# 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](http://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF#page=31); [4.7.1.3 Properties of hydrocarbons](http://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF#page=56); [4.9.3 Common atmospheric pollutants and their sources](http://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF#page=72))
* AQA synergy ([4.4.1.6 Pollutants that affect air quality](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8465-SP-2016.PDF#page=62); [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)](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8465-SP-2016.PDF#page=123))
* AQA trilogy ([4.7.3.2 Waste management](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF#page=60); [5.7.1.3 Properties of hydrocarbons](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF#page=100); [5.9.3 Common atmospheric pollutants and their sources](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF#page=108))
* Edexcel chemistry ([Topic 8 – Fuels and earth science](https://qualifications.pearson.com/content/dam/pdf/GCSE/Science/2016/Specification/GCSE_Chemistry_Spec.pdf#page=36); [Core practical 9.28C – Investigate the temperature rise produced in a known mass of water](https://qualifications.pearson.com/content/dam/pdf/GCSE/Science/2016/Specification/GCSE_Chemistry_Spec.pdf#page=8);
* Edexcel combined science ([Topic 8 – Fuels and earth science](https://qualifications.pearson.com/content/dam/pdf/GCSE/Science/2016/Specification/GCSE_CombinedScience_Spec.pdf#page=54))
* OCR 21st century chemistry B ([C1.1 How has the Earth’s atmosphere changed over time, and why?](http://www.ocr.org.uk/Images/234599-specification-accredited-gcse-twenty-first-century-science-suite-chemistry-b-j258.pdf#page=17))

International

* iGCSE ([11.2 Air](http://www.cambridgeinternational.org/images/167037-2016-2018-syllabus.pdf#page=28))

Northern Ireland

* CCEA chemistry ([2.5 Organic chemistry](http://ccea.org.uk/chemistry/))
* CCEA double ([2.5 Organic chemistry](http://www.rewardinglearning.org.uk/microsites/general_science/revised_da_gcse/index.asp))
* CCEA single ([2.10 Organic chemistry](http://ccea.org.uk/general_science/); [2.10.8 Atmospheric pollution](http://ccea.org.uk/general_science/))

Republic of Ireland

* Leaving certificate ([1B.4 Atmospheric pollution](http://curriculumonline.ie/getmedia/7bdd3def-f492-432f-886f-35fc56bd3544/SCSEC09_Chemistry_syllabus_Eng.pdf#page=34))

Scotland

* SQA National 5 chemistry ([2c Energy from fuels](https://www.sqa.org.uk/files_ccc/ChemistryCourseSpecN5.pdf#page=58))

Wales

* WJEC chemistry ([2.5e,f,g Crude oil, fuels and organic chemistry](http://www.wjec.co.uk/qualifications/science/gcse/chemistry-gcse-2016/wjec-gcse-chemistry-spec-from-2016.pdf?language_id=1#page=27))
* WJEC double ([2.3.1p Factors affecting human health](http://www.wjec.co.uk/qualifications/science/gcse/applied-science-double-gcse-2016/wjec-gcse-applied-science-double-spec-from-2016.pdf?language_id=1#page=39))
* WJEC single ([2.1.1.p Factors affecting human health](http://www.wjec.co.uk/qualifications/science/gcse/applied-science-single-gcse-2016/wjec-gcse-applied-science-single-spec-from-2016.pdf?language_id=1#page=34))