

GIS Sixth Form Geography

CIE 9696



In this course, students will have the opportunity to investigate a wide range of contemporary issues that will help them to develop a deeper understanding of the challenges that the world is facing whilst allowing them to identify and assess the solutions that are being developed for a more sustainable future. A key focus of the course is the interrelationship between people and their environments and an understanding of the opportunities, problems, and conflicts that result.

Students will develop a wide range of skills that will help empower them to better understand the complex and dynamic world they live in. Students will understand how to use and evaluate primary and secondary data collection techniques, how to create methods that yield reliable results, and how to describe spatial patterns that enable them to make complex, considered judgments.

They will explore themes that will shape the 21st-century world. How should we deal with the threat of global warming and the likely environmental degradation associated with it? Can the world cope with an increase in the population of approximately 4 billion people? How can humans learn from the past to better predict, prepare for, and manage natural disasters? How will global economics and trade change in a climate of post-liberal politics, big data, and globalisation? Is large scale immigration a solution to ageing and declining populations? Students will be invited to consider values, meaning, and personal engagement in a world of noise and uncertainty.

Topics include population growth, global migration, rural and urban settlements, global interdependence, environmental management, hydrology, hazards, rocks and weathering, the weather, and tropical environments.

This course may particularly suit students wanting to follow a mainly humanities programme whilst at the same time maintaining a link to the sciences. Equally, it is ideal for science students wishing to broaden their range of interests. Most importantly, if you are interested in the world around you and making a positive contribution to the future of your communities, from local to global scale, then you should consider studying A Level Geography.

Assessment Overview

- ✓ 100% examination
- ✓ AS assessment:
 - Paper 1: Core Physical Geography
3 x 10 mark questions and 1 x 25 mark questions from a choice of 3 (1h 30m)
 - Paper 2: Core Human Geography
3 x 10 mark questions and 1 x 25 mark questions from a choice of 3 (1h 30m)
- ✓ A2 assessment:
 - Paper 3: Advanced Physical Geography
2 x 30 mark questions from a choice of 8 (1h 30m)
 - Paper 4: Advanced Human Geography
2 x 30 mark questions from a choice of 8 (1h 30m)

The study of geography is about more than just memorizing places on a map. It's about understanding the complexity of our world, appreciating the diversity of cultures that exists across continents. And in the end, it's about using all that knowledge to help bridge divides and bring people together.

Barack Obama

UNIVERSITY STUDY

Geography is one of the ten facilitating subjects that are helpful to gain entry into a Russell Group University. Geography is highly valued by universities as an A Level choice, and in 2015 The Guardian identified Geography as the 'must-have A Level'.

A Level Geography can be accepted as either a science or an arts subject at universities. The skills developed throughout the course are transferable and helpful in a number of careers including engineering, urban planning, environmental planning, law, water resource and transport management and many IT roles requiring an understanding of Global Information Systems.

ENRICHMENT OPPORTUNITIES

Fieldwork is an important part of the course. Students will make a number of local excursions to apply theory from the classroom to the complexity of the real world. Guest speakers are invited to GIS to share their expertise and experience with students.

WIDER READING



Prisoners of Geography: Ten Maps That Tell You Everything You Need To Know About Global Politics
by Tim Marshall

When the Rivers Run Dry: Water--The Defining Crisis of the Twenty-first Century
by Fred Pearce



Before the Flood (Documentary)
National Geographic

Population Growth Box by Box (TED Talk)
Hans Rosling



Garden International School

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