

Name: _____

Date: _____

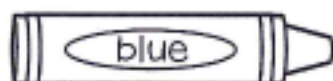
Find the Evidence

Can you find the PROOF for your answers? Use a crayon in the color shown to underline where you found each answer in the text.

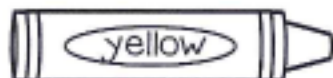
States of Matter

Do you think matter matters? Matter is the science term for "stuff" Almost anything around you is matter. Matter is made of atoms. The clothes you wear, your toys, the food you eat, and even your body itself is made of atoms- so these are all matter!

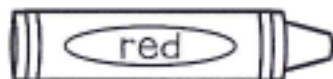
Matter is almost always in three states- solid, liquid, and gas. In a solid, the atoms inside are close together and stay in one spot. For example, my shoe is a solid because it stays in the shape of a shoe even when it is moved. A liquid takes up the same space, but its shape can change. This is because the atoms are close together but can move. As an example, a cup of lemonade will still be a cup no matter where I pour it, but it can be the shape of a tall glass, a short glass, or even a puddle on the floor. A gas can change shape and volume because the atoms are far apart and can move freely, like the air around you. Matter changes states when the temperature changes, like an ice cube melting to water. Matter matters!



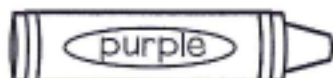
Which state of matter keeps its shape?



What is matter made of?



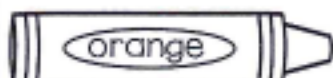
Where might lemonade be the shape of a puddle?



Why is your body matter?



How can the atoms move in a gas?



When does matter change states?