Geography

Year 11 at Walford
Her Pathway

You will explore, analyse and apply the concepts of place, space, environment, interconnection, sustainability, scale and change. Identification of patterns and trends that consider geographical relationships and interdependencies will be explored. This knowledge promotes a more sustainable way of life and an awareness of social and spatial inequalities.

SACE Stage 1
one semester

Engage
Skills

- Interpret secondary sources of data and information
- Gain knowledge and understanding of geographical concepts of place, space, environment, interconnection, sustainability, scale and change.
- Use geographical and fieldwork skills to examine geographical features
- Use maps and spatial technologies
- Interpret images including photographs and satellite images
- Understand scale (enlargement, reduction, area and distance)
- Analyse and interpret statistics, fieldwork data, maps, profiles, cross-sections and transects
- Identify and analyse patterns and trends, infer relationships and make predictions
- Communicate geographical information and ideas
- Determine management strategies, make recommendations, form conclusions and solve problems

Extend
Knowledge

Themes and topics include:

- Theme 1 - Sustainable places, Topic 3: Megacities.
- Theme 2 - Hazards: natural hazards and: biological and human induced hazards
- Contemporary issues: Local Issues and global issues

Students will explore:

- Characteristics of megacities
- Migration (push and pull factors)
- Global distribution of megacities
- Megacity challenges (employment, housing, infrastructure, health and well-being)
- Megacity contributions - case study of a megacity
- Climate change and natural hazards (types)
- Science of bushfires
- Biological and ecological hazards
- Technological and human induced hazards
- Global waste management – plastic pollution

Enrich
Experiences

- Fieldwork data collection (natural hazards – bushfire assessment and risk)
- Participation and engagement in ‘Sustainable Futures Day’ on the Fleurieu Peninsula
- Investigation into timely and relevant contemporary issues
- Guest speaker to outline importance of geographical studies for future careers
- Old scholar connections

Assessments/Outcomes

Megacity case study broadsheet, bushfire fieldwork, biological and human Induced hazard report, global waste management presentation

Pathways

Career Pathways: Geographer, geotechnical engineer, geologist, urban and regional planner, environmental advisor, environmental manager, park ranger, surveyor, agricultural scientist.

Walford