**Primary Activities ⮊ You should be able to:**

* Identify and explain the difference between **Primary**, **Secondary** and **Tertiary** activities, giving examples.
* Explain the terms *renewable* and non-*renewable* resources with examples.
* Discuss the **water cycle** with the aid of a diagram.
* Explain the *importance* (uses) of water.
* Describe how water is *treated* using examples (Case study Page 278).
* Describe how water is *used* and also *abused*.
* Discuss how Saudi Arabia has developed due to Oil.
* Discuss how companies locate and extract oil in Irish waters.
* Discuss the objections to oil and gas companies in Ireland and the problems that oil and gas can cause.
* Describe how peat extraction (removal) has changed over the years due to technology.
* Identify *positives* and *negatives* to cutting away all our peat.
* State what **over-fishing** is
* Identify why over-fishing takes place (technology) and how it could be prevented.
* Discuss farming as a **system** with *inputs*, *processes* and *outputs* (give examples).

**Key Words**

**Primary Economic Activities Key Words**

|  |  |  |  |
| --- | --- | --- | --- |
| Primary | Secondary | Tertiary | Developed Country= More tertiary |
| Natural Resources | Manufacturing | Services | Underdeveloped Country= More agriculture |

**Water: A Natural Resource**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Natural Resource | Renewable resource | Nonrenewable resource | Evaporation | Condensation |
| Precipitation | Run Off/ Soakage | Transpiration | Irrigation | Reservoir |
| Drainage Basin | Catchment Area | Pollaphuaca Lake | River Liffey | Ballymore Eustace |
| H.E.P | Saggart Reservoir | Treated | Filtration | Sedimentation |
| Chlorine | Use- Farming | Use- Domestic | Use- Manufacturing | Abuse- Sewage |
| Abuse- Oil | Abuse- Landfill | Conservation |  |  |

**Oil and Gas- Non Renewable Resources**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Renewable | Non- Renewable | Finite | North/south divide | Fossil fuels |
| Oil+ Cheap | Oil+ Transport | Oil+ plentiful | Oil+ Energy | Oil-pollution |
| Oil-Finite | Saudi Arabia | Poor-Rich | Monarchy | Diversify |
| Gas- Kinsale | Continental Shelf | Corrib Gas field  (Debate) | Multinational companies | License to explore offshore blocks |
| Gas+ Taxes | Gas+ Jobs | Gas+ Less imports | Gas- Global warming | Gas- Disputes |
| Gas- Leaks/Spills | Gas- Ugly rigs | Gas-Ruin landscape |  |  |

**Ireland’s Bogs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Peat/ Turf | Raised bog-8m | Blanket bog- 1.5m | Bord na Mone | 95% water |
| Extractive | Decayed vegetation | Ditchers-drain | Graders- level | Tractors |
| Train tracks | Millers- Scrape | Harrow- Turns | Ridgers-lines | Harvesters-gather |
| Slean-cut | Footed- Stacked | Processed Peat | Milled peat-ESB | Briquettes |
| Moss Peat | Sod peat | Cut Away Bogs (CAB) | CAB-Coniferous Trees | CAB-Swamp wetland habitats |
| CAB- Wind farms | CAB- Wildlife conservation |  |  |  |

**Over Fishing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fish renewable | Continental Shelf | Rich Plankton | Cod | Higher population |
| Trawlers (factory ships) | ice | Large nets | winches | Sonar, radar |
| Fish=animal feed | Prevention (P) | P= Quota | P= Coastguard | P= Fishing net |
| P= Fish farms | P= Survey | P= Stop illegal fishing | P= Sustainable | P= Irish Conservation Box |

**Farming as a system**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| System | Inputs | Processes | Outputs | Mixed farm |
| Pastoral | Arable | Climate | Soil | Slope |
| Markets | Capital |  |  |  |