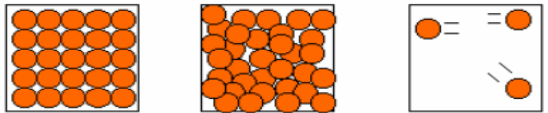
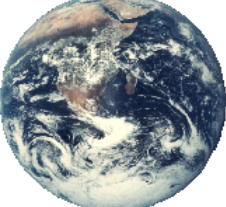

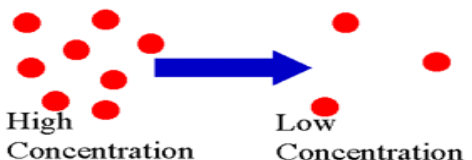
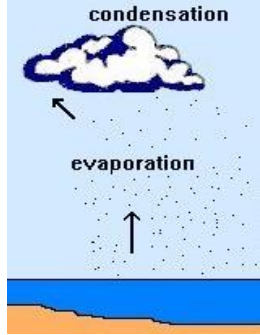







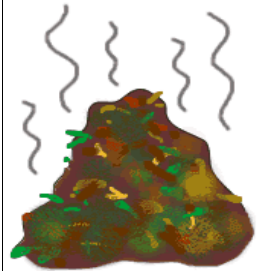
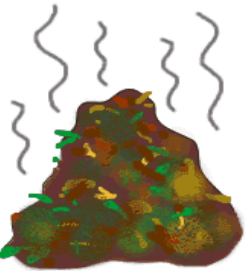





# 5C GASES AROUND US

<h2>Glossary</h2> <p><b>air</b> – a mixture of gases present in the atmosphere of the Earth</p>	<p>The <b>air</b> of planet earth is a mixture of gases 70% of which is <b>nitrogen</b>.</p>	<p><b>Helium gas</b> filled balloons float because <b>helium</b> is lighter than air.</p>	<p>Particles</p>  <p>Solid      Liquid      Gas</p> <p>States of matter</p>	<p><b>Water vapour</b> is a gas it <b>condenses</b> back into a liquid to form clouds.</p>	<p><b>helium</b> – a gas which is lighter than air which is used to fill balloons</p>
<p><b>anaesthetic gas</b> – a gas used in hospitals to cause a patient to be unconscious during an operation.</p> <p><b>carbon dioxide</b> – a common gas produced by living things when they use energy</p>			<p><b>Diffusion</b></p> 		<p><b>methane</b> – a gas produced by rotting food and vegetable matter – may be used as a fuel</p>
<p><b>compressed air</b> – air which is filled into tanks under pressure such that it takes up a much smaller space</p> <p><b>condensation</b> – the process of change from a gas to a liquid to <b>condense</b> - verb</p>	<p><b>Natural gas</b> is found underground and is used as a <b>fuel</b>. Burning fuels produce <b>carbon dioxide</b>. Here are some other <b>fuels</b>.</p>		<p>Trees and other green plants make their own food. They produce <b>oxygen</b> when they make <b>energy</b>.</p>	<p><b>Anaesthetic gas</b></p>	<p><b>nitrogen</b> – the colourless, odourless gas that forms 70% of the air</p>
<p><b>diffusion</b> – the process of movement of gas particles to <b>diffuse</b> - verb</p> <p><b>evaporation</b> – the process of change from a liquid into a gas to <b>evaporate</b> - verb</p>			 <p>This cylinder contains <b>compressed air</b>.</p>		<p><b>odour</b> – the smell of a gas</p>
<p><b>fuel</b> – a source of energy e.g. gas, wood, coal, food</p> <p><b>gap</b> – the unfilled space between particles</p>				<p><b>Methane gas</b></p> 	<p><b>oxygen</b> – a common gas found in the air. It is essential for life</p>
<p><b>gas</b> – one of the three states of matter. Gases move to fill any available space</p>			 <p>We can smell gases which have bad <b>odours</b>.</p>		<p><b>particle</b> – very small pieces of a material – the particles of a gas are too small to see, even with a microscope</p> <p><b>states of matter</b> – all material exists in three states – <b>solid, liquid and gas</b></p>