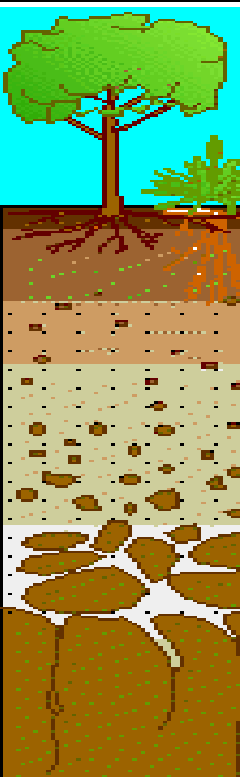
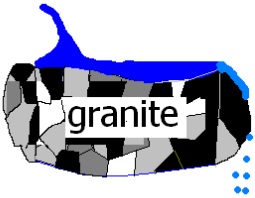




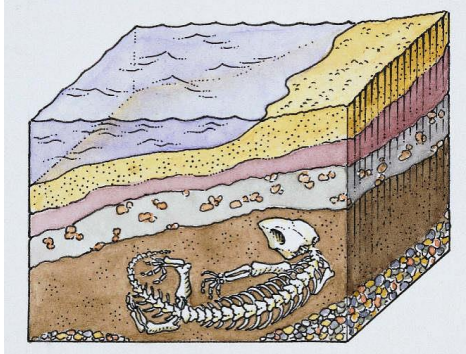



Y3 ROCKS AND SOILS

| | | | | |
|---|--|--|--|--|
| <h2>Glossary</h2> |  | <p>Layers of soil in the Earth's crust.</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>Permeable rocks have spaces between the particles that allow water to pass through.</p> | <p>The 3 types of rock.</p> <p>Sedimentary – Soft. Made when tiny particles pile up under the sea. E.g. Chalk</p>  <p>Metamorphic – Hard. Made when sedimentary rock is changed by heat and pressure. E.g. Slate</p>  |
| <p>drainage – a property of soil, whether it allows water to pass through easily or not</p> |  | <p>soil</p> | <p>Fossil - the remains or impression of a prehistoric plant or animal embedded in rock and preserved.</p>  | <p>Igneous – Very Hard. Formed when magma cools. E.g. Granite</p>  |
| <p>mineral – a substance which is taken out of the ground e.g. iron ore is mined and manufactured into metal products</p> | | | | |
| <p>particles – very small pieces of a substance</p> | | | | |
| <p>permeable – lets water through</p> | | | | |
| <p>non-permeable – does not let water through</p> | | | | |
| <p>sand – small rounded particles of rock</p> | | | | |
| <p>soil – natural material made when rocks are worn away - contains different sized particles of rock, animal and plant matter and air</p> | | | | |
| <p>types of rocks Igneous - very hard. Metamorphic – hard. Sedimentary – soft.</p> | | | | |
| <p>types of soil – clay, sandy, loamy etc. The colour and properties of the soil are changed by the base rock the soil is made from</p> | | | | |