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| Year 3 Science – Rocks – Autumn 2 |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know |
| * Make simple observations to support identification.
* Begin to take measurements, by comparisons and non-standard units.
* Use observations to compare objects and materials.
* Record observations using photographs, videos, drawing labelled diagrams or in writing.
* Describe what I can see, hear and feel whilst outside.
* Distinguish between an object and the material from which it is made.
* Identify and name a variety of everyday materials.
* Compare and group everyday materials based on their simple physical properties.
* Identify and compare the suitability of everyday materials
 | * I can compare rocks based on their appearance.
* I can describe rocks.
* I can describe how sedimentary, igneous and metamorphic rocks are formed.
* I can use permeable and impermeable to describe rocks.
* I can talk about Mary Anning and her life and work.
* I know how a fossil is made.
* I know what soil is made from.
 | Igneous rock | A rock that has been formed from magma or lava |
| Sedimentary rock | A rock that is formed by layers of sediment being pressed together |
| Metamorphic rock | A rock that was previously igneous or sedimentary but has changed to an igneous rock due to extreme heat or pressure |
| Fossilisation | The process by which fossils are made |
| Permeable | Something that allows liquids to pass through it |
| Impermeable | Something that does **not** allow liquids to pass through it |