

Introduction to Unit

This unit centres on the Clayton household where Roger, Debbie Clayton's nephew, is wasting energy without a thought for who pays. Children will explore how energy is used in the home and discover simple strategies to conserve energy.

Children will plan individual actions to reduce energy waste around the home and the school environment and work collectively to create an energy-saving action plan for the class or whole school.

Baseline and Assessment

Conduct the quiz as a baseline for unit, using the activity to identify gaps in the children's knowledge and understanding and to set the agenda for learning. Record scores for children on score sheet (this is in the teachers area).

Repeat the quiz as a follow up for unit - record follow up scores for children on score sheet to evaluate their improvement over the unit.

Lesson Overview for this Unit

Lesson 1: Costing the Earth

Exploring energy saving, this activity flows from the story book Fair Days Pay.

It can also be done as a stand-alone activity to explore the cost of energy in the home. A Saving

Energy Factsheet is provided for use in the classroom and at home.

Using the click and pop-up pictures, children explore the ways in which they can contribute to saving energy around the home (and even at school). Each pop-up offers advice on how they can make small changes that all add up to a big saving.

This is a must for all budding eco-warriors.

Lesson 2: I pledge

Children will consider individual actions they can take to reduce energy waste around the home and the school environment. Children will work collectively to create an energy saving action plan for the class or whole school.

Numeracy and Literacy extensions are included

Lesson 3: Costing the Earth Boardgame

Using a simple boardgame, children explore the concepts contained in the click-on activity through a different format. You will need to print out, cut up and prepare the game elements and you will also need dice.

Working Together: Activities to Explore at Home

We suggest that the children revisit the Costing the Earth click-on activity and boardgame at home with their family if this is practical and appropriate. Alternatively the downloadable storybook.

Paper version of the activity included. This will familiarise the family with the unit and it's content and promote discussion on the issues raised.

Saving Energy Factsheets to take home.

Storybook (pdf version) to take home.

I Pledge plan taken home to add family contribution (see "I Pledge" lesson plan).

