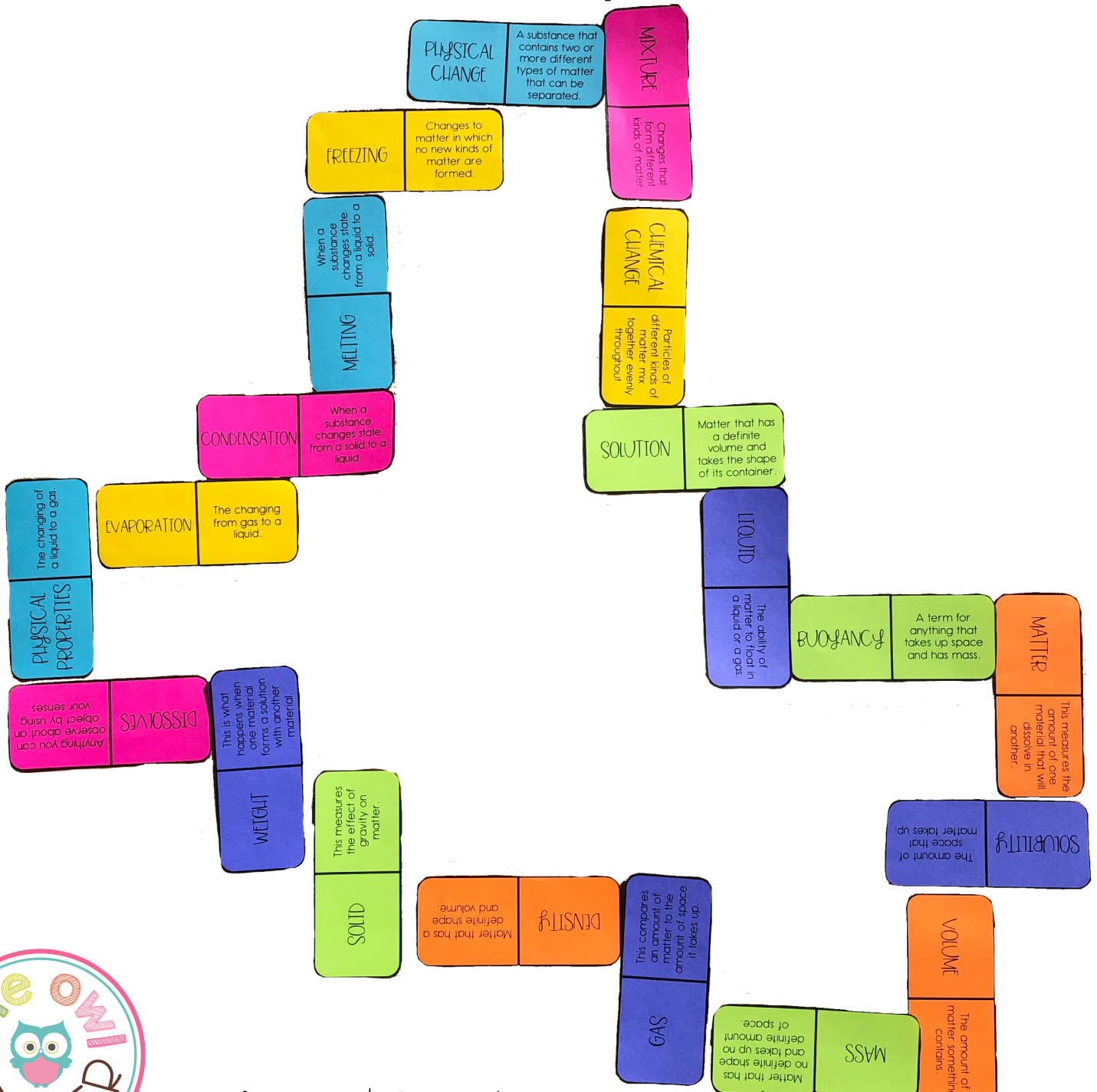


Vocabulary

practic

MATTER



created by the owl teacher

teacher's page

Thank you so much for your purchase!

This resource was created to provide you with a variety of options while reviewing the vocabulary associated with your matter unit.

words included

This resource covers the following ~~words~~ **words**:

- | | | |
|-----------------------|----------------|-----------------------|
| • matter | • solid | • physical changes |
| • volume | • liquid | • chemical changes |
| • mass | • evaporation* | • mixture |
| • buoyancy | • condensation | • solution |
| • weight | • melting | • solubility |
| • density | • freezing | • dissolve |
| • physical properties | | • suspension |
| | | • law of conservation |

*The word boiling is also offered as an alternative to evaporation.

activities included

The following activities are included:

- **Puzzles** - students match the vocabulary word to the matching definition to complete a puzzle piece.
- **Dominoes** - students match the domino vocabulary term end with another domino vocabulary definition end.
- **Hogwash** - Students read the two choices of vocabulary definitions to a partner and determine which is the correct definition and which is "hogwash."
- **Guess It!** - With a partner, students give clues and their partner tries to guess the vocabulary word. Alternatively, students can give clues and NOT use the words on the card.
- **Color-By-Number** - Students can determine which definition is correct and color accordingly.
- **Vocabulary Review Practice Sheets** - Students match the definitions with the matching term.

All activities include directions and answer keys as needed.

This resource can be used for small groups, centers, whole group, homework, remediation, enrichment, and independent work.

I have also included some blank editable options to allow for additional word use.

I hope you and your students find this resource helpful and engaging!

Mistakes do happen! If you see something, please let me know right away in the Q&A (or email me) and I'll immediately fix it! Thank you! If you have any questions or feedback, please contact me at tammy@theowlteacher.com.



solution

This forms
when
different
parts
mix
evenly

mass

The amount
of matter
something
contains.

This
measures
the effect
of gravity
on matter.

weight

liquid

Matter
has
definite
volume
takes

Matter that
has no

evaporation alternative

**physical
properties**

Anything you
can observe
about an
object
without
changing
it

changing of
solid to a

**physical
change**

Changes to
matter in
which no
new kinds of
matter are
formed.

This forms when
a substance
mixes with a
liquid but
doesn't dissolve.
Instead large
particles
remain
suspended.

suspension

evaporation

The process
of a liquid
changing
into a gas

**chemical
change**

Changes
that form
different
kinds of
matter.

condensation

The process
of a gas
changing
into a liquid

mixture

A substance
that contains
two or more
different
types of
matter that
can be
separated.

Matter can be
rearranged,
joined, or
separated but
it cannot be
created nor
destroyed.

conservation

melting

The process
of a solid
changing
into a liquid

PUZZLE MATCHING ACTIVITY

Law of Conservation

1.) Matter can be rearranged, joined, separated, created, or destroyed.
2.) Matter can be rearranged, joined, or separated but not created or destroyed.

HOGWASH

volume

1.) The amount of space in an object.
2.) Anything that takes up space.

HOGWASH

solution

1.) This forms when a substance mixes with a liquid but doesn't dissolve. Large particles can be seen.
2.) Particles of different kinds of matter mix together evenly throughout.

HOGWASH

liquid

1.) Matter has a definite volume and takes the shape of the container.
2.) Matter has a definite shape and a definite volume.

HOGWASH

gas

1.) Matter that has no definite shape and takes no definite amount of space.
2.) Matter has a definite volume and takes the shape of the container.

HOGWASH

buoyancy

1.) The ability of matter to float in a liquid or a gas.
2.) This compares an amount of matter to the amount of space it takes up.

HOGWASH

mass

1.) The amount of matter something contains.
2.) The measure of gravity on matter.

HOGWASH

density

1.) This compares an amount of matter to the amount of space it takes up.
2.) The ability of matter to float in a liquid or a gas.

HOGWASH

weight

1.) The amount of matter something contains.
2.) The measure of gravity on matter.

HOGWASH

dissolves

1.) This forms when different particles of matter mix evenly.
2.) This is what happens when materials form a solution with a material.

HOGWASH

evaporation

1.) The changing of a liquid to a gas.

HOGWASH

melting

1.) The changing of a solid to a liquid.

HOGWASH

physical properties

1.) Anything you can observe about an object using your senses.
2.) Anything you can touch with an object physically only.

HOGWASH

condensation

1.) The changing of a liquid to a gas.
2.) The changing of a gas to a liquid.

HOGWASH

freezing

1.) When a substance changes state from a solid to a liquid.
2.) When a substance changes state from a liquid to a solid.

HOGWASH

mixture

1.) A substance contains two or different types of matter that can be separated.
2.) A substance contains two or different types of matter that cannot be separated.

HOGWASH

physical change

1.) Changes that form different kinds of matter.
2.) Changes that do not form different kinds of matter.

HOGWASH

boiling

1.) The changing of a liquid to a gas.
2.) The changing of a gas to a liquid.

HOGWASH

ANSWERS

law of conservation - 2
solid - 1
matter - 2
volume - 1
gas - 1
solid - 2
solution - 2
buoyancy - 1
solubility - 2
mass - 1
density - 1
weight - 2
dissolves - 2
evaporation - 1
melting - 1
mixture - 2
chemical change - 1
suspension - 2
physical properties - 1
condensation - 2
freezing - 2
physical change - 2
boiling - 1

HOGWASH GAME

LAW OF CONSERVATION

created
destroyed
wood burning to soot
vinegar mixing with
baking soda

GUESS IT!

VOLUME

space
matter
liquid
graduated cylinder
water

GUESS IT!

SOLUTION

even
mix
liquid
rubbing alcohol
salt in water

GUESS IT!

LIQUIDS

state of
volume
drinking
water
solution

GUESS IT!

6

invisible
state of
ball
of
helium

GUESS IT!

BUOYANCY

float
sink
physical property
boat floating on water
adding salt to water

GUESS IT!

MASS

matter
grams
book
balance
you

GUESS IT!

DISSOLVES

solution
salt in water
sugar in tea
disappears
mixture

GUESS IT!

PHYSICAL PROPERTIES

5 senses
color
observations
hardness
volume
mass

GUESS IT!

PHYSICAL CHANGE

nothing new
tearing
folding
bending
cutting

GUESS IT!

DENSITY

space
matter
layers of liquids
oil spill
float or sink

GUESS IT!

EVAPORATION

liquid
gas
changing states
water cycle
puddle on a warm day

GUESS IT!

CONDENSATION

gas
liquid
states of matter
forms on a glass
cooling

GUESS IT!

BOILING

liquid
gas
changing states
water cycle
puddle on a warm day

GUESS IT!

WEIGHT

gravity
scale
book
you
pounds

GUESS IT!

MELTING

changing states
solid
liquid
ice cube
add heat

GUESS IT!

FREEZING

cooling
liquid
solid
states of matter
ice cube

GUESS IT!

GUESS IT!

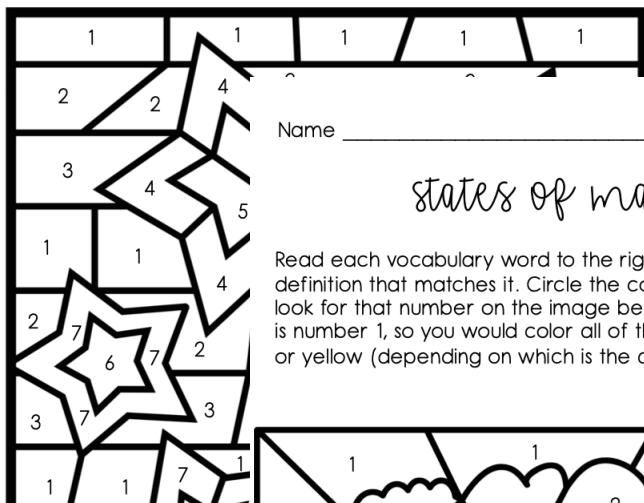
GUESS IT GAME

Name _____

understanding matter

Read each vocabulary word to the right. Then choose the definition that matches it. Circle the color in that box. Next, look for that number on the image below. For instance, matter is number 1, so you would color all of the 1's below either red or blue (depending on which is the answer).

(1.) matter	The amount of space in an object.	Anything that takes up space.
	red	blue
(2.) volume	The amount of space in an object.	Anything that takes up space.
	white	red
(3.) mass	The amount of matter something contains.	The measure of gravity on matter.



Name _____

states of matter

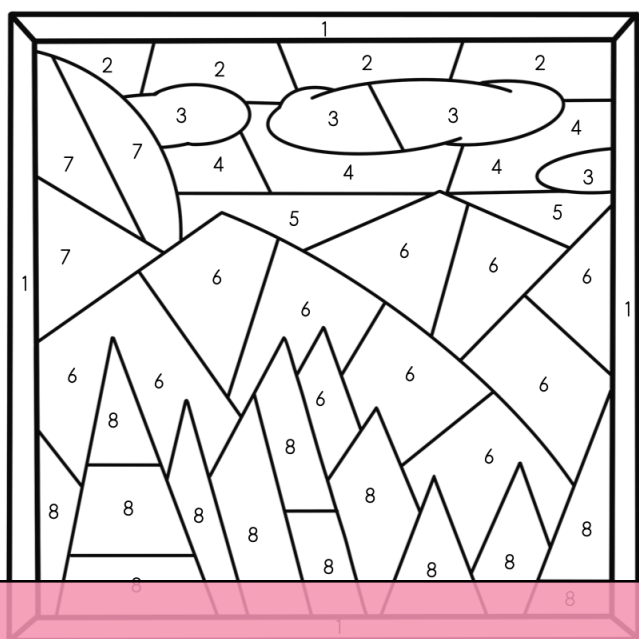
Read each vocabulary word to the right. Then choose the definition that matches it. Circle the color in that box. Next, look for that number on the image below. For instance, liquid is number 1, so you would color all of the 1's below either blue or yellow (depending on which is the answer).

(1.) liquid	Matter has a definite volume and takes the shape of the container.	Matter has a definite shape and a definite volume.
	blue	yellow
(2.) gas	Matter that has no definite shape and takes no definite amount of space.	Matter has a definite volume and takes the shape of the container.
	white	blue
(3.) solid	Matter has a definite volume and takes the shape of the container.	Matter has a definite shape and a definite volume.
	orange	yellow

Name _____

changes in matter

Read each vocabulary word to the right. Then choose the definition that matches it. Circle the color in that box. Next, look for that number on the image below. For instance, physical change is number 1, so you would color all of the 1's below either red or purple (depending on which is the answer).



(1.) physical change	Changes that forms different kinds of matter.	Changes that do not form different kinds of matter.
	red	purple
(2.) chemical change	Changes that forms different kinds of matter.	Changes that do not form different kinds of matter.
	pink	orange
(3.) mixture	A substance that contains two or more different types of matter that cannot be separated.	A substance that contains two or more different types of matter that can be separated.
	gray	white
(4.) solution	This forms when a substance mixes with a liquid but doesn't dissolve. Large particles can be seen.	Particles of different kinds of matter mix together evenly throughout.
	blue	orange
(5.) solubility	This happens when one material forms a solution with another material.	This measures the amount of one material that will dissolve in another.
	yellow	blue
(6.) dissolves	This forms when different particles of matter mix evenly.	This is what happens when one materials forms a solution with another material.
	black	gray
(7.) suspension	This happens when on material forms a solution with another material.	This forms when a substance mixes a liquid but doesn't dissolve. Large particles can be seen.
	orange	yellow
(8.)	Matter can be rearranged, joined, separated,	Matter can be rearranged, joined, or separated but

The changing of a gas to a liquid.

green

The changing of a gas to a liquid.

red

The changing of a solid to a gas.

red

When a substance changes state from a liquid to a solid.

green

law of conservation

green


black

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COLOR BY NUMBER

Name _____

understanding matter



Match each term in the left column with its definition in the right column.

_____ 1.) The amount of matter something contains.

_____ 2.) Anything you can observe using your senses.

_____ 3.) A term for anything that takes up space and has mass.

_____ 4.) This measures the effect of a force on an object.

_____ 5.) The amount of space that an object takes up.


_____ 6.) This compares an amount of matter to the amount of space it takes up.

_____ 7.) The ability of matter to flow.

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Name _____

states of matter vocabulary



Match each term in the left column with its definition in the right column.

_____ 1.) Matter that has a definite shape and volume.

_____ 2.) The changing from gas to a liquid.

_____ 3.) When a substance changes state from a solid to a liquid.

A. gas


B. solid

C. liquid

D. evaporation

Name _____

changes in matter vocabulary



Match each term in the left column with its definition in the right column.

_____ 1.) This forms when different particles of matter mix evenly.

_____ 2.) This is what happens when one material forms a solution with another material.

_____ 3.) Changes to matter in which no new kinds of matter are formed.

_____ 4.) Matter can be rearranged, joined, or separated, but it cannot be created nor destroyed.

_____ 5.) This forms when a substance mixes with a liquid but doesn't dissolve. Instead large particles remain suspended.

_____ 6.) This measures the amount of one material that will dissolve in another.

_____ 7.) Changes that form different kinds of matter.

A. physical changes

B. chemical changes

C. mixture

D. solution

E. solubility

F. dissolve

G. suspension

H. law of conservation

8.) A substance that contains two or more different kinds of matter that can be separated.

PRACTICE MATCHING SHEETS

Vocabulary Puzzles

Directions

Advanced Preparation:

- Cut out the puzzle pieces. They should be cut apart.
- Laminate them for repeated use and durability.
- Place all mixed up pieces in a bag.

Student directions:

- Pull the puzzle pieces out of the bag.
- Spread the pieces out on your desk or table.
- Find a puzzle piece definition that matches the word.
- When you find a match, put them together.
- Continue matching puzzle pieces until you have a complete puzzle.

HOGWASH

Directions

Advanced Preparation:

- Print the cards on cardstock and then cut out each individual card.
- Laminate the cards for repeated use and durability.
- Place all the cards and this direction sheet in a bag.

Student directions:

- Pair up with a partner. Determine who will be player 1 and who will be player 2.
- Player 1 will draw a card and read off the word at the top. Then player 1 will read off the two different definitions while player 2 listens carefully.
- Player 2 will determine which definition is the correct definition (one or two) for the word on the card. This player will state out loud which is the correct definition.
- Player 1 will check the answer key. If the player answers correctly he or she will get the card.
- Then the players switch roles and repeat the steps.
- Play continues until all the cards are used. The player with the most cards in the end wins.

DOMINOES

Advanced Preparation:

- Cut out each full domino.
- Laminate them for repeated use and durability.
- Place all the dominoes in a bag.

Student directions:

- Pull the dominoes out of the bag.
- Spread the dominoes out on your desk or table.
- Pull one domino out and place in the center.
- Look for a domino that has a matching end to one of the parts of the domino in the center.
- Line up the matching parts. For example, if the first domino has a 'cat' end, find a domino with a 'cat' end.
- Continue placing the ends of matching dominoes.
- Dominoes can be zigged-zagged, if desired.

GUESS IT!

Directions

Advanced Preparation:

- Print the cards on cardstock and then cut out each individual card.
- Laminate the cards for repeated use and durability.
- Place all the cards and this direction sheet in a bag.

Student directions:

- Pair up with a partner. Determine who will be player 1 and who will be player 2.
- Player 1 will draw a card. Do NOT read the vocabulary word at the top. This is the word your partner will be guessing.
- Player 1 will read off the words as hints or clues* for player 2 to use to try to guess the word.
- Player 2 will guess the word. If guessed correctly, he or she gets to keep the card. If the card cannot be guessed, it returns to the pile.
- Players then switch turns and repeat the steps. Continue playing until no cards are available. The player with the most cards win.

*Alternatively, students can give any clue EXCEPT the words provided on the card.

ANSWER KEYS & DIRECTIONS