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| Year 7 | **Topic: Geology**  **Period: Spring term 2**  |
| **Overview of topic:****To gain an introduction to Geology, this will provide a foundation for further learning at KS3 and for KS4.**  |
| **Key** **knowledge:*** The main types of rocks in the UK
* How geology influences the UK
* The Rock Cycle
* How does weathering effect rocks?
* How do we use different types of rocks?
* What is the Peak District like?
* How do limestone pavements form?
* How do caverns form in limestone areas?
* What are the impacts of quarrying on the Peak District?
* How can quarrying in the Peak District be made more sustainable?

**Key vocabulary:**

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| **Tier 2** | **Tier 3** |
| Analyse Annotate Assess Calculate Describe Draw compare Evaluate Examine Explain Identify Plot  Suggest     | MagmaIgneousMetamorphicSedimentaryWeathering ErosionTransportationDepositionNational ParkLimestonequarryquarryingsustainable  |

 | **Key skills:** ***Reading, interpretation and analysing graphs, map skills, making judgements.***   ***Know how to…***  * Demonstrate knowledge of locations, places, processes, environments and different scales.
* Demonstrate geographical understanding of: concepts and how that are used in relation to places, environments and processes.
* Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues to make judgements.
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| **Co-curricular opportunities: *(ASPIRE Day, Careers, clubs, competitions etc)***We are exploring the possibility of a field trip to White Scar Caves.  | **Key reading skills taught *(clarify, question, summarise, predict)* and key texts:**1. Teaching subject specific vocabulary:
* Spelling and meaning tests using the vocabulary on knowledge organisers.
* Vocabulary games, such as dominoes, bingo, taboo.
1. Lifting from the text e.g. keywords in assessment questions.
2. Promoting reading fluency:
* Teacher modelling
* Whole class reading
* Paired reading
1. Variety of texts – textbooks, plays, sources, historical fiction, scholarship, etc.
2. Guided reading to help students to develop: note-taking skills, read for meaning, summarise and analyse text.

**Wider Reading Opportunities/Links:**There are lots of books available in the library – please see Mrs Bradshaw for guidance.  |
| **How can I use this information at home?*** Conversation starters with your children to discuss their learning
* Support your child in carrying out independent research around the topic
* Visit your local library (or BorrowBox), museums, or other locations to explore the topic
* Promote books/other texts that explore this topic (see reading section)
* Help your child to learn the key vocabulary
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