# Relevant to your syllabus

***Education in Chemistry***March 2018[rsc.li/EiC218-thehuntison](http://rsc.li/EiC218-thehuntison)

**The teaching ideas that accompany the above article ‘’The hunt is on’ are relevant to the syllabuses and specifications listed below.**

England

* AQA Synergy ([4.1.2.4 Isotopes](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8465-SP-2016.PDF#page=21); [4.3.2.2 Radioactive decay](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8465-SP-2016.PDF#page=48); [4.3.2.3 Half-life](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8465-SP-2016.PDF#page=49))
* AQA Trilogy ([6.4.2.2 Nuclear equations](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF#page=135); [6.4.1.2 Nass number, atomic number and isotopes](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF#page=132); [6.4.2.3 Half-lives and the random nature of radioactive decay](http://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF#page=136))
* Edexcel combined science ([Topic 6 – radioactivity](http://qualifications.pearson.com/content/dam/pdf/GCSE/Science/2016/Specification/GCSE_CombinedScience_Spec.pdf#page=68); [Topic 1 – Atomic structure](http://qualifications.pearson.com/content/dam/pdf/GCSE/Science/2016/Specification/GCSE_CombinedScience_Spec.pdf#page=37))
* OCR Gateway A chemistry ([Atomic structure C1.2e](http://www.ocr.org.uk/Images/234598-specification-accredited-gcse-gateway-science-suite-chemistry-a-j248.pdf#page=19))
* OCR 21st Century B Chemistry ([C2.1 (7) How have our ideas about atoms developed over time](http://www.ocr.org.uk/Images/234599-specification-accredited-gcse-twenty-first-century-science-suite-chemistry-b-j258.pdf#page=22))

International

* IB ([D.8 Nuclear medicine](http://www.ibchem.com/root_pdf/Chemistry_guide_2016.pdf#page=174); [C.3 Nuclear fusion and fission](http://www.ibchem.com/root_pdf/Chemistry_guide_2016.pdf#page=154))

Northern Ireland

* CCEA Double ([1.5 Atomic and nuclear physics](http://www.rewardinglearning.org.uk/common/includes/microsite_doc_link.aspx?docid=21087-1); [1.1 Atomic structure](http://www.rewardinglearning.org.uk/common/includes/microsite_doc_link.aspx?docid=21087-1))
* CCEA Single ([3.8 Radioactivity](http://www.rewardinglearning.org.uk/common/includes/microsite_doc_link.aspx?docid=21065-2))

Republic of Ireland

* Leaving certificate ([Physics and chemistry, 5](http://curriculumonline.ie/getmedia/a3c83bc8-6b45-4076-bd09-5f25a07c5c98/SCSEC28_physicsChem_syllabus_eng.pdf#page=2))

Scotland

* SQA National 5 Chemistry ([Nuclear chemistry](https://www.sqa.org.uk/files_ccc/ChemistryCourseSpecN5.pdf#page=17))

Wales

* WJEC Double ([2.3.2.f Diagnosis and treatment](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=40); [1.3.1.b Obtaining clean water](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=23); [3.4.2.b Controlling nuclear 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=60)
* WJEC Single ([2.2.2.b Controlling nuclear 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=43); [1.2.1.b Obtaining clean water](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=18))