Relevant to your syllabus

***Education in Chemistry***November 2017[rsc.li/EiC617-catalysts-get-helping-hands](http://rsc.li/EiC617-catalysts-get-helping-hands)

The teaching ideas that accompany the above article ‘Catalysts get helping hands’ are relevant to the syllabuses and specifications listed below:

England

* AQA chemistry ([4.6.1.2 Factors which affect the rates of chemical reactions](http://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF#page=50); [4.6.1.4 Catalysts](http://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF#page=51))
* AQA synergy ([4.7.4.6 Catalysts](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8465-SP-2016.PDF#page=115))
* AQA trilogy ([5.6.1.2 Factors which affect the rates of chemical reactions](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF#page=94); [5.6.1.4 Catalysts](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF#page=95))
* Edexcel chemistry ([Topic 7, rates of reaction, 7.6, catalysts](http://qualifications.pearson.com/content/dam/pdf/GCSE/Science/2016/Specification/Edexcel_GCSE_L1-L2_Chemistry.pdf#page=34))
* Edexcel combined science ([Topic 7, rates of reaction, 7.6, catalysts](http://qualifications.pearson.com/content/dam/pdf/GCSE/Science/2016/Specification/Edexcel_GCSE_L1-L2_Combined_Science.pdf#page=52))
* OCR Gateway A Chemistry ([5.2f Controlling reactions](http://www.ocr.org.uk/Images/234598-specification-accredited-gcse-gateway-science-suite-chemistry-a-j248.pdf#page=46))
* OCR 21st Century B Chemistry ([6.2 How do chemists control the rate of reactions](http://www.ocr.org.uk/Images/234599-specification-accredited-gcse-twenty-first-century-science-suite-chemistry-b-j258.pdf#page=55); [6.3 What factors affect the yield of chemical reactions?)](http://www.ocr.org.uk/Images/234599-specification-accredited-gcse-twenty-first-century-science-suite-chemistry-b-j258.pdf#page=58)

International

* IB (6.1 Collision theory and rates of reaction; 16.1 Rate expression and reaction mechanism; A.3 Catalysts)
* Cambridge iGCSE (0620 [7.2 Rate (speed) of reaction](http://www.cambridgeinternational.org/images/167037-2016-2018-syllabus.pdf#page=22))

Northern Ireland

* CCEA chemistry ([Unit 2.3.5, rates of reaction, page 28](http://www.rewardinglearning.org.uk/common/includes/microsite_doc_link.aspx?docid=20998-1); [unit 7.1, cross-curricular skills (communication) page 50](http://www.rewardinglearning.org.uk/common/includes/microsite_doc_link.aspx?docid=20998-1))
* CCEA Double ([Unit 2.3, rates of reaction](http://www.rewardinglearning.org.uk/common/includes/microsite_doc_link.aspx?docid=21087-1#page=59), page 57)
* CCEA Single ([Unit 2.9, rates of reaction](http://www.rewardinglearning.org.uk/common/includes/microsite_doc_link.aspx?docid=21065-1), page 28)

Republic of Ireland

* Leaving certificate ([6.2 Factors affecting rates of reaction](http://curriculumonline.ie/getmedia/7bdd3def-f492-432f-886f-35fc56bd3544/SCSEC09_Chemistry_syllabus_Eng.pdf#page=22))

Scotland

* SQA Nat 4 and 5 Chemistry ([1 Chemical change and structure](http://www.sqa.org.uk/files_ccc/ChemistryCourseSpecN5.pdf#page=35))

Wales

* WJEC Chemistry ([1.5 Rate of chemical change](http://www.wjec.co.uk/qualifications/science/gcse/chemistry-gcse-2016/wjec-gcse-chemistry-spec-from-2016.pdf?language_id=1#page=17)))
* WJEC Double ([3.4.1 Controlling chemical reactions](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=59))
* WJEC Single ([2.2.1 Controlling chemical reactions](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=42))

Will you use this article and resources with your students? What would make it more useful to you in the classroom? Let us know: [eic@rsc.org](mailto:eic@rsc.org)