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| **Research Methods** |
| Investigating planning and sampling techniques |  |  |  |  |  |
| Investigating populations |  |  |  |  |  |
| **Living Environment** |
| Conservation of biodiversity |  |  |  |  |  |
| Method of conserving biodiversity |  |  |  |  |  |
| Habitat conservation and specific habitats |  |  |  |  |  |
| Life processes in the biosphere – adaptation to the environment & ecological terminology |  |  |  |  |  |
| Changes to ecosystems and ecological diversity |  |  |  |  |  |
| Population dynamics |  |  |  |  |  |
| **Resources from the Earth’s Crust** |
| Mineral resources |  |  |  |  |  |
| Mineral exploitation  |  |  |  |  |  |
| Properties of pollutants |  |  |  |  |  |
| AMD & Heavy metal pollution |  |  |  |  |  |
| Solid waste pollution |  |  |  |  |  |
| Noise pollution |  |  |  |  |  |
| **The Evolving Atmosphere** |
| Conditions for life on Earth |  |  |  |  |  |
| Atmosphere– composition and energy processes in the atmosphere |  |  |  |  |  |
| Global climate change |  |  |  |  |  |
| Ozone depletion  |  |  |  |  |  |
| Energy - Importance & features of energy resources – fossil fuels |  |  |  |  |  |
| Energy resources now and in the future – fossil fuels |  |  |  |  |  |
| Atmospheric pollution – acid precipitation and control |  |  |  |  |  |
| Smoke pollution and its control |  |  |  |  |  |
| Photochemical smog and its control |  |  |  |  |  |
| **Aquatic Resources and Nutrients** |
| Biogeochemical cycles |  |  |  |  |  |

**Revision Checklist - Year 1 Topics**