



**The Challenge of Natural Hazards**

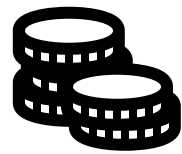
**Synoptic Links with The Living World Unit**



**Resource Management**



**The Living World**



**The Changing Economic World**



**Physical Landscapes in the UK**



**Urban Issues and Challenges**



**SYNOPTIC LINKS**

**Making synoptic links means making connections between different elements of geography.**

**Synoptic link 1**



**Synoptic link 2**



**Synoptic link 4**

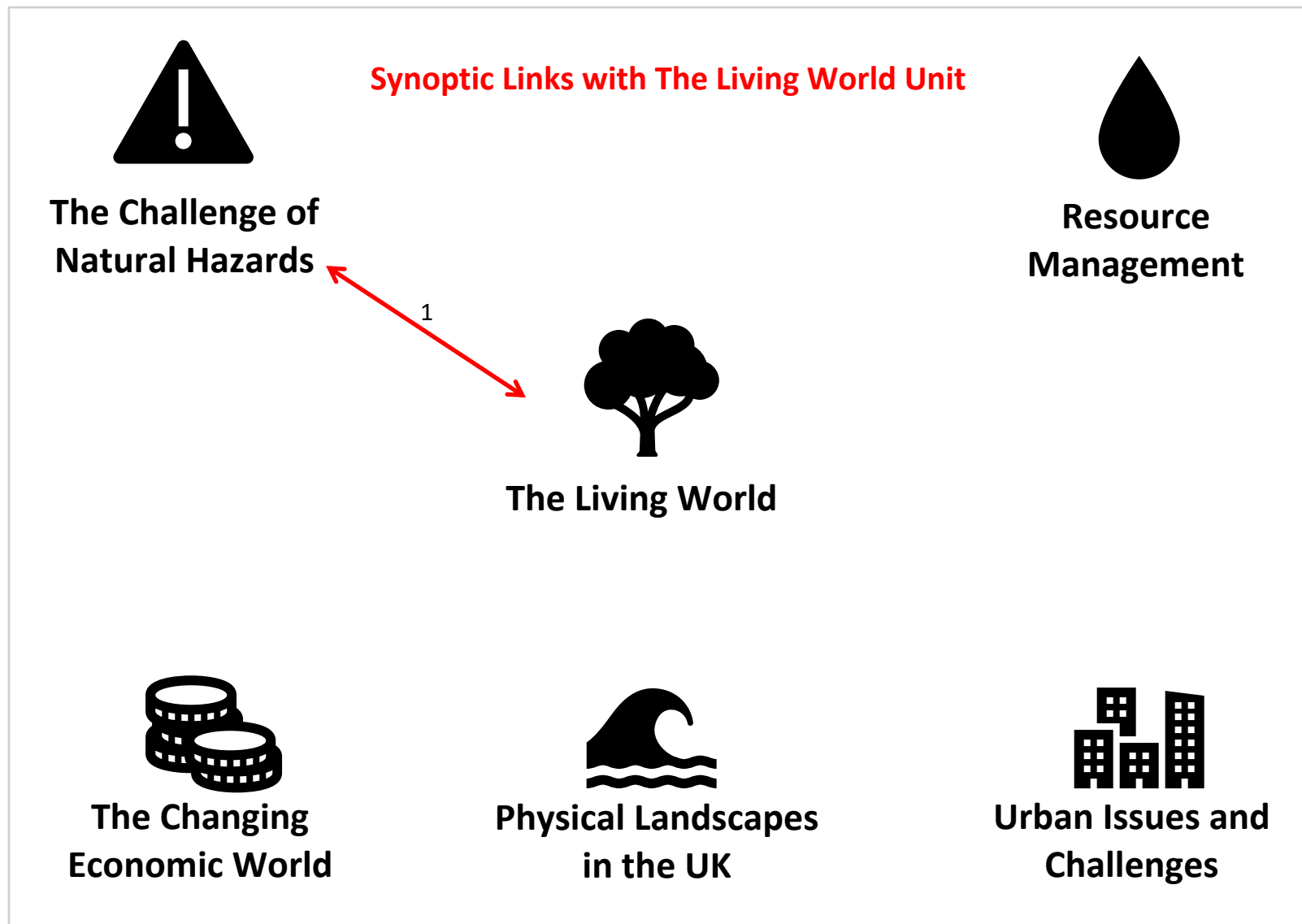


**Synoptic link 5**



**Synoptic link 3**





**Synoptic link 1**

Deforestation is the second leading cause of climate change and produces about 24% of global greenhouse gasses. By cutting down trees in the rainforest we are reducing carbon stored in vegetation and increasing levels in the atmosphere. When trees rot or burn, they increase emissions of carbon dioxide. When trees are replaced with livestock and crops, more carbon emissions are released. Taken together, these emissions account for a quarter of all emissions worldwide.

Climate change is increasing temperatures along the equator and could have a negative impact on rainfall levels. This will have a devastating impact on the rainforest and will result in a decline in biodiversity.

One-way link



Two-way link



**Multiple links**

Can you find multiple links? For example, in the example above you could then link line 1 to physical landscapes in the UK and discuss the impact of climate change on coastal flooding.

**The Challenge of Natural Hazards**

- Natural hazards
- Tectonic hazards (causes, effects and management)
- Weather hazards (causes, effects and management)
- Climate change (causes, effects and management)



**Resource Management**

- Global distribution of food, energy and water and UK resources
- Food: supply and demand, increasing supply and sustainability
- Water: supply and demand, increasing supply and sustainability
- Energy: supply and demand, increasing supply and sustainability



**Urban Issues and challenges**

- Urban growth across the world and NEE/LIC case study
- Urban growth and regeneration in the UK
- Urban sustainability



**Physical Landscapes in the UK**

- UK Physical landscapes
- Coastal landscapes (processes, landforms and management)
- River landscapes (processes, landforms and management)
- Glacial landscapes (processes, landforms and land use)



**The Changing Economic World**

- Economic development (measuring and uneven development)
- Strategies for reducing the development gap
- Case study in a NEE/LIC
- Changing UK economy



**The Living World**

- Ecosystems
- Tropical rainforest (characteristics, deforestation & management)
- Hot deserts (characteristics, case study & management)
- Cold environments (characteristics, case study & management)

