

VISITOR

VIRTUAL MUSEUMS IN THE COVID ERA



Activities

Rocks Investigation

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| Project Title | VISITOR (Virtual muSeums In The cOvid eRa) |
| Project reference No. | 2020-1-FR01-KA226-SCH-095600 |
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PARTNERS



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| Name of Activity | Rocks Investigation |
| Age Range | 11-14 years |
| Curriculum Subject Areas | Science |
| Curriculum Links (Nation) | 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 “the rock cycle and the formation of igneous, sedimentary and metamorphic rocks” |
| Resources Needed | I pads in pairs. Worksheet to record findings. Interactive whiteboard or display equipment. |
| Links to Museum | Geological Museum - Trinity College Dublin https://trinitygeologicalmuseum.com/rocks/igneous-rocks/ |
| Time Allocation | 30 mins |



Description of Activity Students to work in pairs and access the website of the Geological Museum at Trinity College, Dublin.
Students will access the pages on igneous, metamorphic and sedimentary rocks.

Questions on the worksheet can be adapted by teachers to suit their class. But could include :

- 1) What is the difference between volcanic rock and intrusive work ?
- 2) Name a usage for slate ? What property of slate made it useful for this purpose ?
- 3) What affects whether metamorphism is low, intermediate or high ?
- 4) What is the difference between schist and gneiss ?
- 5) Where in the UK can you find examples of metamorphic rock ?
- 6) How are sedimentary rocks formed ?
- 7) Which kind of rock might you find fossils in ?
- 8) What is coal made up of ?
- 9) Use Google to search for an example of each kind of rock (igneous, metamorphic and sedimentary).
- 10) Find a common use for each of the rocks you find.

Plenary :

Share the following image and discuss :

