



# Eco Club Programme

## Energy Sparks

### Year 1

#### Autumn

- Introduce an energy efficiency reward system
- Learn about where energy comes from and its impact on the environment
- Carry out a spot check to see if lights or electrical items are left on after school
- Run an assembly about saving energy
- Label lights and appliances to show which should be left on or turned off

#### Winter

- Understand how our carbon emissions and the Greenhouse Effect cause global warming
- Measure classroom temperatures
- Turn the school heating down by 1°C
- Pupils meet with the caretaker or site manager to discuss their role in saving energy

#### Summer

- Run a whole school lights switch off competition
- Use appliance monitors to understand the energy use of individual appliances
- Learn about appliances that use energy at home and school
- Pupils meet with the office staff to discuss their role in saving energy
- Plan and run a campaign to switch off lights and use natural light on sunny days

### Year 2

#### Autumn

- Review the Energy Sparks energy usage charts for your school
- Run a campaign to switch off electrical equipment overnight
- Create an energy saving display
- Carry out a spot check to see if lights or electrical items are left on after school
- Appoint pupil energy monitors in all classes

#### Winter

- Teachers discuss energy efficiency in a staff meeting
- Investigate whether school's heating/ hot water is switched off during school holidays
- Monitor whether outside doors and windows are closed during cold weather
- Making sense of our school's carbon footprint
- Pupils meet the Business Manager to discuss the school's energy usage and bills
- Run a campaign to close doors and windows when the heating is on

#### Summer

- Pupils meet with kitchen staff to discuss their role in saving energy
- Investigate how much energy families use at home
- Solar thermal heating, solar furnaces and solar ovens
- Run a themed event focused on energy use
- Share the energy saving message with parents and the local community

Don't forget to record your activities!