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| **Science Year 3 Medium Term Planning – ADVENT 2 (2) Rocks** | | | |
| **National Curriculum**  • compare and group together different kinds of rocks on the basis of their appearance and simple physical properties  • describe in simple terms how fossils are formed when things that have lived are trapped within rock  • recognise that soils are made from rocks and organic matter | | | |
| **Prior vocabulary knowledge**  **materials properties physical** | | | |
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|  | Lesson 1 | Lesson 2 | Lesson 3 |
| **Learning intention** | How are rocks formed and what types are there? | Remember: how can rocks change? | Remember: how are fossils formed and how do we know? |
| **Working Scientifically** | identify, describe and compare | identify, describe and compare | identify  and describe |
| **Recall and retrieval** | CQ: 1-8 | CQ: 9-16 | CQ:17-19 |
| **Sequence of knowledge throughout the lesson** | **Key knowledge**  To know how rocks are formed and examples of different types of rock.  To know how rocks have been changed. | **Key knowledge**  Retrieval:  How igneous and sedimentary rocks change into metamorphic rock.  To know how mudstone and limestone are formed. | **Key knowledge**  To know what fossils are and how they are formed.  To know different types of fossils.  To observe draw and describe different fossils. |
| **Scaffolding** | match selection of rocks to their names. | Simple explanation of different rock formations using a word mat. | Simple sentences to describe each stage of fossil formation.Draw and label a fossil. |
| **Challenge** | Match different rocks to their names and give egs of each. | More detailed explanation with examples of the different types of rock formation and examples of each. | Write a detailed description of the stages of fossil formation.  Draw, label and give detailed description of a fossil. |
| **Vocabulary**  **Tier 2** | Cemented  Compacted  Decay  Prehistoric  Soil  Transform | Cemented  Compacted  Decay  Prehistoric  Soil  Transform | Cemented  Compacted  Decay  Prehistoric  Soil  Transform |
| **Vocabulary Tier 3** | Fossil  Igneous  Magma  Metamorphic  Minerals  Sedimentary | Fossil  Igneous  Magma  Metamorphic  Minerals  Sedimentary | Fossil  Igneous  Magma  Metamorphic  Minerals  Sedimentary |