

Science Study Guide
Section C Chapter 1

Vocabulary – the following terms may be seen as matching, multiple choice, short answer, or fill-in the blank.

Matter

Physical Properties

Mass

Weight

Volume

Density

Solubility

Solid

Liquid

Gas

Evaporation

Condensation

Reactivity

Combustibility

What is matter and where can it be found?

If you were to travel to the moon, your mass would be the same but your weight would be less. Explain how that could occur?

In what state do particles move the fastest? Move the slowest?

What is the melting point of an object? What is the freezing point? What is unique about these two?

The temperature where a liquid changes into a gas is referred to as what?

The process by which a liquid becomes a gas without boiling is called what?

What is the difference between a chemical reaction and a physical change?

What evidence would you see that would indicate a chemical change has taken place?

Give an example of a physical change and a chemical change for iron.

What is a chemical change that produces heat and light?

What is the Law of Conservation of Matter?