



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.

COSTING THE EARTH BOARD GAME



✗ Eco Horror

You fill the kettle too full

Back 1 space

✗ Eco Horror

You leave the hall light on

Miss a turn

✗ Eco Horror

You have a very deep bath

Back 2 spaces

✗ Eco Horror

You turn the heating up really hot and sit in a tee shirt

Back 2 spaces

✗ Eco Horror

You dry clothes in the tumble dryer on a sunny day

Miss a turn

✗ Eco Horror

You leave the fridge door open

Back 1 space

✗ Eco Horror

You leave your computer on when you are not using it

Back 2 spaces

✗ Eco Horror

You leave the TV on standby overnight

Back 1 space

✗ Eco Horror

You leave the back door open in winter

Back 2 spaces

✗ Eco Horror

You leave the games console on standby overnight

Miss a turn

✗ Eco Horror

You put the dishwasher on to wash one plate

Back 1 space

✗ Eco Horror

You leave the hot tap dripping

Back 1 space



Energiser

Jump up and down to get warm



Energiser

Squeeze all your muscles as tight as you can



Energiser

Run around in a circle



Energiser

Do 'the twist' (fast dance)



Energiser

Count from 1 to 30 as fast as you can



Energiser

Do an impression of a happy dog with a waggy tail



Energiser

Name 5 things that use electricity



Energiser

Name 5 items of clothing that can keep you warm

ECO WARRIOR CARDS

✓ **Eco Warrior**

You only fill the kettle enough for the drink you are making

Forward 2 spaces

✓ **Eco Warrior**

You switch off your bedroom light when you go downstairs

Extra turn

✓ **Eco Warrior**

You have a really fast shower

Forward 3 spaces

✓ **Eco Warrior**

You are cold so you put on a jumper to keep warm

Forward 2 spaces

✓ **Eco Warrior**

You dry your clothes on the washing line

Extra Turn

✓ **Eco Warrior**

You help defrost the fridge freezer

Forward 2 spaces

✓ **Eco Warrior**

You replace your old light bulbs with energy saving bulbs

Forward 3 spaces

✓ **Eco Warrior**

You switch off TV at the plug when you go to bed

Forward 2 spaces

✓ **Eco Warrior**

You block the draft coming in under the back door

Forward 3 spaces

✓ **Eco Warrior**

You switch off games console at the plug when you go to bed

Forward 2 spaces

✓ **Eco Warrior**

You walk to school instead of going in the car

Extra turn

✓ **Eco Warrior**

You turn the heating down a little bit

Forward 3 spaces and extra turn