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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 |