

Year 8 Geography

Year 8 geography takes students on a journey through the inter-relationships between the physical and human environment looking at features and challenges. The key focus in this year is to develop the understanding and evaluation of decisions and actions upon varying aspects, people, groups of people, local areas and the social, economic and environment. The year ends with a geographical enquiry in the local area building on the skills they have developed and enhances the geographical enquiry and skills. This provides a solid foundation for the future in research and analysis of issues. Lessons are adapted when events may link closely to the areas being covered. Additionally, specific events may be used as and when issues occur on a scale e.g. volcanic eruptions etc due to the live and dynamic nature of the subject.

Methods of deepening and securing knowledge:

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| Spaced learning | The revisiting and review of key aspects of social, economic and environmental aspects throughout the course allows deeper learning and understanding to develop. The recall and understanding of previous powerful knowledge. |
| Interleaving and linking of key human and physical concepts (SEE) | Geography continually looks for linkages between human and physical geography along with the social, economic and environmental aspects. This allows students to have a deeper and secure understanding of these fundamentals. These key concepts underpin the fundamentals of geography and through this continual linking students become skilled geographers and can identify and search out these to provide greater depth and detail in their understanding. |
| Extending and securing | Ensuring all students have the opportunities to secure the knowledge in their learning and being able to develop this further through questioning, elaboration, discussion and application to new situations. |

| | Theme 1 | Theme 2 |
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| Topic(s) | <p>May the force be with you. Coasts</p> <p>The formation of waves and the different types. Coastal erosion process and features. Transportation. Coastal deposition and features. Management of the coast - hard and soft engineering.</p> | <p>Inspiration. Ecosystems</p> <p>Ecosystems. Location and patterns of ecosystems. Rainforest features and challenges - Amazon. Life in tropical rainforests. Cold environments - Svalbard. Challities in Svalbard.</p> |

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| Assessment | Exam paper questions plus low stakes testing. Coastal management task specific place locations. | Exam paper questions. Low stakes testing. Analysis of graphs questions. |
| CEIAG <i>(Careers that are linked to that topic)</i> | Opportunities in coastal management. Local planning. Engineering. | Global responsibility for deforestation and changing ecosystems. NGO's. Sustainability management. |

| | Theme 3 | Theme 4 |
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| Topic(s) | Innovation and enterprise - Rivers Types of rain. Water cycle. Features of rivers. Processes of erosion, deposition and transportation in a river. Features formed by erosion and deposition along a rivers course. Human causes of flooding. Physical causes of flooding. River case study - River Tees. Hard and soft engineering. | Now and Then - Changes. Geographical enquiry Sustainability. Creating a fieldwork investigation. Introduction/hypothesis. Methodology. Data collection. Data presentation. Data interpretation. Conclusion. Evaluation. |
| Assessment | Formation of feature of change questions. Low stakes testing. Written analysis. | Report on sustainability in school. |
| CEIAG <i>(Careers that are linked to that topic)</i> | Opportunities in river management. | Design of surveys, research opportunities. Marketing. Research scientist. |

Independent Study

Independent study is linked to the lessons students have covered or may be research work in preparation for the next lessons. Independent study may be individualised to support and challenge individuals/groups of students where required. This may be in various forms:

1. Research for the next lesson.
2. Guided research.
3. Revising for upcoming tests.
4. Question/task set in lesson.