

## Relevant to your syllabus

### *Education in Chemistry*

May 2018

[rsc.li/EiC318-airpollution](http://rsc.li/EiC318-airpollution)

The teaching ideas that accompany the above article 'Taking care of the air' are relevant to the syllabuses and specifications listed below.

#### England

- AQA chemistry ([4.2.4 Bulk and surface properties of matter including nanoparticles](#); [4.7.1.3 Properties of hydrocarbons](#); [4.9.3 Common atmospheric pollutants and their sources](#))
- AQA synergy ([4.4.1.6 Pollutants that affect air quality](#); [4.8.1.3 Fractional distillation of crude oil \(WS 1.2 write balanced equations for the complete combustion of hydrocarbons with a given formula\)](#))
- AQA trilogy ([4.7.3.2 Waste management](#); [5.7.1.3 Properties of hydrocarbons](#); [5.9.3 Common atmospheric pollutants and their sources](#))
- Edexcel chemistry ([Topic 8 – Fuels and earth science](#); [Core practical 9.28C – Investigate the temperature rise produced in a known mass of water](#);
- Edexcel combined science ([Topic 8 – Fuels and earth science](#))
- OCR 21<sup>st</sup> century chemistry B ([C1.1 How has the Earth's atmosphere changed over time, and why?](#))

#### International

- iGCSE ([11.2 Air](#))

#### Northern Ireland

- CCEA chemistry ([2.5 Organic chemistry](#))
- CCEA double ([2.5 Organic chemistry](#))
- CCEA single ([2.10 Organic chemistry](#); [2.10.8 Atmospheric pollution](#))

#### Republic of Ireland

- Leaving certificate ([1B.4 Atmospheric pollution](#))

#### Scotland

- SQA National 5 chemistry ([2c Energy from fuels](#))

#### Wales

- WJEC chemistry ([2.5e,f,g Crude oil, fuels and organic chemistry](#))
- WJEC double ([2.3.1p Factors affecting human health](#))
- WJEC single ([2.1.1.p Factors affecting human health](#))