

Curriculum Links

Since 2012, schools in the UK have had a legal responsibility to provide independent careers guidance to all registered pupils from Year 8 (aged 12-13) to Year 13 (aged 17-18)¹.

The Royal Society of Biology's careers lesson resources have been developed to fit with the science curriculum and help teachers provide independent careers guidance to their students. Curriculum links are provided for England, Wales, Scotland and Northern Ireland.

England	Curriculum link
Key Stage 3	Ensure that all pupils are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future ² .
Key Stage 4	Ensure students have the knowledge to enable them to develop curiosity about the natural world, insight into working scientifically, and appreciation of the relevance of science to their everyday lives ³ .
Key Stage 5	<p>Encourage students to develop their interest in and enthusiasm for the subject, including developing an interest in further study and careers associated with the subject⁴.</p> <p>Encourage students to understand how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society⁴.</p>

¹ Department of Education (2015). *Careers guidance and inspiration in schools*.

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/440795/Careers_Guidance_Schools_Guidance.pdf

² Department of Education (2013). *Science programmes of study: key stage 3*.

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/335174/SECONDARY_national_curriculum_-_Science_220714.pdf

³ Department of Education (2014). *Science programmes of study: key stage 4*.

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/381380/Science_KS4_PoS_7_November_2014.pdf

⁴ Department of Education (2014). *GCE AS and A level subject content for biology, chemistry, physics and psychology*.

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/446829/A_level_science_subject_content.pdf

Wales	Curriculum link
<p><i>Key Stages</i> 3 – 5</p>	<p>Learners aged 11–19 should be given opportunities to develop their awareness of careers and the world of work and how their studies contribute to their readiness for a working life. For 14–19 learners, this is a part of their Learning Core entitlement and is a requirement at Key Stage 4⁵.</p> <p>Science contributes to careers and the world of work by enabling learners to study a range of applications of science, medicine and technology in their everyday life and in the wider world. This gives learners insight into how scientists work and also develops experimental and generic skills needed for the world of work⁵.</p>
Scotland	Curriculum link
<p>S1 – S6</p>	<p>Science is an important part of our heritage and we use its applications every day in our lives at work, at leisure and in the home⁶.</p> <p>Children and young people participating in the experiences and outcomes in the sciences will establish the foundation for more advanced learning and, for some, future careers in the sciences and the technologies⁶.</p>
Northern Ireland	Curriculum link
<p><i>Key Stage 3</i></p>	<p>Pupils should have opportunities to identify how skills developed through science will be useful to a wide range of careers⁷.</p>

⁵ Welsh Assembly Government (2008). *Science in the National Curriculum of Wales*.

<http://learning.gov.wales/docs/learningwales/publications/140624-science-in-the-national-curriculum-en.pdf>

⁶ Education Scotland (2015) *Curriculum for Excellence: Sciences, Principles and Practice*.

http://www.educationscotland.gov.uk/Images/sciences_principles_practice_tcm4-540396.pdf

⁷ Council for the Curriculum, Examinations and Assessment (2014). *Statutory Requirements for Science*.

http://ccea.org.uk/sites/default/files/docs/curriculum/area_of_learning/science_technology/ks3_science.pdf