

Geography

Geography- the future of the world within our hands

Geography helps students to make sense of their surroundings and to understand the variety of physical and human conditions found on the earth's surface. 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. We strive to ensure geography stimulates an interest and a sense of wonder about places. Personal experiences are used to investigate places from the personal to the global.

Autumn		Spring		Summer
Theme 1 - Changing Places- Changing Economies A global perspective on development issues Fieldwork unit	Fieldwork studies	Theme 3 - Environmental Challenges	Revision and exam technique	GCSE Exams- 3 papers

- Students will be required to complete one 30 minute piece of homework every week.
- Homework will consist of a variety of different tasks, for example: revision, spelling/definitions, research tasks, exam questions.
- Homework set must be recorded by the teacher on the school's Virtual Learning Environment (VLE) and also in their own records and/or departmental records.
- For non-completion, students must have a 15 minute detention set for 3 missed homework tasks. Following this a 30 minute detention will follow if a student does not complete an additional piece of homework. If a student reaches 5 or more missed homework tasks, HOD will intervene and set up contact with parents and a meeting with the student.

Unit	Duration (lessons)	Learning Objectives/Outcomes
Theme 3 Environmental Challenges Key idea 3.1 How ecosystems function	11	<ul style="list-style-type: none"> • To find out the location and distribution of biomes at a global scale and their relationship to climate zones • To investigate the characteristics and interdependence of climate, soils, vegetation, animals and humans in two contrasting biomes • To analyse the physical processes that link living/ biotic and non-living/ abiotic components in hot semi-arid grasslands and one other biome • To evaluate the benefits of the ecosystem for local communities • To evaluate the challenges of managing the ecosystem and how different stakeholders perceive its value
Fieldwork Task	10	<ul style="list-style-type: none"> • Fieldwork research and write up
Theme 3 Environmental Challenges Key idea 3.2 Ecosystems under threat	9	<ul style="list-style-type: none"> • To find out how humans use, modify and change ecosystems and environments in order to obtain food, energy and water resources • To investigate how hot semi-arid grasslands and one other ecosystem have been damaged by human activity • To investigate how processes within one ecosystem have been affected • To analyse the effects of the damage at the local scale, to include the effect on biodiversity, and at the global scale • To justify the reasons for conservation and management • To evaluate the ways in which hot semi-arid grasslands and one other ecosystem have been managed • To evaluate strategies for sustainable management
Theme 3 Environmental Challenges Key idea 3.3 Water resources and management	10	<ul style="list-style-type: none"> • To find out concepts of water footprints and water security • To investigate past and present global trends in water supply and demand • To investigate the social, economic and environmental reasons why supply and demand for water varies over time and place • To analyse the links between population change, economic growth, consumerism and increasing demands for water • To analyse the concept of over-abstraction and the reasons for water transfer schemes • To analyse the impact of over-abstraction and unsustainable use of water on people, the economy and environment

		<ul style="list-style-type: none"> • To justify ways in which an imbalance of supply and demand can be met within one country at a local scale • To evaluate coverage to include the impacts in countries at contrasting levels of development • To evaluate the international issues facing future water management across national boundaries
<p>Theme 3 Environmental Challenges Key idea 3.4 Desertification</p>	<p>9</p>	<ul style="list-style-type: none"> • To find out the location and global distribution of environments vulnerable to desertification • To investigate how the location and global distribution pattern of environments vulnerable to desertification is changing over time • To investigate the relationship of this distribution to the global circulation of the atmosphere and to the dominance of high pressure systems • To analyse changing climatic patterns over periods of decades to include unreliable rainfall patterns and higher rates of evapotranspiration in hot semi-arid regions • To analyse human activities to include unsustainable use of water resources, overgrazing, poor land management and use of firewood • To analyse a range of strategies employed by NGOs working at a local level with communities, to include drip irrigation, magic stones and use of drought-tolerant crops • To evaluate smaller scale processes related to changing patterns of vegetation, evapotranspiration and micro-climate • To evaluate the different viewpoints, values and attitudes of stakeholders in the region • To evaluate international strategies aimed at reducing the spread of areas experiencing desertification