Energy

Imaginative Learning Project for Upper KS2 Children



SUBJECT COVERAGE: Energy	
ILP Focus Subject	Science
ILP Writing Genre	Letters & Explanations
D&T	Materials
Geography	Power Sources & Locations
History	Significant Inventions
ICT	Research & Storing Information
Maths	Handling Data
PE	Dance
PSHE & C	Topical Issues
Science	Sustainable Earth & How Things Work

ILP Overview

This project has a science focus and teaches children about different types and sources of energy and the social, environmental and economic impact of these. At the heart of this project children write letters to communicate with a range of fictional and real organisations and develop additional skills in writing explanations and making scientific recordings.

In the Innovate Stage children apply their skills and understanding by creating a micro wind farm in the school grounds.

In this project the children will learn:

- About different sources of energy;
- How these work and what forces they use;
- About the uses of different power and energy sources in our everyday lives;
- About the impact of energy sources on humans, economy and the environment;
- About the generation of Energy from Wales;
- How to carry out fair tests;
- How to make a range of models to generate energy;
- How to record and draw inferences from data;
- How to write letters in a formal style.