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

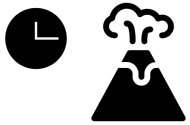
internet geography

internet geography

The Challenge of Natural Hazards

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**

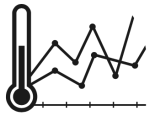
Secondary effects of LIC/NEE earthquake	**HIC earthquake case study**	**Cause of HIC earthquake** 
Primary effects of LIC/NEE earthquake	**Long-term response to HIC earthquake**	**Primary effects of HIC earthquake**
Cause of LIC/NEE earthquake	**Immediate response to LIC/NEE earthquake**	**Secondary effects of HIC earthquake**
LIC/NEE earthquake case study	**Long-term response to HIC earthquake**	**Immediate response to HIC earthquake**

Protection from eruptions	Economic reasons for living at risk	Social reasons for living at risk 
Planning for earthquakes	Where do people live at risk?	Monitoring volcanoes
Predicting earthquakes 		Predicting eruptions
Monitoring earthquakes	Protection from eruptions	Planning for eruptions

Latitude and temperature	**Pressure belts**
Global atmospheric circulation	**Surface winds** 

Location of tropical storms	**Formation of tropical storms**	**Structure of tropical storms** 6 6
Predicting tropical storms	**Protection from tropical storms**	**Climate change and tropical storms**
Monitoring tropical storms 	**Planning for tropical storms**	**Primary effects of a tropical storm**
Long-term responses	**Immediate responses**	**Secondary effects of a tropical storm**

UK weather – more extreme?	**Storm events in UK**	**Flooding UK** 
Management strategies to reduce the risk	**Predictions for future weather**	**Droughts and heatwaves in UK**
Environmental impacts	**Impact of climate change**	**Extremes of cold in UK** 
Economic impacts	**Social impacts**	**Cause of an extreme weather event**

Adaptation	**Climate change**	**Natural causes of climate change**
Mitigation		**Human causes of climate change**
Environmental effects of climate change	**Social effects of climate change**	**Evidence of climate change** 


The Living World
internet geography

What is an ecosystem?	Biotic	Abiotic
Nutrient cycling	Litter	Producers 
Food web	Biomass	Primary consumers
Food chain	Decomposers	Secondary consumers

Temperate grassland	**Biome**	**Coniferous forest**
Polar/tundra	**Tropical rainforest**	**Deciduous forest**
Mediterranean	**Tropical grassland**	

Plant adaptations in TRF	**Location of TRF**	**Climate**
Animal adaptations in TRF	**Threats to biodiversity**	**Weather** 
Nutrient cycle	**Biodiversity in TRF**	**Soils**
Interdependence	**People**	**Plants and animals**

Soil erosion	**Deforestation**	**Rates of deforestation**
Impact economic development	**Climate change**	**Subsistence and commercial farming**
Settlement and population growth	**Indigenous people**	**Logging** 
Energy development	**Mineral extraction**	**Road building** 

Conservation and education	**Value of tropical rainforest to people**	**Value of tropical rainforest to environment**
Conservation and education	**Debt reduction**	**Selective logging**
Ecotourism	**International agreements** 	**Replanting**

People	**Hot desert location**	**Aridity**
Animal adaptation	**Interdependence**	**Heat** 
Plant adaptation	**Biodiversity**	**Landscapes**
Soils	**Water**	**Climate**

Inaccessibility	**Hot desert case study**	**Location**
Water supply challenges	**Extreme temperatures** 	**Mineral extraction**
Tourism	**Farming**	**Energy**

Water and soil management	**What is desertification?** 	**Where?**
Soil erosion	**Appropriate/ intermediate technology**	**Why?**
Over-cultivation	**Tree planting**	**Climate change**
Overgrazing	**Fuel wood**	**Population growth**

People	**Cold environments location**	**Polar**
Animal adaptation 	**Interdependence**	**Tundra**
Plant adaptation	**Biodiversity**	**Polar climate**
Soils	**Permafrost**	**Tundra climate**

Inaccessibility	**Cold environments case study**	**Location**
Buildings and infrastructure	**Extreme temperatures**	**Mineral extraction**
Tourism	**Fishing**	**Energy** 

Action by governments	Wilderness Area – What and where?	Why protect? 
Conservation groups	International agreements	Technology

UK Physical Landscapes

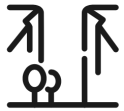
Carbonation	**Waves** 	**Wave energy**
Chemical weathering	**Hydrolysis**	**Breaking wave**
Mechanical weathering	**Freeze-thaw**	**Swash**
Destructive waves	**Constructive waves**	**Backwash**

Saltation	**Mass movement**	**Rockfall** 
Traction	**Suspension**	**Landslide**
Solution	**Solution**	**Slumping**
Attrition	**Deposition**	**Mudflow**
Corrasion	**Abrasion**	**Hydraulic action**

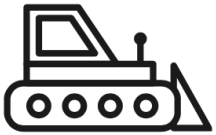
Sand dunes	**Concordant coastline**	**Discordant coastline**
Berms	**Spits**	**Geology** 
Beaches	**Bars**	**Headlands and Bays**
Caves, arches and stacks	**Cliffs and wave-cut platforms**	**Wave refraction**

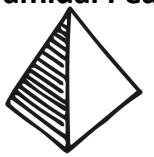
Dune regeneration	**Hard engineering**	**4 management options**
Beach reprofiling	**Managed retreat**	**Sea wall**
Beach nourishment 	**Cost/benefits of managed retreat**	**Rock armour**
Soft engineering	**Groynes**	**Gabions**

Suspension	Long profile	Cross profile
Saltation 	Traction	Lateral erosion
Solution	Solution	Vertical erosion
Attrition	Abrasion	Hydraulic action

Estuaries	**Interlocking spurs**	**Waterfalls**
Floodplains	**Landforms of erosion**	**Gorges** 
Levees		**Meanders**
Oxbow lakes	**Riffles**	**Pools**

Flood warnings 	**Physical factors affecting flood risk**	**Human factors affecting flood risk**
Food relief channels	**Floodplain zoning**	**Hydrographs**
Embankments	**Afforestation**	**Flashy hydrograph**
Channel straightening	**Dams and reservoirs**	**Flat hydrograph**

Bulldozing 	Glaciated upland areas	Late Devensian ice sheet
Glacier retreat	Till	Freeze-thaw weathering
Glacier advance	Outwash plain	Abrasion
Internal deformation	Basal slip	Plucking

Lateral moraine	**Corries**	**Aretes**
Drumlins	**Medial moraine**	**Pyramidal Peaks** 
Erratics	**Ground and terminal moraines**	**Glacial troughs**
Ribbon lakes	**Hanging valleys**	**Truncated spurs**

Reservoir construction	**Farming**	**Forestry**
Energy development	**Conifer plantations**	**Quarrying** 
Tourism and conservation		**Tourism**
Quarrying and conservation	**Farming and tourism**	**Conflict**