

KS4 Geography

Curriculum Overview

Curriculum Intent

Our aims are to enable student to become global citizens, have an understanding of the relationship between the physical and human world, to develop an understanding of current global issues and events along with geographical processes and skills.

This is then built upon In GCSE the students use the knowledge from KS3 to understand different geographical themes. Students are given the opportunity to conduct fieldwork and gather data which can then be interpreted and analysed at GCSE. Content is supported by sources such as maps, diagrams, photographs, graphs and GIS in all units throughout KS4, allowing students to develop analytical approaches to information. Literacy and maths skills are incorporated into all topics and deepened as the students' progress through the course.

How is Geography assessed at THA?

At GCSE, past paper questions are used at the end of topics to accurately gauge the students understanding of that topic. As the students move through the course, we are able to build up a good picture of student progress as the scores are amalgamated. By using mark schemes and grade boundaries for the year the exam was taken, we are able to ensure the levels given for students are valid and reliable.

Exam Board: AQA 8035 GCSE Geography
 Paper 1 Topic: Living with the physical environment
 exam time: 1 hour 30 minutes
 Paper 2 Topic: Challenges in the human environment
 exam time: 1 hour 30 minutes

Cross Curricular Links

Geography crosses over with many other subjects – namely English, Science, Maths, PD. Throughout the course, students are given the opportunity to develop skills attained in these subjects, such as extended writing, graph-drawing, data analysis and awareness and respect of other cultures

How this prepares students for their next stage of education/employment

Students are taught to work independently which is a prime requisite for KS5. They are encouraged to develop their literacy and most geographical skills. This includes problem solving and communication.

Enrichment Opportunities

Resources/Materials to Support Learning



Paper 3 Topic: Geographical Applications
Exam time: 1 hour 15 minutes

Link: Assessment materials and specification (hyperlink)
<https://www.aqa.org.uk/subjects/geography/gcse/geography-8035>
<https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc>
<https://www.internetgeography.net/aqa-gcse-geography/>

Progress sessions: Every Thursday 3:00 to 4:00pm in F10

Revision Links: Team Class Channel

Field Work

Provided to students and on the Teams Channel

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	Topic: Natural Hazards and Tectonic Hazards	Topic: Weather Hazards	Topic: Urban Change in the UK & Sustainable Urban Planning	Topic: Ecosystems and Tropical Rainforests	Topic: Hot Deserts & River Landscapes	Topic: Continuation of River Landscapes from Term 5 & Fieldwork
Year 10	<p>Key Knowledge:</p> <p>AO1: Knowledge</p> <ul style="list-style-type: none"> • What is a natural hazard and types • Distribution of tectonic hazards • Plate boundary types and processes at each <p>AO2: Understanding</p> <ul style="list-style-type: none"> • Factors affecting hazard risk • Plate tectonic theory – convection • Primary and secondary effects of tectonic hazards • Responses to tectonic hazards • Why people live in areas of risk • Monitoring, predicting, preparing, planning <p>AO3: Application</p>	<p>Key Knowledge:</p> <p>AO1: Knowledge</p> <ul style="list-style-type: none"> • Global atmospheric circulation • Distribution of tropical storms • Causes of tropical storms, structure and features • Overview of types of weather hazards in the UK • AO2: Understanding • Relationship between tropical storms and GAC • Primary and secondary effects of tropical storms • Responses to tropical storms • Monitoring, prediction, protection, planning <p>AO3: Application</p> <ul style="list-style-type: none"> • How climate change affects the distribution, frequency and intensity • of tropical storms • Case study: 	<p>Key Knowledge:</p> <p>URBAN CHANGE</p> <p>AO1: Knowledge</p> <ul style="list-style-type: none"> • Distribution of population and cities in the UK • Location of London in UK and wider world - Importance • Causes of growth in London • AO2: Understanding • Opportunities and challenges for social, economic and environmental factors • Causes of urban growth <p>AO3: Application</p> <ul style="list-style-type: none"> • Case study – London - Olympic Park regeneration project <p>SUSTAINABLE URBAN PLANNING</p> <p>AO1: Knowledge</p> <ul style="list-style-type: none"> • Distribution of population and cities in the UK 	<p>Key Knowledge:</p> <p>AO1: Knowledge</p> <ul style="list-style-type: none"> • Features of food chains and food webs • Definitions of producers, consumers, decomposers etc. and • Tropical rainforests • Location of global ecosystems and biomes • Physical characteristics of tropical rainforests <p>AO2: Understanding</p> <ul style="list-style-type: none"> • Relationships within ecosystems and balance • Change in ecosystems • Relationship between climate, water, soil, plants, animals and people • Adaptations to tropical rainforests – plants and animals <p>AO3: Application</p>	<p>Key Knowledge:</p> <p>HOT DESERTS</p> <p>AO1: Knowledge</p> <ul style="list-style-type: none"> • Physical features of the desert <p>AO2: Understanding</p> <ul style="list-style-type: none"> • Challenges and opportunities for development in hot deserts • Cause, effect and response to desertification <p>AO3: Application</p> <ul style="list-style-type: none"> • Case study – Thar desert <p>RIVER LANDSCAPES</p> <p>AO1: Knowledge</p> <ul style="list-style-type: none"> • Features of long profile of a river • Cross profiles • Erosional processes, transportation and deposition <p>AO2: Understanding</p> <ul style="list-style-type: none"> • River landforms and formation 	<p>Key Knowledge:</p> <p>AO1: Knowledge</p> <p>Fieldwork processes</p> <ul style="list-style-type: none"> • Data types – qualitative vs quantitative • Sampling methods • Data collection <p>AO2: Understanding</p> <p>AO3: Application</p> <ul style="list-style-type: none"> • Collect data – apply to theory • Present results and draw conclusions • Evaluate methods

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	<ul style="list-style-type: none"> Case studies – compare and contrast LIC and HIC 	<ul style="list-style-type: none"> Tropical storm – Typhoon Haiyan Extreme weather event in the UK 	<ul style="list-style-type: none"> Location of London in UK and wider world - Importance Causes of growth in London <p>AO2: Understanding</p> <ul style="list-style-type: none"> Opportunities and challenges for social, economic and environmental factors Causes of urban growth <p>AO3: Application</p> <ul style="list-style-type: none"> Case study – London - Olympic Park regeneration project 	<ul style="list-style-type: none"> Example of a small-scale UK ecosystem Case study - Deforestation case study – Malaysia Loss of biodiversity Cause, effect and response 	<ul style="list-style-type: none"> Erosional and depositional Cause, effect and responses to flooding <p>AO3: Application</p> <ul style="list-style-type: none"> Example – River Tees Example – river management – Banbury 	
	<p>Key Skills:</p> <p>AO4: Skills</p> <ul style="list-style-type: none"> Map skills – locations Interpreting data Use of statistics 	<p>Key Skills:</p> <p>AO4: Skills</p> <ul style="list-style-type: none"> Map skills – locations Interpreting data Use of statistics 	<p>Key Skills:</p> <p>AO4: Skills</p> <ul style="list-style-type: none"> Map skills = locations 	<p>Key Skills:</p> <p>AO4: Skills</p> <ul style="list-style-type: none"> Map skills – locations Interpreting graph data – deforestation Climate graphs – interpreting data Use of statistics 	<p>Key Skills:</p> <p>AO4: Skills</p> <ul style="list-style-type: none"> Map skills – locations Climate graphs – interpreting data Use of statistics 	<p>Key Skills:</p> <p>AO4: Skills</p> <ul style="list-style-type: none"> Map skills – locations Data collection and sampling Fieldwork techniques Using equipment Use of statistics
	<p>Assessment:</p> <p>Students receive a mid-term assessment and an end of topic assessment.</p>	<p>Assessment:</p> <p>Students receive a mid-term assessment and an end of topic assessment.</p>	<p>Assessment:</p> <p>Students receive a mid-term assessment and an end of topic assessment.</p>	<p>Assessment:</p> <p>Students receive a mid-term assessment and an end of topic assessment.</p>	<p>Assessment:</p> <p>Students receive a mid-term assessment and an end of topic assessment.</p>	<p>Assessment:</p> <p>Students receive a mid-term assessment and an end of topic assessment.</p>
Year 11	<p>Topic:</p> <p>UK and Coastal Landscapes</p>	<p>Topic:</p> <p>Urban Change in the UK & Sustainable Urban Planning</p>	<p>Topic:</p> <p>Resource Management and Energy</p>	<p>Topic:</p> <p>Consolidation of units 1-11 Paper 1, Physical</p>	<p>Topic:</p> <p>Continuation of revision units 1-11</p>	<p>Topic:</p> <p>Continuation of River Landscapes</p>

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
			Geography & Preparation for Issue Evaluation with pre-release material	Paper 1, Physical Geography until 23/5/22 & Consolidation of units 13-18 Paper 2, Human Geography	from Term 5 & Fieldwork
Key Knowledge: AO1: Knowledge <ul style="list-style-type: none"> Wave types and characteristics Weathering and mass movement Erosional processes, transportation, LSD AO2: Understanding <ul style="list-style-type: none"> Erosional and depositional coastal landforms Managing the coastline Hard and soft engineering AO3: Application Examples: <ul style="list-style-type: none"> Landforms – Swanage Bay Management – Lyme Regis 	Key Knowledge: URBAN CHANGE IN THE UK AO1: Knowledge <ul style="list-style-type: none"> Distribution of population and cities in the UK Location of London in UK and wider world Importance Causes of growth in London AO2: Understanding <ul style="list-style-type: none"> Opportunities and challenges for social, economic and environmental factors Causes of urban growth AO3: Application Case study – London Olympic Park regeneration project SUSTAINABLE URBAN PLANNING AO1: Knowledge <ul style="list-style-type: none"> Planning for urban sustainability 	Key Knowledge: AO1: Knowledge <ul style="list-style-type: none"> Global distribution of resources Opportunities and challenges for the UK – providing food Opportunities and challenges for the UK – providing water Opportunities and challenges for the UK – providing energy Causes of increased energy demand AO2: Understanding <ul style="list-style-type: none"> Impacts of energy insecurity Ways to increase energy supply Sustainable energy use – small and large scale AO3: Application <ul style="list-style-type: none"> Example – natural gas extraction Example - Micro-hydro scheme – Chambamontera, Peru 	Key Knowledge: <ul style="list-style-type: none"> Mock papers completed for Paper 1 and 2 Exam preparation – Paper 1 – Living with the Physical Environment 	Key Knowledge: <ul style="list-style-type: none"> Mock papers from Term 4 Exam preparation – Paper 2 – Challenges in the Human Environment Targeted revision sessions 	Key Knowledge: Exam Prep <ul style="list-style-type: none"> Mop-up revision sessions for knowledge gaps/areas for development Key case study reviews and revision Targeted intervention sessions with identified students from T4&5 Preparation for Paper 2 – 7th June 2022 Preparation for Paper 3 – 14th June 2022

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	AO2: Understanding <ul style="list-style-type: none"> Sustainable living in Freiburg, Germany AO3: Application <ul style="list-style-type: none"> Design a sustainable city project PREPERATION FOR JANUARY MOCKS				
Key Skills: AO4: Skills <ul style="list-style-type: none"> Map skills – locations Use of statistics 	Key Skills: AO4: Skills <ul style="list-style-type: none"> Map skills – locations Interpreting map data – chloropleth Data analysis Use of statistic 	Key Skills: AO4: Skills <ul style="list-style-type: none"> Map skills – locations Use of statistics 	Key Skills:	Key Skills:	Key Skills:
Assessment Students receive a mid-term assessment and an end of topic assessment.	Assessment Students receive a mid-term assessment and an end of topic assessment.	Assessment Students receive a mid-term assessment and an end of topic assessment.	Assessment Students receive a mid-term assessment and an end of topic assessment.	Assessment	Assessment

