

W - mild Summers due to latitude
 - mild winters due to Ocean currents
 - wet due to relief and prevailing wind

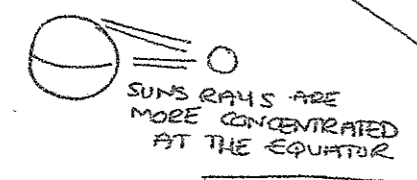
NE - mild summers due to latitude
 - very cold winters due to latitude
 - dry - as in rain shadows

SE - Warm summers due to latitude
 - Cold winters as not close to Gulf Stream
 - Dry - as in rain shadows

W - Warm summers due to latitude
 mild winters due to ocean currents
 wet due to relief and prevailing wind

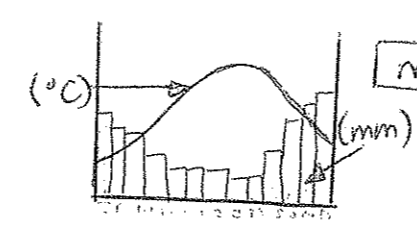
CLIMATE OF THE BRITISH ISLES

- L** = LATITUDE
- A** = ALTITUDE
 30m higher you go, colder it gets
- D** = DISTANCE FROM SEA
 SUMMER = WARMER INLAND
 WINTER = WARMER BY SEA
- P** = PREVAILING WIND
 NORTH WIND = COLD
 PREVAILING WIND = SW
 S WINDS = WARMER
- W** = WIND



FACTORS THAT AFFECT CLIMATE

HUMID TROPICAL CLIMATES
 - HOT AS NEAR THE EQUATOR
 - WET DUE TO CONVECTIONAL RAINFALL



MICROCLIMATES

The local climate of a small area

WIND DIRECTION
 Northerly winds cold in UK
 which direction is the slope facing? South facing = warmer
 close to buildings = hotter

SURFACE COLOUR
 Dark surfaces absorb heat so are warmer

URBAN MICROCLIMATES

- 1°C warmer than rural during the day
- 4°C warmer than rural at night when buildings and tarmac release heat
- less wind than rural areas but wind tunneling
- more convectional rainfall
- less snow than rural areas

WEATHER: The hour-to-hour, day-to-day conditions of the atmosphere, eg humidity, wind speed, wind direction, temperature

CLIMATE: The average weather conditions for an area over a long period of time

WEATHER & CLIMATE

WATER CYCLE

RAINFALL

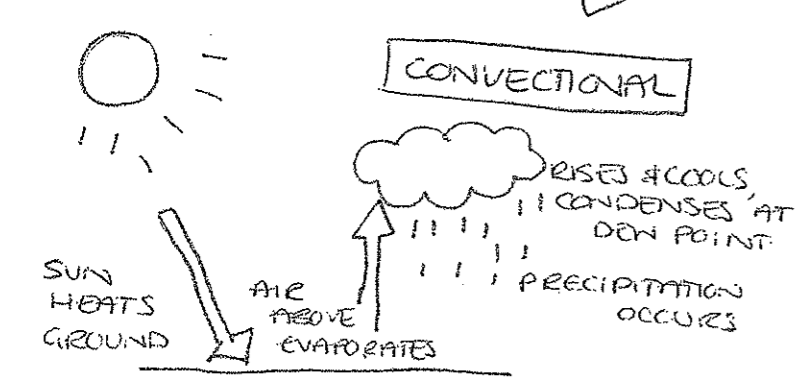
RCCCP

RISES, COOLS, CONDENSES, CLOUDS FORM, PRECIPITATION

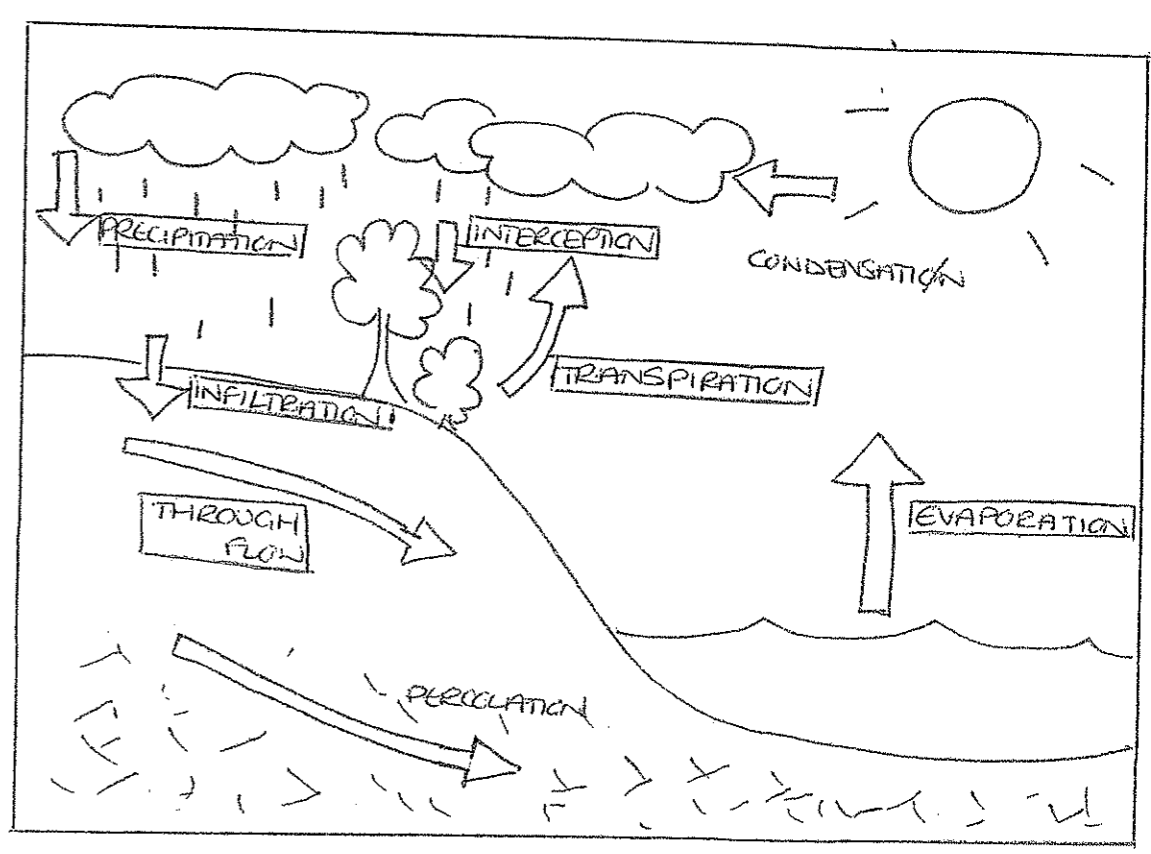
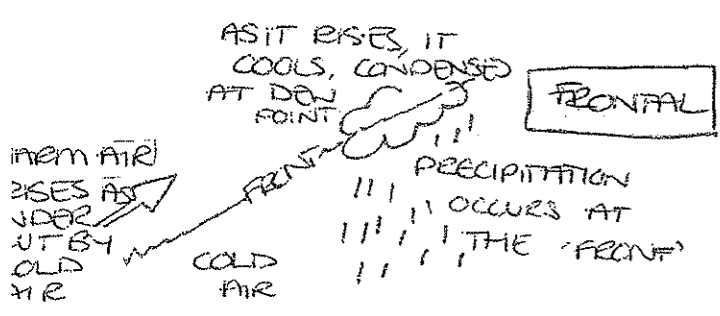
RELIEF



CONVECTIONAL

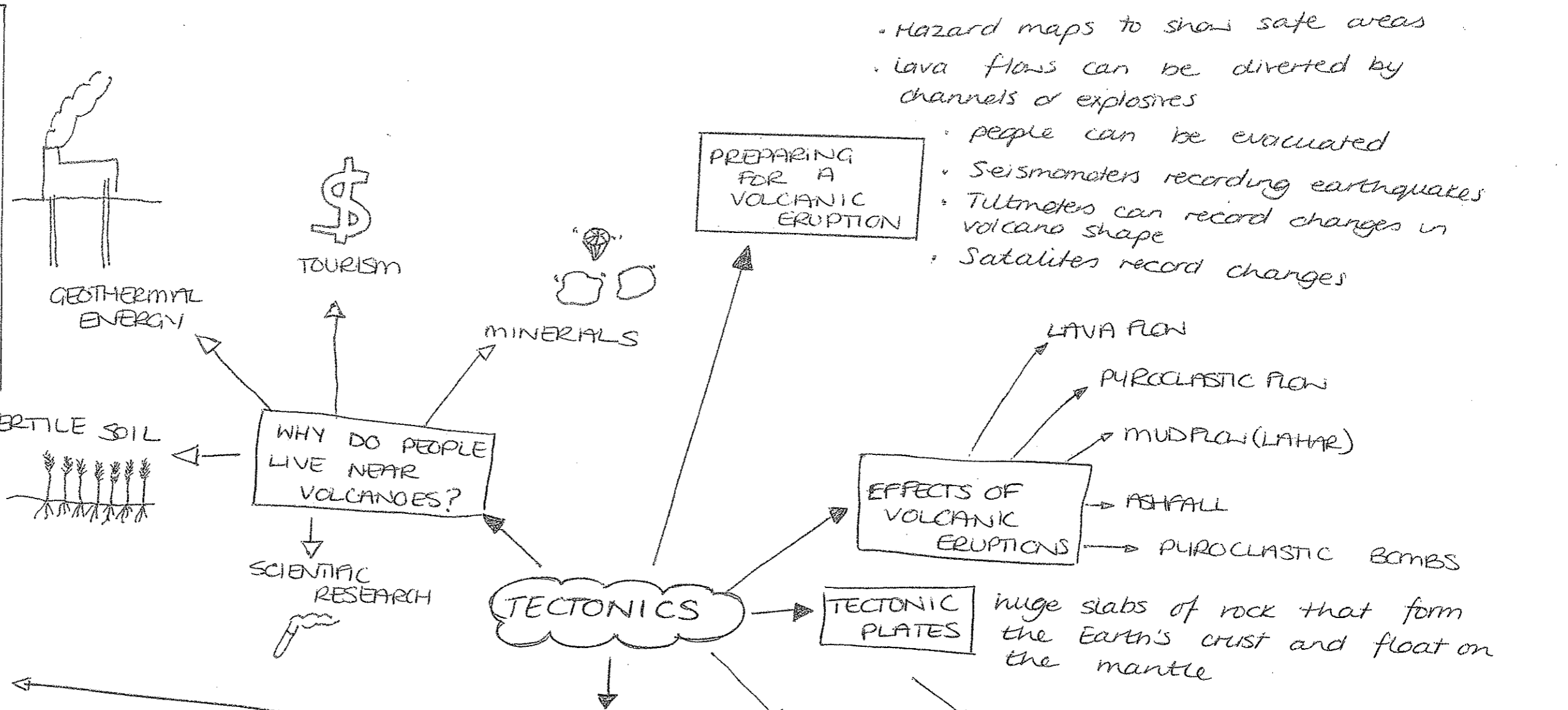


FRONTAL

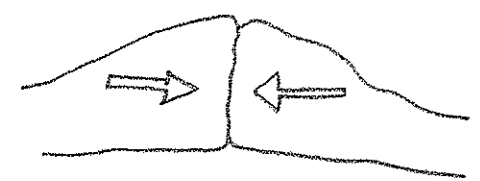


FACTORS DETERMINING THE SEVERITY OF DAMAGE

- Type of plate boundary
- How close it is to a settlement
- Wealth of the country (MEDC / LEDC)

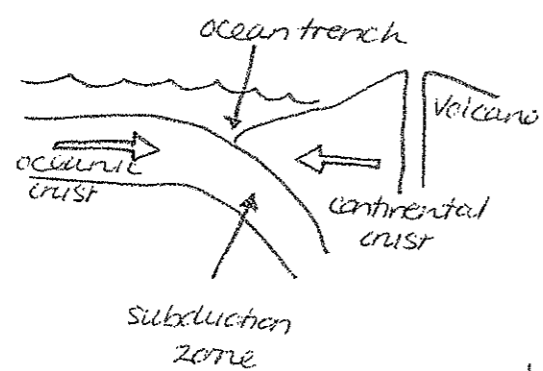


COLLISION



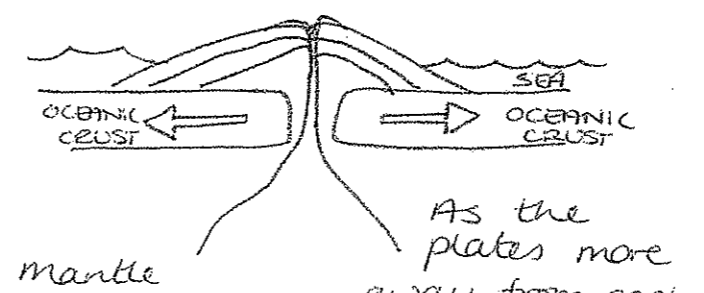
When two continental plates move towards each other two plates move upwards and form fold mountains, eg Himalayas

The heavier oceanic plate subducts below the continental crust. The oceanic crust melts and rises up to form a volcano. Friction builds up between the plates and an earthquake occurs.



CONSERVATIVE

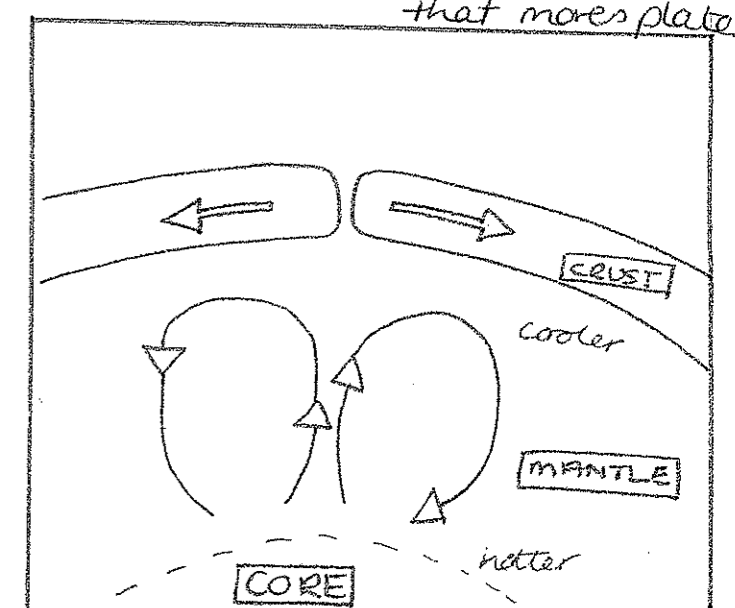
Two plate boundaries slide past each other. Plates lock, tension builds up and when they jolt an earthquake occurs. eg San Andreas Fault



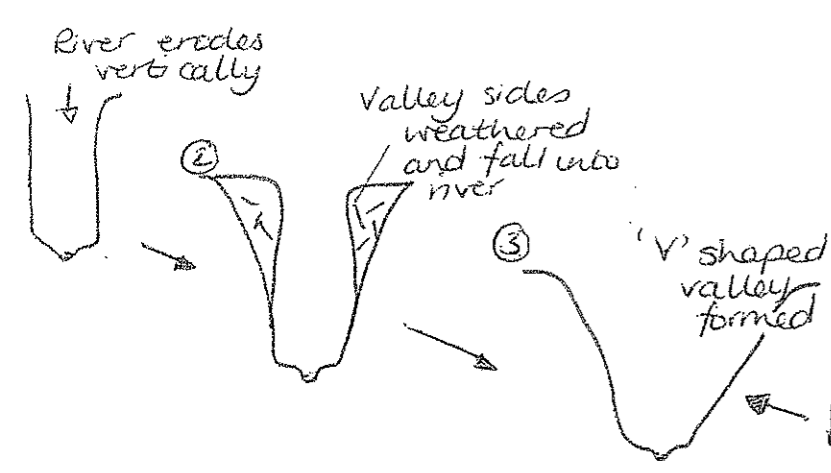
As the plates move away from each other magma fills the gap and a volcano is formed. eg. Mid Atlantic Ridge

CONTINENTAL DRIFT the movement of plates due to convection currents

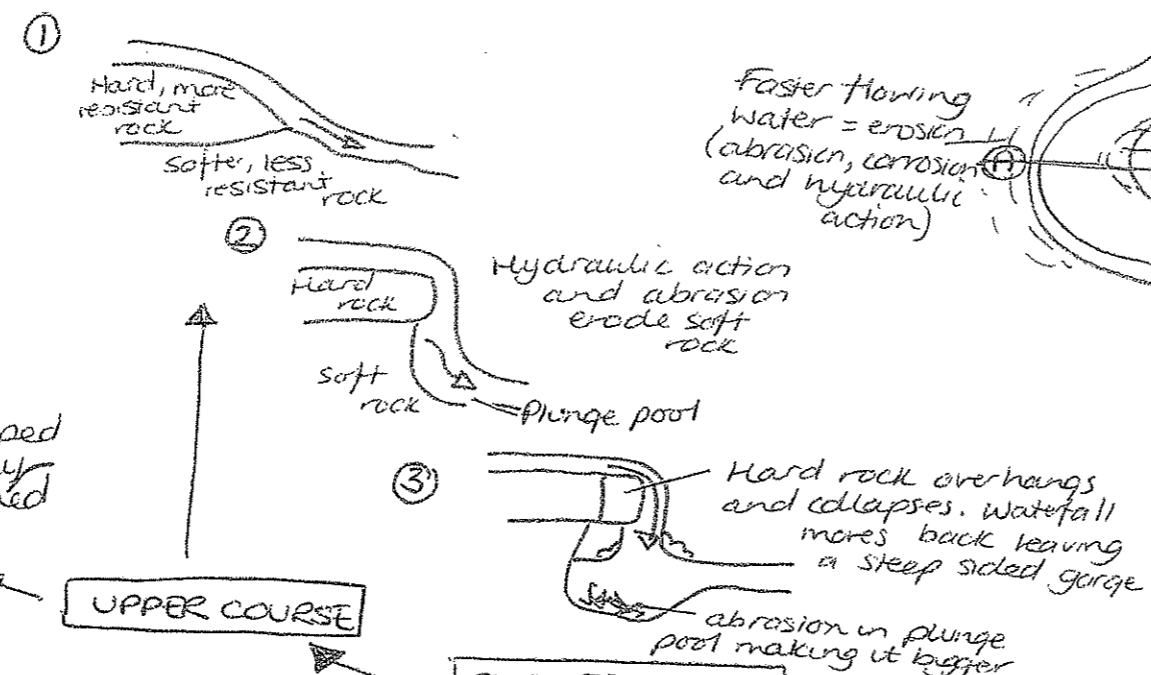
CONVECTION CURRENTS the movement of magma in the mantle that moves plate



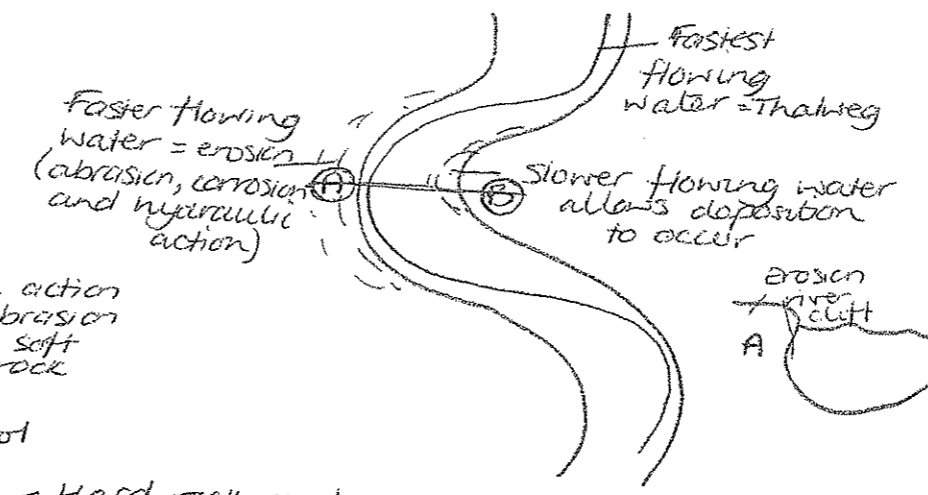
V' SHAPED VALLEY



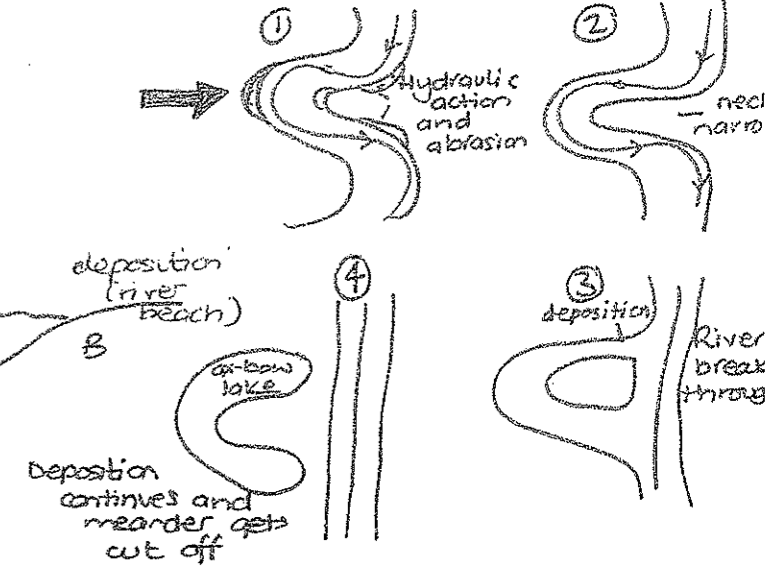
WATER FALL



MEANDER



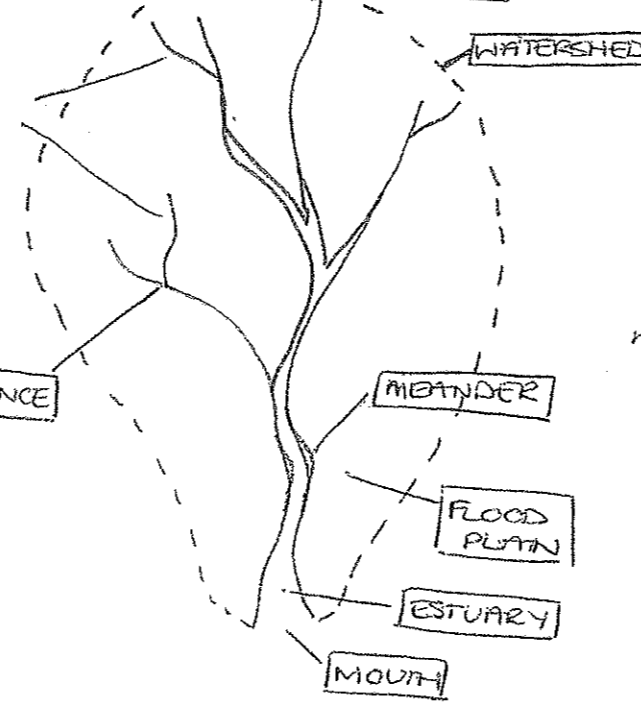
OX-BOW LAKE



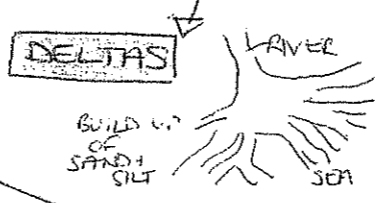
FEATURES OF THE RIVER

GEOMORPHOLOGY: RIVERS & COASTS

FEATURES OF A DRAINAGE BASIN

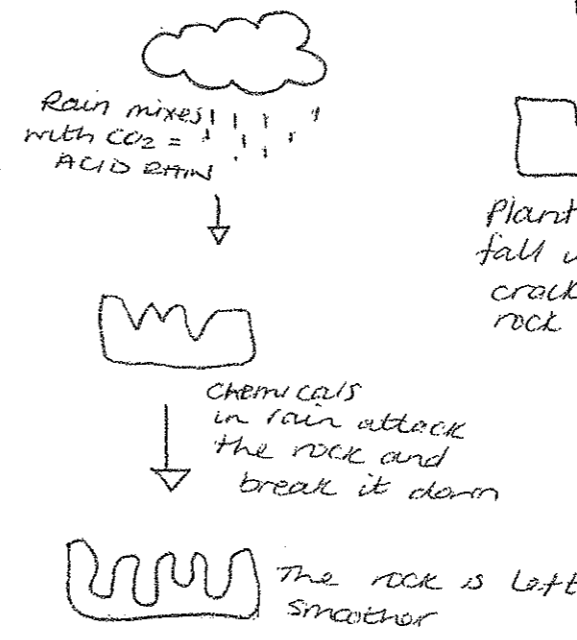


LOWER COURSE

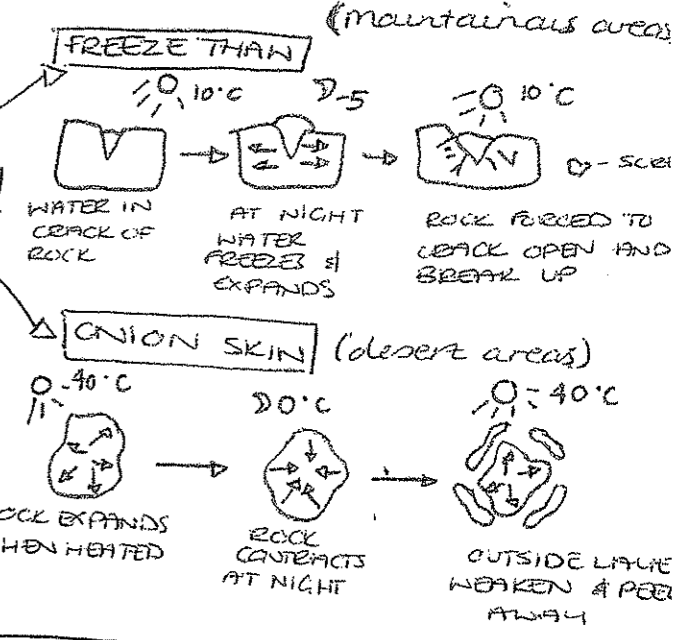


WEATHERING

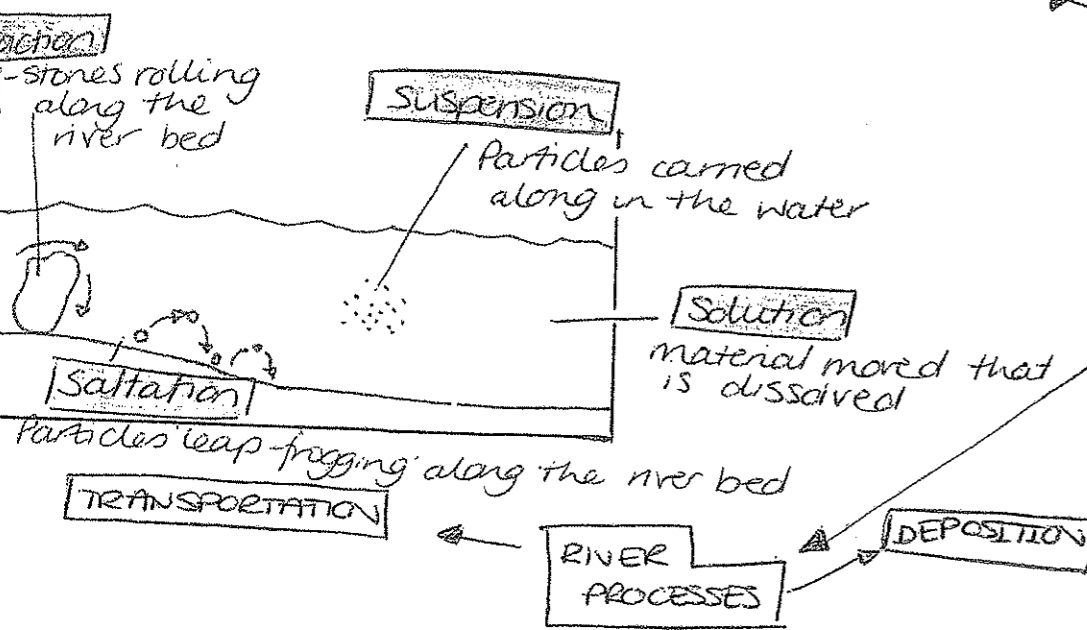
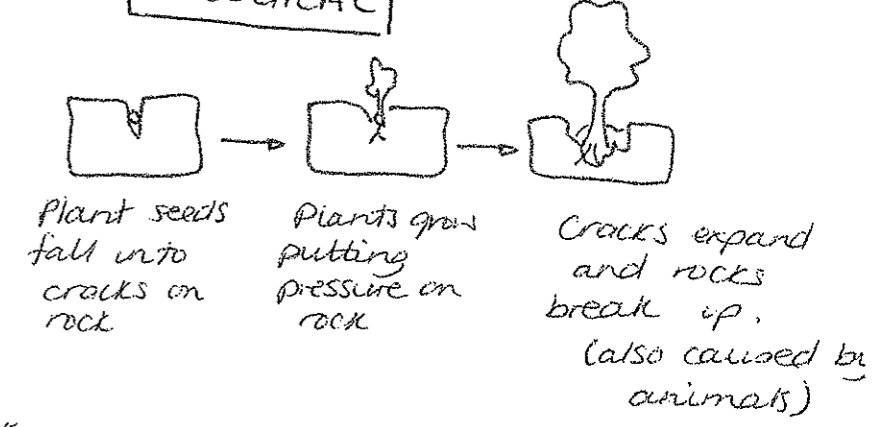
CHEMICAL



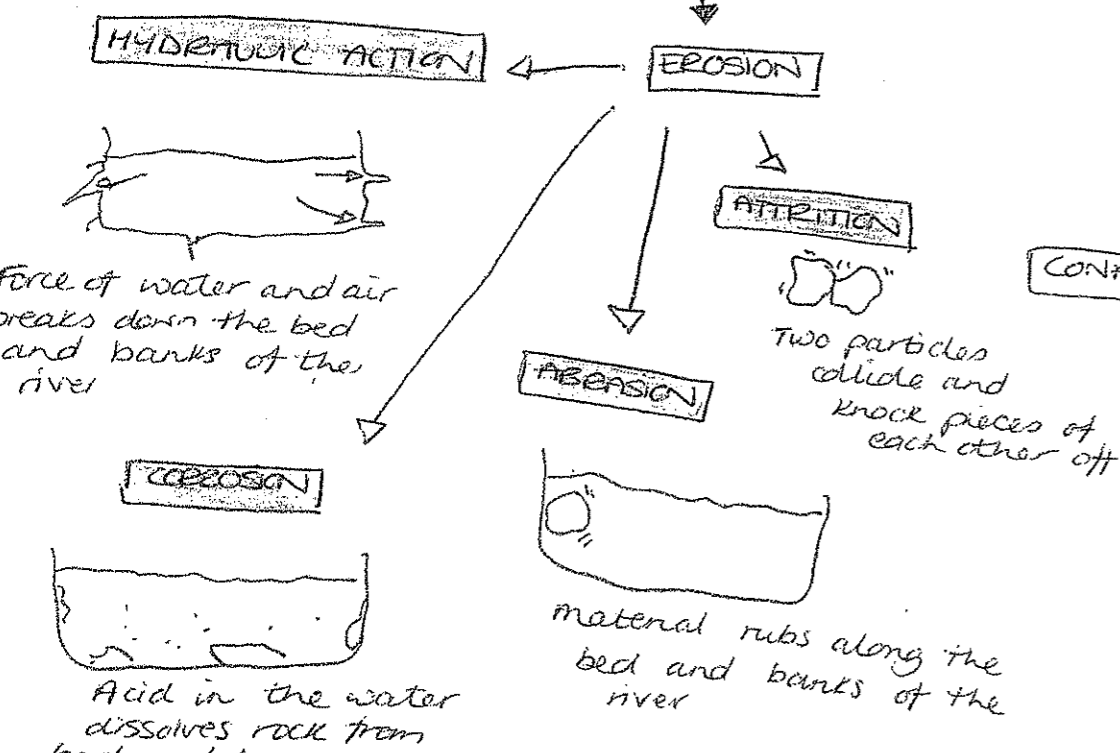
PHYSICAL

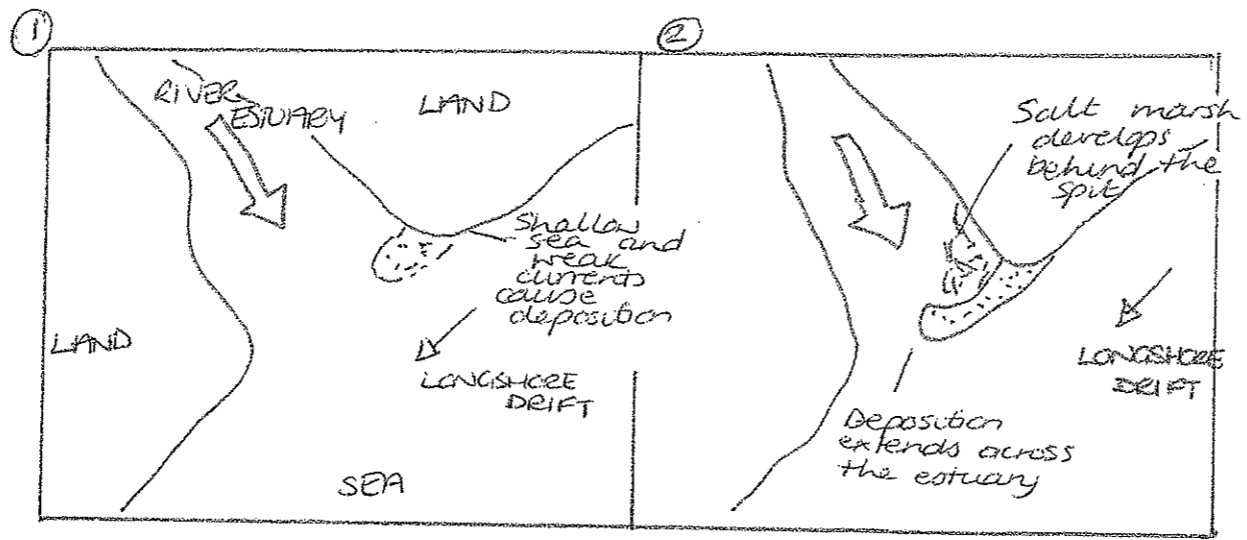
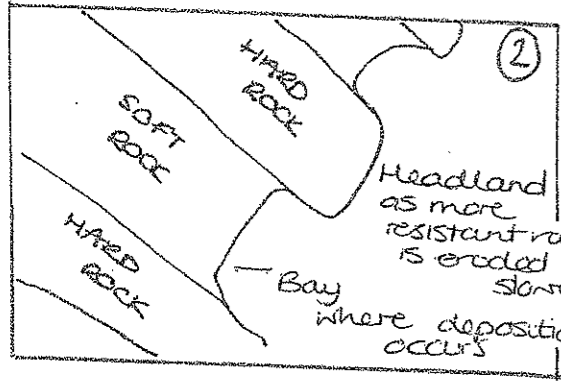
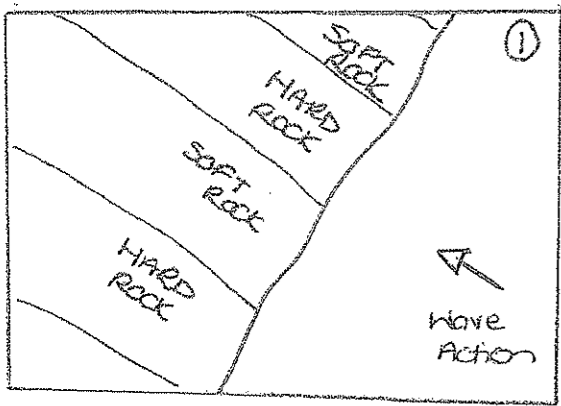


BIOLOGICAL



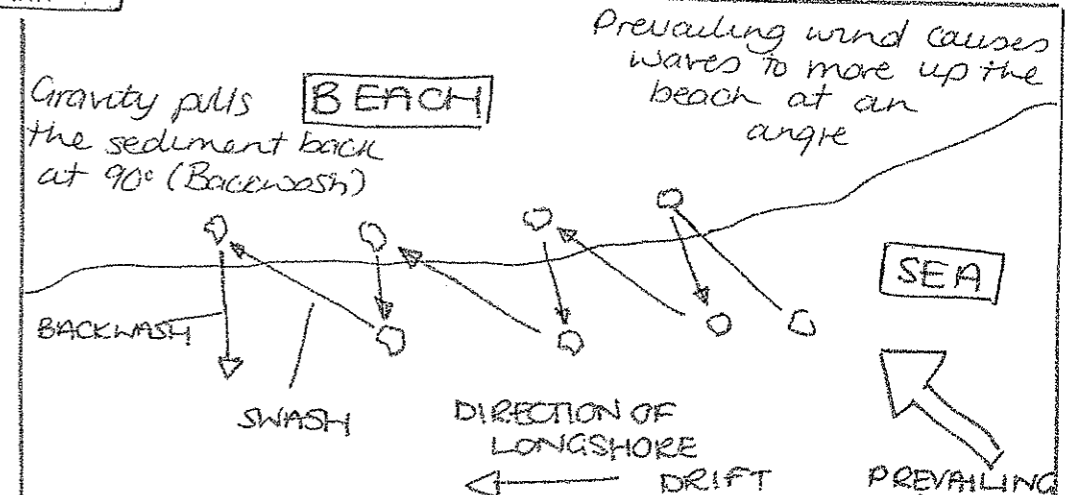
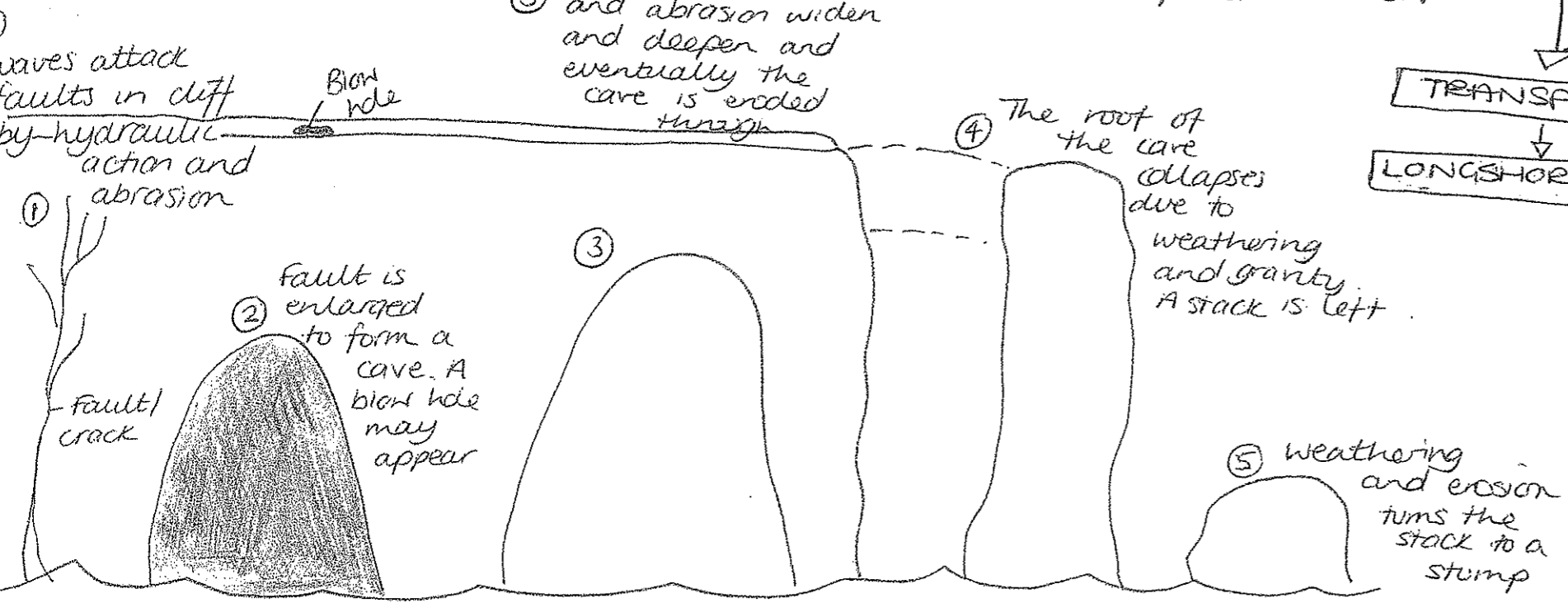
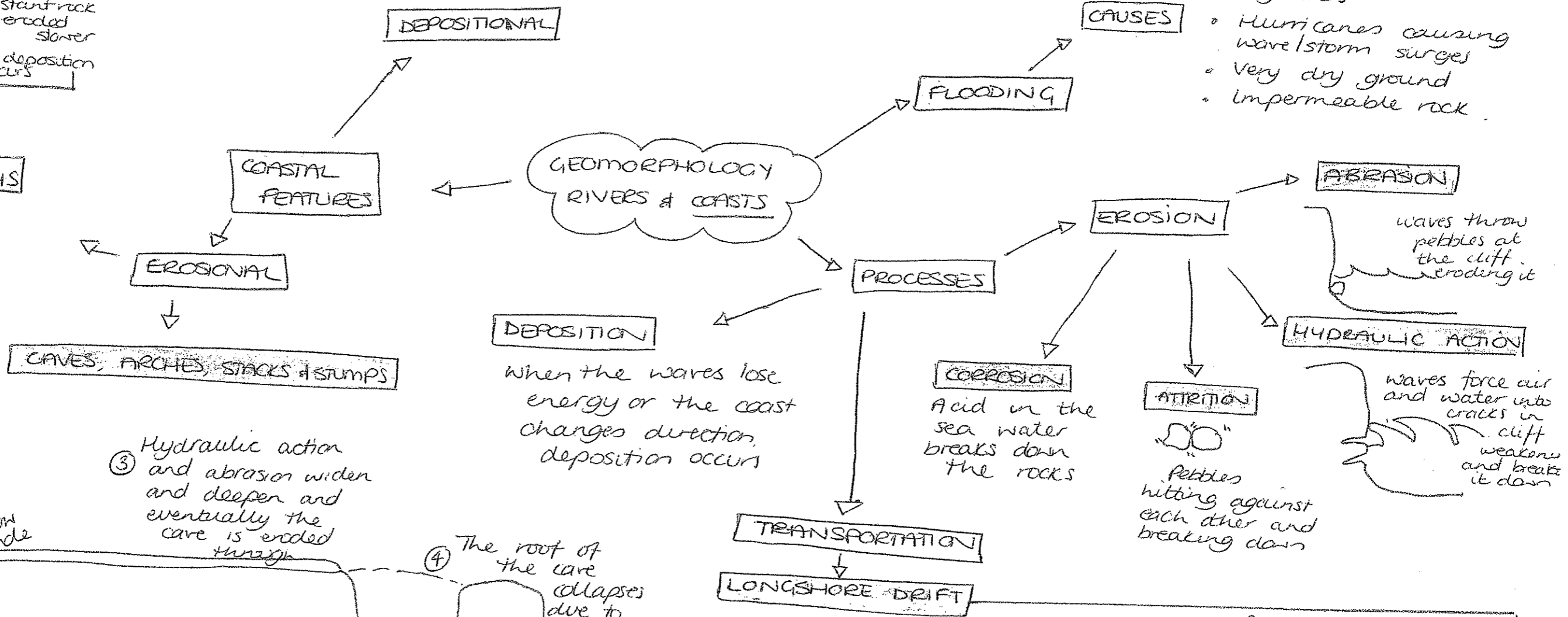
RIVER PROCESSES





- Heavy rain
- Saturated ground
- melting snow and glaciers
- Hurricanes causing wave/storm surges
- Very dry ground
- Impermeable rock

HEADLANDS + BAYS



Benefits to LEDC's

- provides jobs
- attracts other factories
- Improves economy
- Improves roads/facilities
- may improve skills of people

Problems to LEDC's

- Environmental pollution
- low wages and poor working conditions
- Less local industry developed
- Long working hours

INPUTS

- Cloth
- Leather
- Thread
- Zips
- Land
- Factory
- Labour
- Skills
- Capital (Money)

PROCESSES

- Cutting
- Sewing
- Gluing
- Dying
- Packing

OUTPUTS

- Sports clothes/Shoes
- Profit
- Pollution
- Waste
- Off cuts

LINKAGES / FEEDBACK

- Money
- Knowledge
- Research / development

INDUSTRY
eg NIKE

ECONOMIC GEOGRAPHY

GLOBALISATION

The process by which companies, ideas and lifestyles spread over the world.

LOCATING INDUSTRY

Location of industry in the UK used to be because they were traditional heavy industries and needed to be near raw materials. Company owners still need to consider:

- * GOVERNMENT GRANTS (is the government offering money to locate somewhere?)
- * LABOUR FORCE (near settlements where workers live)



contour lines close together if land is steep

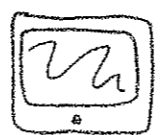
* RELIEF (is the land flat or steep? Suitable for building on)

* MARKET (where are the people or companies that need the goods)

* TRANSPORT (how close is it to roads, airports, ports)

QUATERNARY ACTIVITY

A knowledge based industry such as hi-tech research eg Scientific research



TERTIARY ACTIVITY

Providing a service eg Lawyers, bankers, teachers, doctors

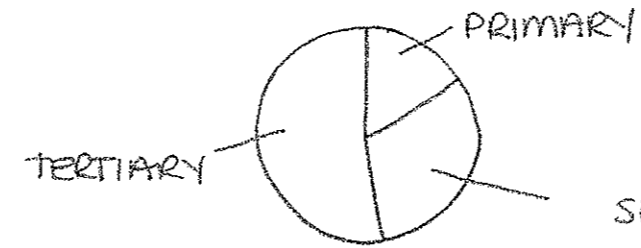
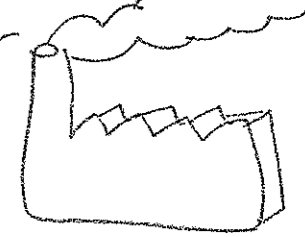


PRIMARY

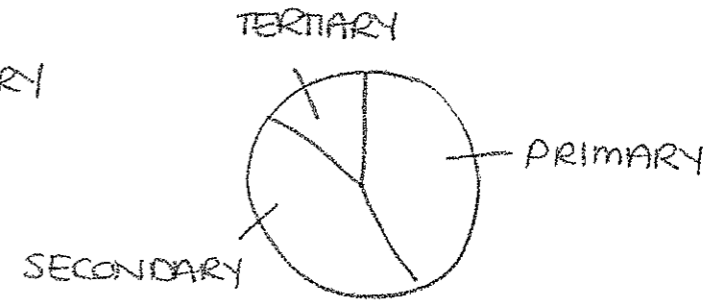
Extracting raw materials from the earth or sea eg Farmers, miners and fishermen

SECONDARY ACTIVITY

manufacturing industry which makes raw materials into goods eg Bakers and car factory worker



MEDC



LEDC

- Quarry owners
- Walkers
- MOD
- local residents
- Bird Watchers
- Cyclists
- Tourists
- local council
- Developers
- conservationists
- School groups

USER GROUPS

There is often conflict between different user groups because they want different things

CONFLICT

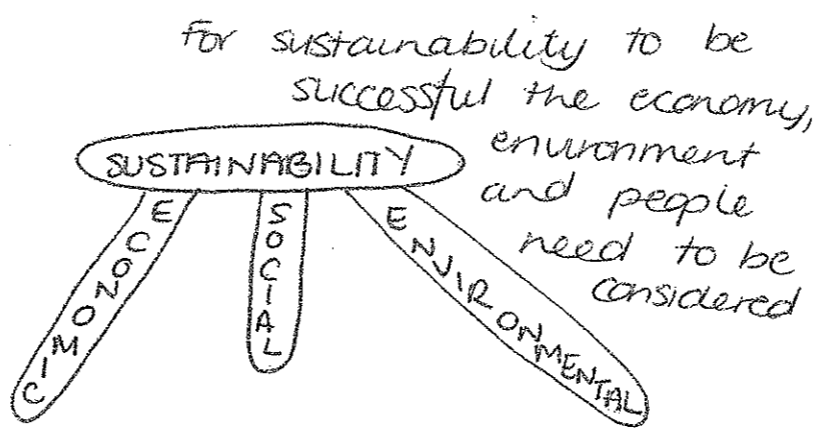
Established in 1949 to protect beautiful areas of countryside and the cultural heritage of areas

NATIONAL PARKS

NAMES IN THE UK

- New forest
- South Downs
- Dartmoor
- Exmoor
- Pembrokeshire Coast
- Brecon Beacons
- Snowdonia
- Peak District
- Lake District
- Northumberland
- Loch Lomond
- Cairngorms
- Urrishall
- North York Moors
- Broads Authority

15



'Providing for the needs of the present without compromising the needs of the future'

SUSTAINABILITY

STEWARDSHIP

looking after resources in a sustainable way so that it exists for future generations

ENVIRONMENTAL ISSUES

WHY DO WE NEED TO PROTECT THE ENVIRONMENT?

- Protect green open spaces from development and urban sprawl
- Conserve natural habitats
- Preserve endangered plants and animal species
- Provide areas for outdoor pursuits
- Preserve peoples way of life

HOW CAN WE PROTECT THE ENVIRONMENT?

SUSTAINABLE TOURISM

EDUCATION

GREENFIELD SITES (fields and green spaces)

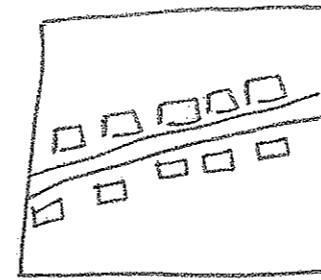
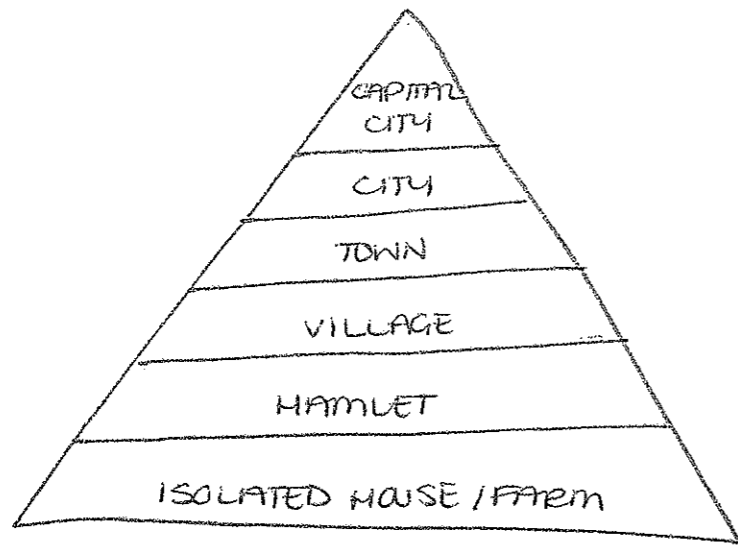
COUNTRY PARKS

CONSERVATION GROUPS

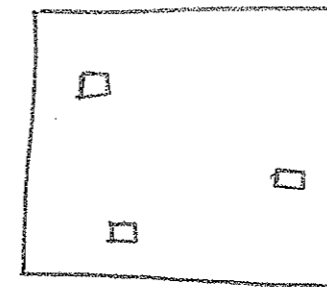
NATIONAL PARKS

THE ENVIRONMENT AGENCY

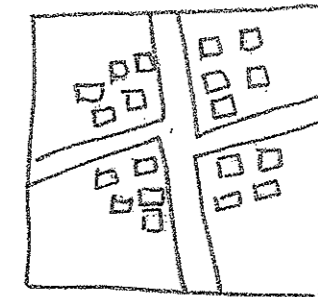
maintained by the National Parks Authority (NPA)
The land is owned privately, by farmers, the National Trust or Ministry of Defence



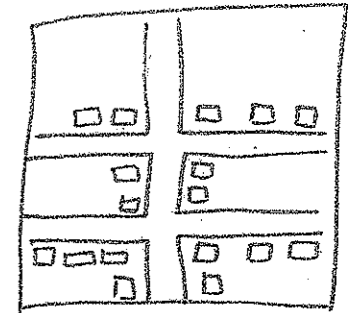
LINEAR



DISPERSED



NUCLEATED



PLANNED

HIERARCHY

PATTERNS

REASONS FOR THE SITE OR SITUATION OF A SETTLEMENT

- **Relief** - not too steep but sheltered
- **Transport**
- **Soil** - fertile soil for growing crops
- **Water supply**
- **Wood** - for building and fuel
- **Defence** - hilltops and meanders are easier to defend.

←

SETTLEMENT

→

FUNCTION

- Administrative
- Residential
- Industrial
- Commercial
- Service
- Tourism

SITE - The exact physical location of a settlement

SITUATION - A settlement's setting in relation to its surroundings

↓