



# LESSON 1 OUTLINE

## Lesson 1 Costing the Earth

You will need:

1. Costing the Earth interactive activity accessible from the Exploring Pride Place page or the Activities page menu.

If you are working with KS2 you may wish to precede this activity with the story activity 'A Fair Days Pay' as this also references the Debbie Clayton household and her wasteful nephew Roger.

KS1 and 2 will both be able to use the Costing the Earth Activity

## Lesson Outcomes

Children know some of the ways in which they can contribute to saving energy around the home.

## The Activity

- Using the online or downloaded activity children work in small groups, or as a whole class, using their mouse or interactive board to find pop-up information hidden in the pictures of the kitchen and living room in Debbie, Ali and Roger's house.
- When exploring the webpage, the cursor will change from an arrow to a pointing finger when you are hovering over a 'hotspot'. Clicking will trigger the pop-up.
- The activity represents the research phase of the pledges they will make in Lesson 2 | Pledge.

## Working Together: Activities to Explore at Home

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

This will familiarise the family with the unit and its content and promote discussion on the issues raised.



## Lesson 2 I Pledge

You will need:

- **RESOURCE 2.1**  
I Pledge sheets – one per child
- **RESOURCES 2.2 – 2.3**  
Saving Energy Factsheets  
– enough per group/child
- Costing the Earth Interactive click-on activity (you will need computers for this or it can be done as a class using a whiteboard)

## Lesson Outcomes

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.

## The Activity

- Using the Costing the Earth interactive click-on scenes of Debbie Clayton's house explore the kitchen and living room with the whole class.
- Explain/revisit each energy saving opportunity to ensure the children understand each item's value.
- Review what has been discussed using the Saving Energy Factsheets.
- Hand out the I Pledge activity sheet and explain what a pledge is.
- Ask the children to work in small groups or pairs to discuss the suggestions on the sheet and tick which ones they pledge they will be able to do in their own home.
- Ask them to add to the list their own energy saving ideas.
- Encourage each child / pair / group to share their ideas with the whole class and add any new ideas to their own pledge sheet.
- In addition produce an energy saving pledge list for the school and display it in the classroom or the school notice board to encourage a whole school approach. Maybe present it as an assembly and encourage other classes to pledge too. *(This activity can make useful links with the school council.)*

## Extend: Numeracy

- Children present information from complete pledge sheets as bar graphs or pictograms.
- They gather information from a group of pledge sheets and construct a bar chart or pictogram where the symbol represents a group of units.

## Extend: Literacy

- Write to the school governors to persuade the school to implement new 'green' measures e.g.: recycling bins.

## Working Together: Activities to Explore at Home

Ask the children to take their I Pledge sheet and the Saving Energy Factsheets home and discuss with their family. Encourage them to consult family members and ask them to add any new ideas and help them to keep a record of how well they do by scoring in the score box provided.

After an agreed period, for example 1 week, ask the children to bring their completed pledge sheets back to school. Discuss the outcomes with the children. How well did they do? Did family members help? Did it change the way the child or family thinks about saving energy at home?



## Lesson 3 Costing the Earth Board Game

You will need:

- **RESOURCE 3.1**  
Costing the Earth Board Game pre-prepared
- **RESOURCES 3.2 - 3.4**  
You will need to print out the base board A3 and print the cards onto A3 card and cut out into the 3 decks
- You may wish to laminate the game components so they can be re-used
- Dice - one per game
- Counters or coins - 1 per player
- Red / green / yellow paper and marker pens (if making a giant game version)\*

## Lesson Outcomes

Children explore how energy can be wasted and understand the ways in which they can contribute to saving energy around the home.

## The Activity

- Children can work in a number of small groups (you will need to prepare multiple games for this option) or use one single game and children work in teams (acting collectively as a single player).
- They take turns to throw the dice and move around the board. Depending on the colour of the square where they land, take an 'Eco Warrior' or 'Eco Horror' card and follow the instructions after reading it out loud to the group.
- There are also a number of 'Energiser' cards with actions/tasks that can be completed by the individual player or the whole group.
- \*Alternatively you can prepare a large scale 'board' on the floor using green, yellow and red paper squares to replicate the A3 board. In this case the children stand on the paper numbers and move themselves around the 'board'. This is recommended in summer as it can be played outside or in the hall.
- The winner is the first player or team to reach the final target at the end of the trail.

## Working Together: Activities to Explore at Home

Children signpost the game to their family and encourage them to download and make the game to play it at home if it is appropriate. Alternatively children can make up a game to take home.

This will familiarise the family with the unit and its content and promote discussion on the issues raised.