

What a waste!

Education in Chemistry

September 2018

rsc.li/2OQ4sjD

Relevant to your syllabus

The teaching ideas that accompany the above article 'What a waste!' are relevant to the syllabuses and specifications listed below.

England

- **Key stage 3 science, national curriculum: [Materials: properties of ceramics, polymers and composites \(qualitative\)](#)**
- AQA GCSE chemistry: [4.10.2 Life cycle assessment and recycling](#)
- AQA synergy: [4.4.2.7 Positive human impacts on ecosystems](#)
- AQA trilogy: [5.10.2.2 Ways of reducing the use of resources](#)
- Edexcel GCSE chemistry: [9.24C Explain the advantages and disadvantages of recycling polymers](#)
- Edexcel combined science: [4.10 Evaluate the advantages of recycling materials](#)
- OCR gateway chemistry: [C6.1n Evaluate factors that affect decisions on recycling](#)
- OCR 21st century chemistry B: [C4.5 What happens to products at the end of their useful life?](#)

International

- Cambridge iGCSE chemistry (2019): [14.8.2 Synthetic polymers](#)

Scotland

- **Curriculum for excellence benchmarks: [Chemical changes, SCN 4-18a](#)**

Republic of Ireland

- **Junior cycle specification: [Strand three: Chemical world, sustainability](#)**

Northern Ireland

- **Key stage 3 science, statutory requirements: [Investigate effects of pollution ... and specific measures to improve and protect the environment](#)**
- CCEA single award: [4.36 evaluate the problems with the disposal of plastics](#)

Wales

- **Key stage 3 science, national curriculum: [the properties of sustainable materials](#)**
- WJEC chemistry: [2.5 \(r\) the environmental issues relating to the disposal of plastics](#)
- WJEC double award: [1.3.2 \(s\) persistence of plastics in the environment](#)
- WJEC single award: [1.2.2 \(s\) the persistence of plastics in the environment](#)