

Home Economics

Pupils study packaging, recycling, shopping with ethics, organic food, food miles and GM foods.

Music

Pupils recycle materials to make percussion instruments, learn that downloading music is more eco-friendly than buying CDs and explore examples of African cultures making their own instruments.

Religious Education

Pupils use a resource called 'Whose Responsibility?', which explores stewardship of the earth considering Christian, Native American and Buddhist responses. At GCSE these themes are consolidated by further looking at poverty and wealth, care of the earth and environmental problems.

Science

Pupils learn about the variety of habitats around them using a range of measuring techniques to develop a thorough understanding of the balance of nature. They explore Fossil Fuel usage and its impact, completing project work on a range of alternative energy sources. They also look at various types of pollution, including how pesticides can enter the food chain and lead to eutrophication.

At GCSE, these themes are consolidated and extended further by looking at:

- Energy impact and examples of recycling techniques.
- Alternative fuels for transport – hydrogen cells and biodiesel.
- The use of superconductors as a future energy efficient alternative.
- The environmental impact of keeping electrical devices on standby.
- The Greenhouse Effect – its cause and impact.

Further consolidation at A Level occurs through Applied Science. Students complete an analysis of an energy policy, plus explore energy consumption and potential strategies to help a non-domestic energy user save energy.

Geography

Pupils study:

- The water cycle and how it is affected by human interference.
- Industrial pollution in Japan.
- Recycling.
- Types of energy - and their effects - including wind energy debate.
- Urban pollution and how it can be prevented.
- Development inequalities.
- River pollution.
- The transmission and impact of HIV/Aids.
- Economic, social and environmental impacts of tourism.

At GCSE these themes are consolidated and extended further by looking at:

- The Greenhouse Effect – cause and impact.
- River pollution - causes and effects.
- Rising sea level.
- Urban inequalities related to development.
- Coastal pollution.
- Population explosion.

Travel and Tourism

GCSE pupils study:

- Types of transportation and their environmental impact.
- Economic, social and environmental impacts of tourism.

By A Level these themes are consolidated and extended further to include:

- Impacts of current issues upon the tourism industry.
- Tourism as global phenomena.