


## Year 3 Pick n' Mix Homework – Rocks, Relics and Rumbles

10 House Points	20 House Points	30 House Points
<ul style="list-style-type: none"> <li>Make an information poster about Mary Anning, the famous fossil collector. Include images and interesting facts. Share your poster with a family member once it is complete.</li> </ul>	<ul style="list-style-type: none"> <li>There are three main rock types. These are sedimentary, igneous and metamorphic. Briefly describe how each type is formed, their properties and at least two examples of each type.</li> </ul>	<ul style="list-style-type: none"> <li>Create a model of the layers of the Earth using a range of materials. Label each layer and write a short description about each layer's features.</li> </ul>
<ul style="list-style-type: none"> <li>Find the latitude and longitude coordinates for 10 places around the world. Record the places and coordinates in a table.</li> </ul>	<p>Use a range of sources to complete a table about the three different rocks shown below. Include type, appearance, properties and uses.</p> <div data-bbox="689 699 1406 890">  <div> <div>chalk</div> <div>granite</div> <div>slate</div> </div> </div>	<ul style="list-style-type: none"> <li>Write a poem on the theme of volcanoes. You might like to write about an eruption, a specific volcano that you have learned about or the damage caused after a volcanic eruption. Try to include expanded noun phrases in your poem. For example, scorching hot, exploding lava or jet-black clouds.</li> </ul>
	<ul style="list-style-type: none"> <li>Take pictures of the following activity, if you can and email to school or put on Dojo.</li> </ul> <p>Investigate the soil in your garden and local area. Dig a hole 10cm deep and scoop up a handful of soil from the bottom. Remove large stones and roots, sprinkle a little water on it and try to work the soil into a ball. Use the soil key to identify the soil type and record your results. <b>Be careful of broken glass and wash your hands afterwards.</b></p> <p>Soil key</p> <pre> graph TD     Start([Start]) --&gt; Q1{Can the soil be made into a ball without crumbling?}     Q1 -- No --&gt; Sandy[Your soil is sandy.]     Q1 -- Yes --&gt; Q2{Squash the ball to try to flatten it. Does the ball break apart when squashed?}     Q2 -- Yes --&gt; Silty[Your soil is silty.]     Q2 -- No --&gt; Clay[Your soil is clay.]   </pre>	<ul style="list-style-type: none"> <li>Imagine that you have just experienced an earthquake. Write a short story about what happened. Use topic vocabulary to describe the strength of the earthquake, such as tremor, epicentre, magnitude and seismic wave.</li> </ul>