


1. Cut out the grid and stick it across a double page (or print on A3)

2. Draw an icon to represent the contents the box

3. Using resources such as your exercise book and textbooks, write an overview of each factor on the outside of your sheet.

Secondary Effects	Natural Hazards	Hazard Risk
Primary Effects	Immediate Responses	Structure of the Earth 
Conservative Plate Margin	Long-term responses	Plate Movement
Destructive Plate Margin	Constructive Plate Margin	Distribution of earthquakes and volcanoes


4. In a few days, repeat this, using only your memory!

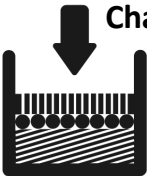
Revision Grids


The Changing Landscapes of the UK





internet geography


Upland areas	Lowland areas	Igneous rock 
Plate collisions	Plate movements	Sedimentary rock
Active Volcanoes	Tectonic Activity in the UK	Metamorphic rock


Upland landscapes	Lowland landscapes	Granite
Upland glacial landscapes	Lowland glacial landscapes	Slate and schist
Sandstone	Chalk 	Basalt


Weathering	Erosion	Slope processes
Landscapes and forestry 	Landscapes and settlement	Freeze-thaw weathering
Landscapes and agriculture	Distinctive lowland landscapes	Distinctive upland landscapes


Mechanical weathering	Salt weathering	Chemical weathering
Abrasion	Attrition	Carbonation weathering 
Hydraulic action	Solution	Biological weathering
Slumps	Slides	Mass movement


Saltation	Waves 	Wave energy
Traction	Suspension	Breaking wave
Longshore drift	Solution	Swash
Destructive waves	Constructive waves	Backwash


Coastal deposition	Reasons for coastal deposition	Constructive waves
Impact of prevailing winds 		Concordant coastlines
Impact of storms	Impact of climate on the coast	Discordant coastlines


<p style="text-align: center;">Cliffs</p> 	<p style="text-align: center;">Wave-cut platforms</p>	<p style="text-align: center;">Headlands and bays</p>
<p style="text-align: center;">Landforms of erosion on OS maps</p>	<p style="text-align: center;">Landforms of deposition on OS maps</p>	<p style="text-align: center;">Erosion of a headland</p>
<p style="text-align: center;">Bars</p>	<p style="text-align: center;">Spits</p>	<p style="text-align: center;">Beaches</p>


Industry & the coast	Urbanisation & the coast	Agriculture & the coast
Soft engineering	Beach nourishment 	Coastal retreat and flooding on people
Groynes	Managed retreat	Coastal retreat and flooding on the environment
Rip rap	Sea wall	Hard engineering


Location	Geology	Climate
Coastal management	Coastal Case Study	Landform 1
Industry		Landform 2
Tourism 	Landform 4	Landform 3


Suspension	Long profile	Cross profile
Dissolution weathering	Carbonation weathering	Lateral erosion 
Chemical weathering	Biological weathering	Vertical erosion
Freeze-thaw weathering	Mechanical weathering	Weathering


Mass movement	Slides	Slumps
Traction	Deposition	Hydraulic action
Solution	Deposition occurs...	Abrasion
Saltation 	Solution	Attrition


Geology	Waterfalls	Gorges
Middle course landforms on OS maps	Lower course landforms on OS maps	Interlocking spurs
Upper course landforms on OS maps		Meanders 
Levees	Flood plains	Ox-bow lakes


Climate and river landscapes	Rainfall 	Temperature
Geology and flooding	Heavy rain and flooding	Storms are rivers
Prolonged rainfall and flooding	Relief and flooding	Droughts and rivers
Industry	Agriculture	Urbanisation


Building and flooding	Deforestation and flooding	Flooding impact on people
Soft engineering	Flood plain zoning	Flooding impact on the environment
Channelisation	Washlands	Hydrographs
Dams and reservoirs 	Hard engineering	Flashy and flat hydrographs

 River	Location	Geology
Planting trees	River Case Study	Influence of climate
Channel management		Deforestation
Reservoirs	Flood defences	Farming

UK ice coverage	Plucking	Abrasion
Glacial trough	Pyramidal peak 	Rotational slip
Hanging valleys	Tributary glacier	Arete
Truncated spurs	Roche moutonnee	Corrie

Relict upland glacial landscapes	Mechanical weathering	Freeze-thaw weathering
Glacial till	Moraine	Mass movement
Rainfall and mass movement		Soil creep
Diurnal range	Rock slides	Rock falls 


Drumlins	Crag and tail	OS maps and corries
Tourism and recreation	Renewable energy	OS maps and aretes
Water storage and supply	Conservation	OS maps and glacial troughs
Settlements	Forestry 	Livestock


Location	Geology	Glacial history
Renewable energy	Glaciated Landscape Case Study	Landform of erosion 1
Mining		Landform of erosion 2
Farming	Tourism 	Landform of erosion 3


Weather Hazards and Climate Change





internet geography


Latitude and temperature	Winds transferring heat	Pressure belts
Ocean Currents	Global atmospheric circulation	Surface winds 


Glacial periods	Inter-glacial periods	Ice cores
Volcanic activity	Milankovitch cycles	Historical sources
Solar variation	Pollen records	Tree rings 

The Greenhouse Effect	Enhanced greenhouse effect	Industry
Impact on the environment		Transport
Impact on people	Farming 	Energy

UK Climate	Temperature 	Precipitation
Air Masses	The North Atlantic Drift	Climate over the last 1000 years
Continentality		Regional rainfall differences
Unique climate	Regional wind differences	Regional temperature differences

Location of tropical storms	Formation of tropical storms	Structure of tropical storms
Individual responses	Responses from organisations	Climate change and tropical storms
Environmental impacts	Responses from Governments 	Tropical storm hazards
Economic impacts	Social impacts	Case study and location (developed country)


Individual responses	Responses from organisations	Case study (developed country)
Responses from Governments		Location
Economic impacts	Environmental impacts	Social impacts 


Ari environments	Drought 	Drought hazards
Impacts on ecosystems	Individual response	Meteorological causes of drought
Impact on people	Government response	Hydrological causes of drought
Drought case study location	Vulnerable locations	Human causes of drought

A lush tropical forest scene. In the foreground, a large, moss-covered tree trunk is prominent, with a large bromeliad plant growing from it. The forest floor is covered in various green plants and ferns. The background shows a dense canopy of tall trees with sunlight filtering through the leaves.


Ecosystems, biodiversity and management


 **internet geography**

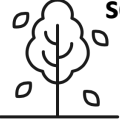
Ecosystem	Biome	Climate
Temperate forests	Local Factors - Altitude	Local Factors – Soil Type
Tundra	Tropical rainforest	Coniferous/Boreal forest
Temperate grasslands	Tropical grassland	Deserts 


Biosphere	Food resource	Medicine resource 
Food resource	Building resources	Fuel resources
Mineral exploitation	Water exploitation	Energy exploitation


UK ecosystem distribution	Heaths	Moorlands
Wetlands	Woodlands	Marine ecosystems
Pollution	Damage to seabed	Fishing 

TRF soil	TRF climate 	TRF water
TRF plants	TRF animals	TRF humans
Interdependence	Vegetation layers	Plant adaptations
Animal adaptations	Food chains	Nutrient cycle

Rainforest biodiversity	Food	Medicines 
Timber	Recreation	Climate change threats
Deforestation threats – agriculture	Deforestation threats – resource extraction	Sustainable use of the TRF
Governments	Commodity value	Ecotourism

Deciduous woodlands – seasons 	Location	Climate
Soil	Water	Plants
Animals	Humans	Abiotic components
Biotic components	Interdependence	Vegetation structure

Deciduous forest vegetation adaptation	Deciduous forest animal adaptation	Nutrient cycle
Biodiversity	Timber 	Fuel
Conservation	Recreation	Climate change and structure
Climate change and function and biodiversity	Economic threat of deforestation	Social threat of deforestation

Case study of a deciduous forest 	Location	Background
Groups managing the forest		Outreach and education
Wildlife management	Recreation	Coppicing