

From the moment we are born, it is our instinct to begin to explore the world around us with our senses.

There are many issues facing the World today but there are no clear opinions on how these issues are going to affect us or ideas on how these issues should be addressed. The intent of this department is to equip students with the knowledge and understanding of how the World functions so that they are able to come to their own conclusions on issues and not rely on the opinions of others without understanding how those opinions are arrived at.

TLS Geography Curriculum

- Engineering, Aviation, Applied Science
- Government agencies
- Business Accountancy and Finance
- Computer game coding
- Further academic research

Geographical issues and the synoptic themes. The independent investigation

The carbon cycle and energy security. Global developments and connections.

- How the carbon cycle operates and how human demand on energy is a threat to the global climate system.
- How human rights have developed and the impacts of geopolitical interventions.

Upper VI

Regeneration and Water Supply and Security

- Why regeneration is needed, how its managed and evaluating its success.
- The importance of the hydrological cycle, why it varies and how secure it is
- Planning data collection and processing for the investigation

Coastal Processes and Superpowers

- Coastal processes and their management.
- Superpower influences and conflicts.
- Evaluating possible investigation questions

Tectonic Processes and Globalisation

- The distribution of tectonic hazards and their management.
- The growth of globalisation and the management of its impacts.
- Contemplating the theme of the Individual Investigation.

Lower VI

Development In India and Mega Cities

- How is a country's development measured and how India compares?
- How development has changed India... pros and cons Is Mumbai sustainable?
- The problems and solutions facing a mega city

The UK's Physical Landscape

- The role of geology and physical processes in shaping the coastal and river features of the UK.
- How the physical environment can be managed in the UK.
- Walton on the Nazi field work

The UK's Human Landscape

- The distribution of the population and economic activity across the UK.
- How these distributions have changed and the impacts these changes are having (globalisation and urban renewal).
- Urban inequality in London investigation (field work)

Year 11

Global Biomes

- The distribution factors of biomes focussing on tropical rainforests and the taiga.
- The threats to and the management of biomes.
- What are the global roles of these biomes, why are they important? Malthus Vs Boserup theories.

Global Energy Use

- The impact of fossil fuels on global development and the reduction in their use.
- What alternative sources of energy exist that can replace fossil fuels? Are they going to provide for our future needs?
- Decision making exercises on energy use.

- Assessment and revision
- Evaluation of the pre public exam. Identifying strengths and weaknesses.

Year 10

Mega Cities

- What are and where are mega cities?
- What life is like in a mega city and why do people choose to live in them?
- Can mega cities be made sustainable?

Economic development

- What do we mean by development and how is it measured?
- The global distribution of development...where are the more developed and where are the less developed regions?
- India: a case study in development/economic change

Global Climates

- The causes in the differences in climate zones across the World.
- Climate change...is it something we have done or is it natural?
- How climate change might affect us?

Year 9

What is the UK?

- The key features of the UK in terms of landscape and climate.
- Where are the most populated areas of the UK and why?
- How does the UK earn its living?

The growth of London: Urban Development

- What do urban areas need to develop?

Year 7

Geography skills and concepts

- Where are we? locating Lammas in its local to global scale Maps and mapping.
- Learning the map reading skills every geographer needs. Exploration skills.
- Learning how to navigate and record what is out there.

Natural Hazards

- Is there such a thing as solid ground?
- Looking at how the Earth is structured. Earthquakes and volcanoes...How are they caused and where do they happen?
- What are the causes of cyclonic storms

The World's environments.

- Why does the World have different biomes at different locations?
- Key characteristics of the six global biomes.
- The problems each biome faces.

Year 8

Fuelling the World

- Identifying the different sources of energy.
- How sustainable is our energy supply?
- How can we make ourselves more energy sustainable

- How and why urban areas develop different zones within them. - How urban life is changing...what are the pros and cons of living in cities?