

Alder Coppice Primary School — Knowledge Organiser

Subject: Geography

Year: 3

Unit 3: Energy

What I Should Already Know:

- Know about some natural resources found in the UK
- Every pupil comes from a home which is powered by electricity, maybe gas or coal or even solar energy.
- Recognise how the cost of powering our homes has increased of late
- How we depend on power

What I should know by the end of the Unit:

- Know about some of the human features related to the UK, e.g., industry and environment
- Know how important electricity is for homes and industry
- Know what is meant by fossil fuel
- Know why it is important to consider alternative energy and more environmentally friendly sources of energy
- Know countries have natural energy resources
- Know about the importance of power in our lives



Unit Specific Vocabulary:

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| solar energy | Energy that comes from the Sun |
| conservation | Prevention of wasteful use of a resource |
| fossil fuel | Formed in the geological past from the remains of living organisms |
| renewable energy | Energy from a source that is not depleted when used, such as wind or solar power |
| nuclear | Powered by the energy released in nuclear fusion |
| wind turbine | Energy powered by wind is collected through wind turbines |

Renewable Energy Sources: Water, Solar Power, Wind and Geothermal Energy

