattern of weather in a certain place over a long period of time.

4

What am I?



Weather Detectives

Clue:

I am a thin, wispy, white cloud that forms high above the ground.

13

What am I?



Weather Detectives

Clue:

I am a white, puffy cloud with a flat bottom.

14

What am I?



Weather Detectives

Clue:

I am a cloud that forms near the ground made of tiny drops of water.

15

What am I?



Weather Detectives

Clue:

I form when water vapor rises and cools around tiny dust particles.

16

What am I?



humidity

season

hail

temperature

water
cycle

blizzard

rain

barometer

cirrus
cloud

PREVIEW

It's windy.
You lose an
answer
card.



There was a
tornado. Lose
a turn.



You spot a
rainbow!
Follow it to
the other
side.



Run! It's
lightning.
Go to the
next space!
Hurry!



Oh no! The
wind blew you
back to this
space. Follow
the arrow.



FINISH



START

PREVIEW

Answer Key

1. humidity

2. temperature

3. air pressure

4. climate

5. blizzard

6. thunderstorm

7. tornado

8. hurricane

9. water cycle

10. evaporation

11. condensation

12. stratus cloud

13. cirrus cloud

14. cumulus cloud

15. rain

16. cloud

17. hail

18. sleet

19. snow

20. precipitation

21. rain

22. weather vane

23. rain gauge

24. anemometer

25. barometer

26. thermometer

27. atmosphere

28. weather

29. season

30. wind

31. satellite

32. water vapor