

JEOPARDY!

Science- Chapter 10 Characteristics of Matter

Vocabulary	More Vocabulary	Quick Questions	Explanations	More Quick Questions
<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>
<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>
<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>

Vocabulary– 100

A form of matter that has a definite shape and volume



100

solid



Vocabulary- 200

A form of matter that has a definite volume, but no definite shape



200

liquid



Vocabulary- 300

A state of matter that has no definite shape or volume



300

gas



Vocabulary- 400

The process when a solid changes directly into a gas



400

Sublimation



Vocabulary- 500

The change of state from a
liquid to a gas



500

Vaporization



More Vocabulary- 100

Slow, or gradual, vaporization



100

evaporation



More Vocabulary- 200

A substance that results from
a chemical change



200

product



More Vocabulary- 300

A substance that enters into
and is altered through a
chemical change



300

reactant



More Vocabulary- 400

The change of state from a
gas to a liquid



400

condensation



More Vocabulary- 500

A mixture made of two or more evenly distributed substances



500

solution



Quick Questions- 100

What is determined by the motion and distance between particles of matter?



100

State of Matter



Quick Questions- 200

What is true about the parts
that make up a mixture



200

The parts keep their physical properties. They can be easily separated.



Quick Questions- 300

How does a chemical change
and a physical change
differ?



300

Physical

Shape

Size

State of Matter

Chemical

Color

Temperature

*Creates a new
product*



Quick Questions- 400

How can I find out if energy has been absorbed or released in a chemical change?



400

Check for change in
temperature: use a
thermometer or feel the
outside of the jar



Quick Questions- 500

The amount of space an
object takes up



500

volume



Explanations- 100

I mixed 2 clear liquids together and observed that their color did not change. I concluded that no chemical reaction took place.

Do you agree/disagree? Why?



100

Disagree

Color is not the only indicator
of a chemical change



Explanations- 200

How might the properties of an alloy (made of gold and copper) differ from the properties of pure gold?



200

The alloy has the properties
of both metals- the gold and
copper.



Explanations- 300

Hydrogen is a gas at room temperature. Under pressure, it changes into a liquid.

What type of change is this?



300

Physical change



Explanations- 400

When certain chemical react, oxygen gas is released as a product.

Would these chemicals be used in a fire extinguisher?



400

NO! Oxygen is needed for fuel to
burn



Explanations- 500

What is a physical property of glass?



500

Answers will vary



More Quick Questions- 100

Process of liquid water
changing into a gas?



100

vaporization



More Quick Questions- 200

What is chocolate milk?



200

A mixture



More Quick Questions- 300

Hydrogen combines with oxygen to make water.

What does a scientist call the hydrogen and oxygen?



300

reactants



More Quick Questions- 400

What do solids, liquids, and gases have in common?



400

They are made up of
particles



More Quick Questions- 500

What is a difference between a physical and chemical change?



500

Answers will vary

