**C4 The Earth**

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| **Keyword** | **Meaning**  |
| Acid Rain | Rain that contains dissolved gases |
| Atmosphere | The layers of gases that surround the Earth – the three main ones are nitrogen, carbon dioxide and oxygen |
| Carbon Cycle | Shows the stores of carbon and summarises how carbon enters and leaves the stores |
| Climate Change | A long-term change in weather patterns |
| Core | The innermost part of the Earth |
| Crust | The outer layer of the Earth on top of the mantle |
| Global Warming | The rise in the average temperature of the Earth’s surface |
| Greenhouse Effect | The retention of heat in the atmosphere caused by the build-up of greenhouse gases |
| Igneous | Rocks that are formed under very hot conditions within the Earth |
| Mantle | A zone of hot rock between the crust and core. It has the properties of a solid but can flow very slowly. |
| Metamorphic | Rock that is formed under intense heat or pressure |
| Porous | Allows water to pass through it |
| Recycling | Collecting and processing materials that have been used to make new objects |
| Rock Cycle | All the processes involved in creating, changing and destroying rocks |
| Sedimentary | Rocks formed through deposition of sediments |
| Sediments | Small fragments of rock and soil that form layers |
| Sustainable | An activity which does not consume or destroy resources or the environment |
| Troposphere | The part of the atmosphere near the Earth |
| Uplift | Happens when huge forces from inside the Earth pushes rock upwards |