

States of Matter Website

Graphic Organizer

Presentation

1. What is matter?
2. Matter is made up of:
3. Atoms make up:
4. An element is:
5. The three states of matter are:
6. This state has no definite shape, has definite mass and volume:
7. This state has no definite shape, mass or volume:
8. This state has a definite shape, mass and volume:
9. To change **from** solid to liquid state is called:
10. To change **from** liquid to gas is called:
11. To change **from** gas to liquid is called:
12. To change **from** solid to gas is called:
13. To change **from** liquid to solid is called:
14. Energy is:
15. The special temperature that a substance melts is called:

Introduction

16. How much of Earth's surface is covered in water?

17. How many states of water exist on Earth?

Glossary

Define the following terms:

18. Molecule:

19. Boiling point:

20. Condensation:

21. Evaporation:

22. Melting:

23. Precipitation:

24. Water Cycle:

25. Water Vapor:

Module 1: The Water Cycle

26. What are the three stages of the water cycle:
27. How does water vapor change back into liquid form:
28. When water vapor condenses, it forms:
29. Why does precipitation occur?

Module 2: Evaporation and Condensation

30. At what temperature (in ° Fahrenheit) does water boil?
31. How does water change into gas form without boiling?
32. Molecules are furthest apart in which state?
33. Molecules are closest in which state?

Module 3: Precipitation

34. As water molecules cool and come back together they form:
35. Water in clouds falls back to Earth when it becomes heavier than:

Module 4: Freezing

36. In degrees Fahrenheit, the freezing point of water is:

37. In degrees Celsius, the freezing point of water is:

38. Is ice more or less dense than liquid water?

39. When water freezes, it:

40. What percent of Earth's water is in a solid state in the polar ice caps of the North and South Poles?

Module 5: Melting

41. In degrees Fahrenheit, the melting point of ice is when the temperature rises above:

42. Melting is a substance changing from a _____ state to a _____ state.