

KS3 Geography Curriculum

CURRICULUM INTENT?

What does Geography help young people achieve at KS3? Why have you made these curriculum choices?

'Geography prepares students with the knowledge, skills and understanding to make sense of their world and to face the challenges that will shape our societies and environments at the local, national and global scales'. Geography prepares Alec Hunter Students with the knowledge, skills and understanding to make sense of their world and to face the challenges that will shape our societies and environments at the local, national and global scales'.

TERM BY TERM BREAKDOWN – Knowledge acquired, and skills developed:

	Year 7 Course Outline	Year 8 Course Outline	Year 9 Course Outline	Opportunities beyond the classroom
Autumn Term	<p>What are the Essential Map Skills? <i>What are the different types of Geography? What are the different ways of locating yourself on map? How do you show height on a map? What is longitude and altitude? Where are the Continents and oceans? What's my place in the world? How do I use an atlas?</i></p> <p>Population <i>Knowledge: What factors determine population size? What determines a location of cities and population? What are the movements and patterns of where people live and the difference between rich and poor? What limits the population size? How can a country cope with overpopulation? How is migration good for a country?</i></p> <p>Key Skills: <i>Graph analysis, map analysis, comparative skills, conclusive writing</i></p>	<p>Development <i>Development indicators, reasons for development, case studies, what is being done to combat poverty in LICs. Methods to improve the area, e.g.: increase jobs, traffic and health care as well as industrial development, the role of TNC's, and issues caused by Globalisation.</i></p> <p>Key Skills: <i>Graph analysis, map analysis, comparative skills, conclusive writing</i></p>	<p>Tectonics <i>Structure of the earth, how the tectonic plates move, different plate margins, what causes an earthquake, 2 earthquake case studies, how people protect themselves in an earthquake, Tsunamis and a case study. the structure of a volcano, 2 major volcanic eruptions, the dangers of a super volcano.</i></p> <p>Key Skills: <i>Map skills, GIS, role of development, comparison. Description and conclusive skills.</i></p>	<p>Pupils are encouraged to watch BBC and other documentaries to aid prior knowledge and additional skills. For example: Planet Earth and Blue Planet. One World Seven Continents. As well as Simon Reeve documentaries.</p> <p>Pupils are also encouraged to visit the National History Museum and Eden project, to gain an insight into the natural world.</p>

Spring Term	<p>Knowledge: Ecosystems <i>What is the Nature and characteristics of the TRF and hot Deserts? How do human use different biomes? What are the conservations strategies in different biomes? How have Animals and plant adapted to the rainforest and desert, how are humans impact and opportunities that exist within each biome and the decision to exploit of protect the biome?</i></p> <p>Key Skills: <i>Map work, analytical skills, graph analysis, comparative and conclusive skills</i></p>	<p>Knowledge: Physical geography <i>River processes and landforms. As well as the effects of flooding on rural and urban areas, methods to prevent flooding. Coastal processes and landforms, methods to protect the coast and flooding case studies</i></p> <p>Key Skills: <i>Diagrams, process, vocab, risk management. Mapping</i></p>	<p>Knowledge: Environmental Concerns <i>What are the impacts that population and development is having on the environment? What examples are there where humans have Impacted on the environment? what happened in the Aral Sea, how is development effecting the Niger Delta? Would we be worried about global Warming / Greenhouse effect? Is the Melting of the permafrost a big concern?</i></p> <p>Key Skills: <i>Decision making, graph / picture analysis, assessing conclusive writing. Map reading, numerical skills</i></p>	<p>Pupils to visit Colchester zoo, to look at the animal adaptations for year 8 and 9 linking to rainforest and desert environments.</p>
Summer Term	<p>Knowledge: Weather / Climate and Climate Change Knowledge: <i>What determines the weather, rainfall heat and cold? Rainfall types, air masses, Extreme weather in the UK and comparing tropical storms US and Asia. How is the climate changing, Human and physical causes of climate change, different methods to predict climate change and evidence?</i></p> <p>Key Skills: <i>Map skills. Numeracy skills, comparison and analytical</i></p>	<p>How does Conflict affect a country? Knowledge: <i>What causes a conflict within a country or between countries, impact of conflict on people, the economy and the environment. Impacts of conflict on development. How conflict and regimes can affect people and social groups.</i></p> <p>Key Skills: <i>Map skills, GIS, role of development, comparison. Description and conclusive skills.</i></p>	<p>Knowledge: Resource management Knowledge: <i>3 essential resources, challenges of water energy and food, dwindling energy supply. Causes of food deficit and surplus. How we are increasing crop yield, as well as how humans are beginning to move into a more sustainable future. As well as methods to adapt or mitigate against environmental damage: Alternative energy production.</i></p> <p>Key Skills: <i>Graph analysis, map analysis, comparative skills, conclusive writing</i> Key Skills: <i>Decision making, graph / picture analysis, assessing conclusive writing. Map reading, numerical skills</i></p>	<p>Pupils recommended to visit Sizewell B nuclear power station visitors centre to look at alternative energy production and the environment.</p>
Key Independent Learning Resources				GREAT READS

BBC Bite size https://www.bbc.co.uk/bitesize/subjects/zkw76sg Cool Geography http://coolgeography.co.uk/ Learn on the internet http://www.geography.learnontheinternet.co.uk/topics/coasts.html Geopress resources on the student drive	Where on Earth - DK Books Prisoners of Geography – Tim Marshall Severn amazing continents – Sarah Brown The National Geographic - Monthly (see Mr Birch) Horrible Geography - Michael Palin See Inside planet earth –Katie Daynes
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Knowledge:

Environmental Concerns

What are the impacts that population and development is having on the environment? What examples are there where humans have impacted on the environment? what happened in the Aral Sea, how is development effecting the Niger Delta? Would we be worried about global Warming / Greenhouse effect? Is the Melting of the permafrost a big concern?

Key Skills: *Decision making, graph / picture analysis, assessing conclusive writing. Map reading, numerical skills*