GEOGRAPHY

Within Geography students engage with the physical and human environments through both practical and theoretical learning systems. The students undertake fieldwork investigations of local issues as a building block to understanding the geographical challenges and their effects at both a local and global level.

Students are exposed to a wide variety of contemporary and engaging real world challenges and will analyse these issues on a variety of scales from the local to the global. The main challenges students will encounter include responding to the risks of natural hazards such as tropical cyclones and volcanoes, managing the land cover transformations and the impacts of humans on our environment and planning for a growing modern population. Case studies of a wide range of cultures, people and places will be investigated to widen student perspectives and develop their understanding of the wider world.

This course of study enables students to appreciate and promote a more sustainable way of life. Through analysing and applying geographical knowledge, students develop an understanding of the complexities involved in sustainable planning and management practices.

Geography aims to encourage students to become informed and adaptable so they develop the skills required to interpret global concerns and make genuine and creative contributions to society. It contributes to their development as global citizens who recognise the challenges of sustainability and the implications for their own and others' lives.

Students will also learn skills acquired through understanding and using spatial technologies such as ArcGIS.

Career Opportunities:
- Urban and environmental design
- Planning and management
- Biological and environmental science
- Conservation and land management
- Emergency response and hazard management
- Oceanography
- Surveying
- Global security
- Economics
- Engineering
- Information technology, and science
- Geospatial Technologies
- Geology
- National Park Service (Park Ranger)