

## VISITOR Activity Template

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|---------------------------|--|
| Name of Activity          | Rocks Investigation  |
| Age Range                 | 11-14 years  |
| Curriculum Subject Areas  | Science  |
| Curriculum Links (Nation) | <a href="https://www.gov.uk/government/publications/national-curriculum-in-england-science-programmes-of-study/national-curriculum-in-england-science-programmes-of-study#key-stage-3">https://www.gov.uk/government/publications/national-curriculum-in-england-science-programmes-of-study/national-curriculum-in-england-science-programmes-of-study#key-stage-3</a><br><br>“the rock cycle and the formation of igneous, sedimentary and metamorphic rocks”  |
| Resources Needed          | Ipads in pairs.<br>Worksheet to record findings.<br>Interactive whiteboard or display equipment.   |
| Links to Museum           | Geological Museum - Trinity College Dublin<br><a href="https://trinitygeologicalmuseum.com/rocks/igneous-rocks/">https://trinitygeologicalmuseum.com/rocks/igneous-rocks/</a>  |
| Time Allocation           | 30 mins  |
| Description of Activity   | <p>Students to work in pairs and access the website of the Geological Museum at Trinity College, Dublin.</p> <p>Students will access the pages on igneous, metamorphic and sedimentary rocks.</p> <p>Questions on the worksheet can be adapted by teachers to suit their class. But could include :</p> <ol style="list-style-type: none"> <li>1) What is the difference between volcanic rock and intrusive work ?</li> <li>2) Name a usage for slate ? What property of slate made it useful for this purpose ?</li> <li>3) What affects whether metamorphism is low, intermediate or high ?</li> <li>4) What is the difference between schist and gneiss ?</li> <li>5) Where in the UK can you find examples of metamorphic rock ?</li> <li>6) How are sedimentary rocks formed ?</li> <li>7) Which kind of rock might you find fossils in ?</li> <li>8) What is coal made up of ?</li> <li>9) Use Google to search for an example of each kind of rock (igneous, metamorphic and sedimentary).</li> <li>10) Find a common use for each of the rocks you find.</li> </ol> |

Plenary :

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