

ASc9 – Practical actions to protect the environment



Skill - Working with others to protect the environment

- Identifying individual **roles and responsibilities**.



- Ensuring clear **communication** throughout the activity.

- Knowing **appropriate behaviours** for different situations.

- Working through problems and agreeing solutions **together**.

- Importance of **respecting others** who are working with you.

- Solving** issues in teams.



Practical actions to protect the environment

- Less **energy**, e.g. turning lights and electrical appliances off when not in use, walking or using public transport
- using only the water needed while brushing teeth or boiling the kettle, installing water butts for watering plants or cleaning cars and washing windows

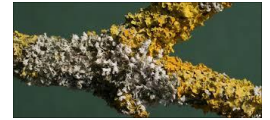


- Reducing** packaging where possible to reduce transport costs and the need for landfill.
- Reusing **non-biodegradable** products where possible, e.g. carrier bags, finding alternative uses for products that would otherwise be thrown away (upcycling).
- Recycling**, e.g. paper, metal, plastics, food
- Promoting **biodiversity**: planting for bees, butterflies and birds or putting up bird boxes and other homes for wildlife.
- Using locally-sourced food and materials to reduce transport costs and fuel use



Key environmental issues, concerns and scientific impacts of human activity

- How **human activities** can cause negative scientific impacts on the environment, including, where appropriate, how these can be measured.



- Air pollution caused by burning fuels for energy, heating or transport and the impact, e.g. **global warming**, chemical pollution.

- Land and waterway **pollution**, e.g. litter and chemicals and the impact, to include changes to biodiversity.

- Burdens on infrastructure and resources caused by **overpopulation** and the impact, e.g. increased road use and CO2 emissions due to need for imported food.



- Deforestation**, land cultivation, use of **pesticides** and fertilisers and the impact, e.g. extinction, loss of habitat and biodiversity.

