

Year 9 Geography: GCSE OCR B

You have covered work in 4 different sections of the course. You will need to learn all the work that we have covered in the sections below for your exam.

Unit 1: Rivers

- What are the components of the hydrological cycle?
- What is a drainage basin?
- How can a systems approach be applied to a drainage basin?
- How do changes in 1 part of a system affect other parts of it?
- What are the features of a storm hydrograph?
- How do different factors affect the shape of a storm hydrograph?
- What are the physical and human causes of flooding?
- How can drainage basins be managed to reduce flood risk?
- A case study of a MEDC flood (Causes, effects and management)
- A case study of a LEDC flood (Causes, effects and management)
- How does a river's profile change from source to mouth?
- A case study of 1 river valley and its landforms
- What processes are at work in a river?
- What are the following landforms like and how do they form:
Interlocking spurs and v shaped valleys
- Waterfalls and gorges
- Meanders and ox bow lakes
- Floodplains and levees
- Deltas

Unit 2: Population

- How is the world's population growing? ?
- Is the world's population evenly spread? ?

- How do birth rates and death rates vary between different countries? ?
- What is the demographic transition model? ?
- Why do birth and death rates change over time? ?
- How do you draw and interpret population pyramids? ?
- What is the dependency ratio? ?
- What are the effects of a country with a large youthful population? ?
- What are the effects of a country with a large ageing population? ?
- What are the effects of overpopulation in a LEDC? ?
- Why do governments need to manage the number of people? ?
- China: A case study of population management ?
- What are the reasons for migration? ?
- A Case study of international migration ?
- A Case study of internal migration ?
- What are the causes, consequences and management of urbanisation? ?
- What are the causes, consequences & management of counterurbanisation? ?

Unit 3: Natural Hazards - Tropical Storms

- Where are tropical storms found?
- What are the climatic conditions that lead to the formation of tropical storms?
- How do the natural processes affect the distribution?
- Case Study 1: Hurricane Katrina (MEDC)**
- Where?
- What were the impacts?
- What were the responses?
- Case Study 2: Cyclone Nargis (LEDC)**
- Where?
- What were the impacts?
- What were the responses?

- How does the level of development affect the impacts and responses?
- How can we predict tropical storms?
- How can people and places be protected from tropical storms?
- Why do people continue to live in areas at risk from tropical storms?

Unit 4: Economic Geography - Development and Aid

- What is development?
- What indicators can be used to measure development?
- What is the HDI and how can it help measure development?
- What are the advantages and disadvantages of the different indicators?
- How has development been described and mapped in the past?
- Why are different countries at different stages of development?
- What is aid and how can it affect development?
- How is some aid more sustainable than others via:
- Case study 1: A large scale development project
- Case study 2: A small scale development project