



Properties of Matter Worksheet

_____ is all around us and comes in different forms called states: solid, liquid, and _____. Solids have a fixed shape and volume because their particles are tightly packed and vibrate in place. _____ take the shape of their container and have a definite volume, with particles that can slide past each other. _____ have no fixed shape or volume as their particles are spread apart and move freely.

When heat is added or removed, matter can change states. For instance, _____ turns into water when heated, and water turns into _____ when heated further. Matter also has properties like mass, density, texture, and color. _____ is the amount of matter in an object, while density shows how tightly packed its particles are. _____ describes how something feels, and color refers to its appearance