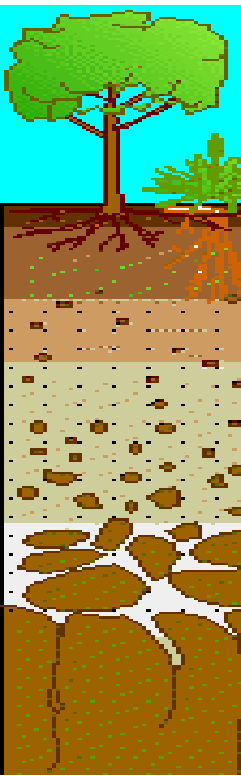
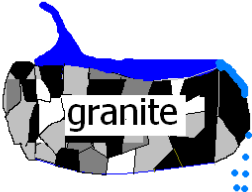












# 3D ROCKS AND SOILS

<h2>Glossary</h2>		<h3>Layers of soil</h3> <p><b>top soil</b></p> <p><b>sub soil</b></p> <p><b>base rock</b></p>	  <p><b>Non-permeable</b> rocks have no spaces between the <b>particles</b>, so water cannot pass through</p> <p><b>Permeable</b> rocks have spaces between the <b>particles</b> that allow water to pass through.</p>	 <p><b>Sandstone</b></p>  <p><b>Marble</b></p>  <p><b>Chalk</b></p>
<p><b>drainage</b> – a property of soil, whether it allows water to pass through easily or not</p>		<p><b>soil</b></p>	<p>Tests to identify rocks;</p>  <p><b>Acid test</b> – dropping a little acid on it to see if it fizzes.</p> <p><b>Scratch test</b> – to see how hard it is</p>   <p><b>Permeability test</b> – does it absorb water?</p>	 <p><b>Granite</b></p>  <p><b>Slate</b></p> <h3>Some common types of rocks</h3>
<p><b>mineral</b> – a substance which is taken out of the ground e.g. iron ore is mined and manufactured into metal products</p>				
<p><b>particles</b> – very small pieces of a substance</p>				
<p><b>permeable</b> – lets water through</p>				
<p><b>non-permeable</b> – does not let water through</p>				
<p><b>sand</b> – small rounded particles of rock</p>				
<p><b>soil</b> – natural material made when rocks are worn away - contains different sized particles of rock, animal and plant matter and air</p>				
<p><b>types of rocks</b> – e.g. very hard - granite, hard – slate and marble soft – chalk, sandstone and limestone</p>				
<p><b>types of soil</b> – clay, sandy, loamy etc. The colour and properties of the soil are changed by the base rock the soil is made from</p>				