

## Session 4: Lesson Plan

**Subject:** Special Energy Investigators

**Objectives:**

Students should:

- Discover **energy savings** that could be made at school
- Help write an **action plan** for how to make those savings

**Starter:**

Activity 21 - Energy saving race

10 mins

Take turns to write down energy saving ideas in a team while there is fast music playing. Find out which team has the most and recap on them from session 3.

**Main Session:**

Activity 22 - Special energy investigators

1 hour

Students investigate the school to audit its energy efficiency.

Five case worksheets completed in groups.

Complete and present a summary sheet of findings to the rest of the class.

**Plenary:**

Activity 23 – Action plan

30 mins

State Aim – School to save 10% of its energy and waste over a year.

Use top tip worksheets to get ideas for Action plan decide on its format and how it will be used.

**Homework:**

Activity 24 – Lighting survey

Fill in the worksheet to discover how much money could be saved if all lights bulbs at home were low energy bulbs.