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| **Key Question:** What is in soil?  **Key Learning:** Soil consists of a mix of organic material (decayed plants and animals) and broken bits of rocks and minerals.  **Key Question:** Can we make fossils?  **Key Learning:**    **Key Question:** Why are fossils so fantastic and important?  **Key Learning:**    The earth is made by many varieties of rocks. They can be grouped by similar charateristics.    **Key Question:** What different rocks are there beneath my feet and how can I group them using their visual characteristics?  **Key Learning:**    **Key Question:** What rock could be used to make a kitchen work top?  **Key Learning:**        **Super Scientist Investigates:**  Why are rocks so useful?  **Key Vocabulary**   |  |  | | --- | --- | | **igneous** | Rock formed from magma or lava | | **metamorphic** | Rock changed by heat or pressure | | **sedimentary** | Rocks formed by the build up of small particles from minerals and dead animal and plants | | **durable** | the ability to withstand wear, pressure or damage | | **permeable** | Having pores or openings that let liquids or gases pass through |   **Key Question**: What is the rock cycle?  **Key Learning:**  Diagram  Description automatically generated  **Key Question:**  What can you find out about sedimentary, metamorphic and igneous rocks?  **Key Learning:**    **FPS SCIENCE: Unit Rocks, fossils and soils**  **KNOWLEDGE ORGANISER**  **Year 3/4 What is under our feet?** |