

# Keywords: Autumn 1

## Science

**Topic Title:**

**Introduction to the topic:**

**What lessons will you cover during the topic?**

<b>Keyword</b>	<b>Definition</b>
<b>Density</b>	A measure of compactness and the ratio of mass to volume. It is usually measured in kilograms per metre cubed (kg/m <sup>3</sup> )
<b>Mass</b>	The amount of matter an object contains. Mass is measured in kilograms (kg)
<b>Volume</b>	The volume of a three-dimensional shape is a measure of the amount of space or capacity it occupies
<b>Internal Energy</b>	The total kinetic energy and potential energy of the particles in an object.
<b>Specific Heat Capacity</b>	The amount of energy needed to raise the temperature of 1 kg of substance by 1°C
<b>Specific Latent Heat</b>	The amount of energy needed to melt or vaporise 1 kg at its melting or boiling point
<b>State of Matter</b>	Solid, liquid or gas.
<b>Temperature</b>	A measure of the average kinetic energy of particles in a substance