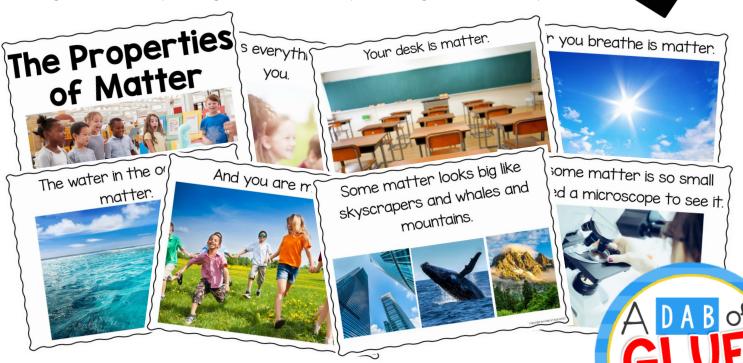


POWERPOINT & POSTERS





10 PROPERTIES OF MATTER EXPERIMENTS & ACTIVITIES



QUESTIONS TO ASK

- What objects fall the fastest? What objects have the greatest
- Are the results the same if other

THE SCIENCE BEHIND IT

Buoyancy is the power of a fluid to upward force on an object placed in buoyancy determines whether a flu hold up an object so at doesn't sink! upward force or an object shart contain more air on tal more surface area on the water ar buoyant and objects with aneater of buoyant and objects with aneater.

Buoyancy Station

	Will it be buoyant?	Was it buoyant's		
Object I:	yes no	yes	nc	Object I:
Object 2:	yes no	yes	1	
Object 3:	yes no	yes		
Obj1 II.		yes	no	

Buoyancy Station

1/.		buoy	int?	buoyanir	
<u>+:</u>		yes		yes	no
nc)	Object I:	1	no	yes	no
no\	Object 2:	yes		yes	no
no	Object 3:) Aes	70	yes	no
no	man man		7-	1,00	no

o yes no

bumpy

Coloring Mixid Connect art with science when yo mix primary colors to make se

SUPPLIES d, blue and vellow washable te

- paint or watercolor paints Paint brushes for each color

DOING THE ACTIVITY

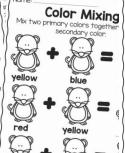
- Remind your students that one v scientists describe matter is by
- scientists describe matter is by describing its color. Give each student their paint suppl have them paint the First mouse y and the second mouse blue. Then have them add a dab of yellow table of the forth and the second mouse blue.
- a dab of blue to the third mouse ar the two colors to make areen. Encourage them to write or copy to word "green" on the line below the

5. Continue with the next set of primary colors and have your students paint the First mouse red and the second mouse vallow

First mouse red and the second mouse yellow.

I Then have them add a dab of red and a dab of yellow to the third mouse and mix the Two yellow to the third mouse and mix the Two colors to make arrange.

The two colors to make orange word "orange" on the line below the mouse word "orange" on the line below the mouse yellow are the process for the third set of 8. Continue this process for the third set of 8. Continue this process for the third set of primary colors to make a purple ware of Explain how red, blue and yellow are primary colors because we need then to primary colors because we need then to make all the other colors and arrange, greet and purple are secondary colors because they can only be made by mixing together primary colors.



Texture

Your students will explore different textures as a way to describe matter

SUPPLIES

- Textured items, I for each student:
 Soft items: feather, cotton balls, etc.
 Hard items: paperclips, popsicle sticks,
- Smooth items: ribbons, google eyes, etc Rough Items: Velcro, sandpaper, etc Bumpy Items: Beads, beans, etc.
- Glue 5 Brown lunch bags

DOING THE ACTIVITY

I. Remind your students that one way scientists describe matter is how the object feels, or the texture of the object. 2. Put one of the objects in a brown lunch bag and ask the students to feel it without looking and then describe what it feels like

3. Once they describe the object's texture, pass out one of each object to your students and have them glue it to the correct box.

15 You are using the worksheet version that has no labels, have your students write or copy the texture under the object.

5 Continue with all 4 of the other objects by Scalinn! ioyant:

TEXTURE

smooth



POWERPOINT & POSTERS



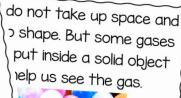
rough

Matter: Solids. Liquids and Gases

'e several (out the thi forms are i, and gase

Gases are all around us and are often invisible. Some gases can be smelled even if you can't see them. We can

move through a gas without even feeling it.



Some types of gas helium inside balloor from a teapot, and

Liquids can move and b will fill up the space container. Liquids do no shape, but take on the sh container they're

Liquids can be thin and pour easily like milk or juice or they can be thick and pour slowly like syrup or honey.

an move through a liquid ર have to push the liquid the way with our bodies







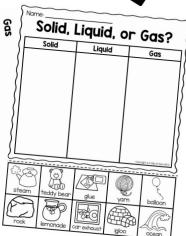
EMERGENT READER





PICTURE SORT





EXPERIMEN





The next day, pop the popsicles or molds and take them outside. Sho how the popsicles melt faster in than they do inside.



QUESTIONS TO ASK

- NO ADM How long does it take the popsicles to turn back into liquid when it's a solid? Does juice or water melt faster? Does the shape of the popsicle change how fast it melts in the sun?

THE SCIENCE BEHIND IT

lemperature determines what happens to liquids and changes in temperature can change a liquid to a solid and a solid to a liquid. In this case, at warm temperatures, juice remains a liquid. But when it is placed in Juice remains a liquid But when it is placed in the Freezer, it turns into a solid within a few hours. On a cold day, the Juice will remain Frozen and solid outdoors. But when the solid juice is placed in the hot sun, the juice melts and returns to a liquid state.

Juicy States of Matter If we freeze the liquid juice, I predict this will happen: Draw a picture of your juice: As a solid: As a liquid: