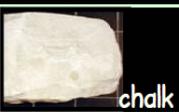


Rocks and Soils Fact Sheet

<p>Layers of soil</p>  <p>top soil</p> <p>sub soil</p> <p>base rock</p>	<p>Non-permeable rocks have no spaces between the particles, so water cannot pass through</p>  <p>granite</p>	<p>Types of rock</p>  <p>granite</p>
	<p>Permeable rocks have spaces between the particles that allow water to pass through.</p>  <p>sandstone</p>	 <p>sandstone</p>
	<p>Acid test - you can drop a little acid on a rock to see if it fizzes.</p> 	 <p>slate</p>
	<p>A scratch test will tell you how hard a rock is</p>  <p>A permeability test will tell you how much water a rock will absorb</p> 	 <p>marble</p>  <p>chalk</p>

Key Vocabulary

Axis – An imaginary line about which a body rotates.

Day – A twenty-four hour period, from one midnight to the next, corresponding to a rotation of the earth on its axis.

Dwarf planet – A celestial body resembling a small planet but lacking certain technical criteria to be classed as a planet e.g. Pluto.

Moon – A natural satellite of any planet.

Night – The period from sunset to sunrise in each twenty-four hours.

Orbit – The regularly repeated oval course of a celestial object around a star or planet.

Planet – A celestial body moving in orbit round a star.

Rock - the solid mineral material forming part of the surface of the earth.

Rotation – The action of rotating about an axis or centre.

Soil - The upper layer of earth in which plants grow, consisting of a mixture of organic remains, water, air, and rock particles.

Solar system – The collection of eight planets and their moons in orbit round the sun.

Star – A fixed luminous point in the night sky which is a large, remote body like the sun.

Sun – The star round which planets orbit.