

Activities for Properties of Matter

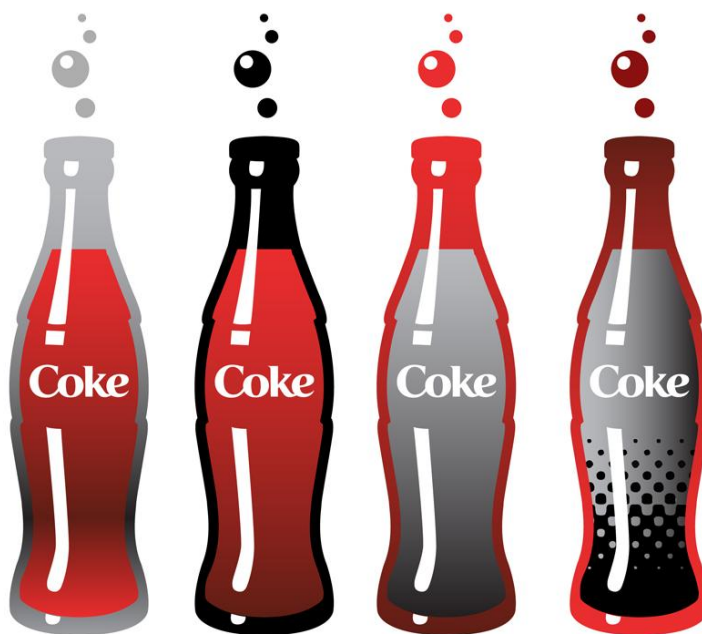


To show that air dissolves in the liquid-



Material required: Bottle of a coke Method:

Take a coke bottle and Shake it well. Now remove the cap. What happens? Bubbles come rapidly out of the bottle. Actually coke is a drink with carbon dioxide dissolved under pressure, in it. When the cap of the bottle opens, the carbon dioxide escapes rapidly in the form of bubbles. It shows that air dissolves in the liquid.



All states of matter are interchangeable

We know that matter exists in three different physical states- solid, liquid and gas. The states of matter are interchangeable i.e. a substance can be changed from its solid state to its liquid state and vice-versa. For eg. A true water can exist in three states namely solids, liquids and gases.