

Answers to synthesise

<i>Questions</i>	<i>Analyses</i>
<i>What is science?</i>	Source 1: Science comes from a Latin word which means Knowledge.
	Source 2: Science involves observing, identifying, experimenting, and explaining phenomena.
	Source 3: There are different branches of Science.
<i>What is physical science?</i>	Source 1. Physical science is the study of inanimate natural objects, including physics, chemistry, astronomy, and related subjects.
	Source 2. Physical science is a branch of natural science that studies non-living systems, in contrast to life science.
<i>What is matter?</i>	Source 1. Matter has mass.
	Source 2. Matter has volume, or it occupies space.
	Source 3. Matter can be a living thing or a non-living thing.
<i>What is mass?</i>	Source 1. Mass is a large body of matter with no definite shape.
	Source 2. Mass is the amount of physical substance in an object.
	Source 3. Mass is measured in grams (g) or kilograms (kg).
<i>What is buoyancy?</i>	Source 1. Buoyancy is the ability of something to float in water or other fluid.
	Source 2. Buoyancy is an upward force exerted by a fluid that opposes the weight of an immersed object.
<i>What is a solid?</i>	Source 1. A solid has all its particles so lumped together that they cannot move.
	Source 2. Solids cannot flow, they have a fixed shape.
	Source 3. Solids have a defined volume.
<i>What is a liquid?</i>	Source 1. Liquid particles have more freedom than solid particles.
	Source 2. Liquids can flow, and so their shape is not fixed.
	Source 3. Liquids have a defined volume.
<i>What are gases?</i>	Source 1. A gas is an air-like fluid substance which expands freely to fill any space available, irrespective of its quantity.
	Source 2. Gases do not have a fixed shape.
	Source 3. Gases do not have a defined volume.