

JEOPARDY!

Science Review: Matter

Science Review: Matter

FINAL JEOPARDY

States of
Matter

Vocabulary

Changes
of State

Properties
of Matter

Solids vs.
Liquids vs.
Gases

\$100

\$100

\$100

\$100

\$100

\$200

\$200

\$200

\$200

\$200

\$300

\$300

\$300

\$300

\$300

\$400

\$400

\$400

\$400

\$400

\$500

\$500

\$500

\$500

\$500

Topic 1 - \$100 Question

What are the three states of matter?

Click to see answer



Topic 1 - \$100 Answer

Solids, Liquids, and Gases

[Click to return to Jeopardy Board](#)



Topic 1 - \$200 Question

Name a physical property of
a solid

Click to see answer



Topic 1 - \$200 Answer

Hard, shiny, or rough

[Click to return to Jeopardy Board](#)



Topic 1 - \$300 Question

Name a physical property of
a liquid

Click to see answer



Topic 1 - \$300 Answer

Wet, runny, or sticky

[Click to return to Jeopardy Board](#)



Topic 1 - \$400 Question

Name a physical property of
a gas

Click to see answer



Topic 1 - \$400 Answer

Invisible, odorless, or
colorless

[Click to return to Jeopardy Board](#)



Topic 1 - \$500 Question

Explain why a gas can fill any container

Click to see answer



Topic 1 - \$500 Answer

Because gas particles move freely and spread out to fill any space

[Click to return to Jeopardy Board](#)



Topic 2 - \$100 Question

What is viscosity?

Click to see answer



Topic 2 - \$100 Answer

How thick or thin a liquid is

[Click to return to Jeopardy Board](#)



Topic 2 - \$200 Question

What is texture?

Click to see answer



Topic 2 - \$200 Answer

How something feels

[Click to return to Jeopardy Board](#)



Topic 2 - \$300 Question

What is temperature?

Click to see answer



Topic 2 - \$300 Answer

How hot or cold something is

[Click to return to Jeopardy Board](#)



Topic 2 - \$400 Question

Give an example of something with high viscosity

Click to see answer



Topic 2 - \$400 Answer

Examples: Honey, peanut butter, syrup, or caramel

[Click to return to Jeopardy Board](#)



Topic 2 - \$500 Question

What does it mean when something is malleable?

Click to see answer



Topic 2 - \$500 Answer

Something that can be easily
bent or shaped without
breaking

[Click to return to Jeopardy Board](#)



Topic 3 - \$100 Question

What happens to water when
it is heated?

Click to see answer



Topic 3 - \$100 Answer

It turns into steam or water
vapor

[Click to return to Jeopardy Board](#)



Topic 3 - \$200 Question

What happens to water when
it is cooled?

Click to see answer



Topic 3 - \$200 Answer

It turns into ice

[Click to return to Jeopardy Board](#)



Topic 3 - \$300 Question

What happens to ice when it is heated?

Click to see answer



Topic 3 - \$300 Answer

It turns into a liquid

[Click to return to Jeopardy Board](#)



Topic 3 - \$400 Question

If you cook an egg, does the egg go through a reversible or non-reversible change?

Click to see answer



Topic 3 - \$400 Answer

Non-reversible

[Click to return to Jeopardy Board](#)



Topic 3 - \$500 Question

When an ice cube melts in a cup, does the ice go through a reversible or non-reversible change?

Click to see answer



Topic 3 - \$500 Answer

Reversible

[Click to return to Jeopardy Board](#)



Topic 4 - \$100 Question

Name four ways we can observe matter

Click to see answer



Topic 4 - \$100 Answer

Sight, smell, taste, touch

[Click to return to Jeopardy Board](#)



Topic 4 - \$200 Question

How are particles arranged
in a solid?

Click to see answer



Topic 4 - \$200 Answer

They are packed tightly
together

[Click to return to Jeopardy Board](#)



Topic 4 - \$300 Question

How are the particles arranged in a liquid?

Click to see answer



Topic 4 - \$300 Answer

They are loosely packed together.

[Click to return to Jeopardy Board](#)



Topic 4 - \$400 Question

How are the particles arranged in a gas?

Click to see answer



Topic 4 - \$400 Answer

They are spread far apart.

[Click to return to Jeopardy Board](#)



Topic 4 - \$500 Question

Why does a solid keep its shape?

Click to see answer



Topic 4 - \$500 Answer

The particles are tightly packed together and vibrate in place

[Click to return to Jeopardy Board](#)



Topic 5 - \$100 Question

Give an example of a solid

Click to see answer



Topic 5 - \$100 Answer

Examples: Book, desk,
computer, door, or cup.

[Click to return to Jeopardy Board](#)



Topic 5 - \$200 Question

Give an example of a liquid

Click to see answer



Topic 5 - \$200 Answer

Water, juice, rain, or milk

[Click to return to Jeopardy Board](#)



Topic 5 - \$300 Question

Give an example of a gas

Click to see answer



Topic 5 - \$300 Answer

Water vapor, helium in balloons, or smoke

[Click to return to Jeopardy Board](#)



Topic 5 - \$400 Question

If you leave ice cream out on a hot day, what state of matter will it turn into?

Click to see answer



Topic 5 - \$400 Answer

Liquid

[Click to return to Jeopardy Board](#)



Topic 5 - \$500 Question

If you breathe on a cold window, what might happen?

Click to see answer



Topic 5 - \$500 Answer

The warm air from your breath can condense on the cold window, making water droplets

[Click to return to Jeopardy Board](#)



FINAL

JEOPARDY!

Topic: Everyday Science

Click to see question 

Final Jeopardy Question

Why does a cold water bottle form water droplets on the outside on a hot day?

Click to see answer



Final Jeopardy Answer

The cold bottle cools the air around it, condensing the water vapor in the air to form droplets. This is called condensation!

[Click to return to Jeopardy Board](#)

