GEOGRAPHY - Years 7 and 8

CURRICULUM ROADMAP

BEDE'S AMBITIOUS ACADEMIC FACULTIES

Y7

AUTUMN TERM

- Rivers
- Learn location of major rivers in the UK, Europe and the wider world
- Drainage basins; terminology, OS maps and models
- Describe how a river and its valley change along its long profile. Recognise the different stages of a river from photographs
- River processes
- River Cuckmere visits
- River features
- Meanders and oxbow lakes
- Flooding
- Demonstrate through actions the main processes of river erosion and transportation
- v-shaped valley models
- waterfall animations
- Simple infiltration experiment
- Recognise river and valley features on an OS map

SPRING TERM

- Transport and Industry
- Arguments for and against Heathrow expansion
- Choose the most appropriate mode of transport
- Pros and cons of different modes of transport
- Plan a route for a new relief road/bypass
- Classifying economic activities
- Employment structure: change over time and variation between countries
- Industrial location factors: choose most suitable site, identify factors on an OS map
- Plan a flood management scheme
- Contrasting effects of flooding and responses between UK and Bangladesh
- Identify flood risk for a settlement, e.g. Tewkesbury on an OS map.
- Physical, climatic and human causes of flooding

SUMMER TERM

- Coasts
- Coastal processes & landforms
- Evaluating sea defences
- Global nature of the Apple iPhone - reasons for the various locations
- Contrast coastal management strategies at Saltdean and Birling Gap
- Plan for the defence of an imaginary coastline

Y8

AUTUMN TERM

- Plot and interpret climate graphs for a range of locations
- Explain patterns of temperature and rainfall referring to climate factors
- Create an animation/video to show the formation of one type of rainfall
- Create a hurricane cross-section model
- Analysing data to investigate links between global warming and strength of hurricanes
- Investigate Met Office climate averages website

SPRING TERM

- Plate Tectonics
- Introduction to earth structure and basic seismology
- Distinguish between the 4 types of plate boundary
- Describe and explain the distribution of volcanoes and earthquakes
- Group news bulletin videos on a recent earthquake
- Investigating frequency and magnitude data of recent earthquakes
- Describe similarities in location of hurricanes, typhoons, cyclones
- Create a weather forecast video
- Explain the differences between depressions and anticyclones

SUMMER

- Weather & Climate
- Population
- Newspaper report on a recent or historic volcanic eruption
- Create a volcano model
- Describe and explain patterns of population density at a range of scales
- Create a population pyramid in Google Sheets/Excel using census data
- Investigate global lists and patterns of birth rate, death rate, life expectancy. Link to other development indicators
- Interpret and contrast population pyramids between developed and developing countries
- Case study: India's population; distribution, change over time and effects of rural to urban migration

YEAR 9