

## Careers in Science

<u>Subject</u>	<u>Description</u>	<u>Link</u>
Biology	<p>Animal Adaptions is a collection of practical STEM subject activities linked to employability skills.</p> <p>Pupils look at how animals have adapted to cope with all sorts of conditions. They explore communication strategies, travel, camouflage and life in challenging settings, and look at the way humans can learn from animals.</p>	<a href="https://resources.careersandenterprise.co.uk/resource/s/animal-adaptations-stem-subject-activities">https://resources.careersandenterprise.co.uk/resource/s/animal-adaptations-stem-subject-activities</a>
Biology	Linking food chains to careers workbook	<a href="https://www.stem.org.uk/resources/elibrary/resource/34119/education-pack-food-chains">https://www.stem.org.uk/resources/elibrary/resource/34119/education-pack-food-chains</a>
Biology	Royal Society of Biology Careers site. Includes, presentations, booklets, details of training routes	<a href="http://careers.rsb.org.uk">Careers resources (rsb.org.uk)</a>
Biology	Job profiles for careers in biology	<a href="http://careers.inbiology.org.uk">Careers in biology (stem.org.uk)</a>
Biology	Biology careers lesson plan	<a href="http://careers.rsb.org.uk/lesson-plans">Biology Careers Lesson Plan (rsb.org.uk)</a>
Biology	Linking biology with careers guidebook	<a href="http://flowpaper.com">Linking Biology with Careers 2021 (flowpaper.com)</a>
Biology	My Learning, My Future is a suite of resources that has been developed in partnership with The Careers and Enterprise Company and Skills Builder to help you speak confidently about careers	<a href="http://careersandenterprise.co.uk">My Learning My Future: Biology   CEC Resource Directory (careersandenterprise.co.uk)</a>

	related to your subject as well as the various pathways and skills needed by employers.	
Biology	Where could biology take you? Wellcome trust film	<a href="#">(10) Careers from biology   A Big Picture film by the Wellcome Trust - YouTube</a>
Biology	A-Z of the biosciences careers interviews	<a href="https://www.youtube.com/playlist?list=PLxu6ICEq35PdofbM5IOz9mUSv63q5BJ7Q">https://www.youtube.com/playlist?list=PLxu6ICEq35PdofbM5IOz9mUSv63q5BJ7Q</a>
Chemistry	Careers in Chemistry website. Includes career options, study routes, employability skills, how to find work experience and details of careers where chemistry is necessary.	<a href="#">Chemistry career options   RSC Education</a>
Chemistry	Chemistry careers resources and lessons. Includes posters, activities, brochures, inspirational videos.	<a href="#">Careers information for teachers   RSC Education</a>
Chemistry	Job profiles careers in chemistry	<a href="#">Careers in chemistry (stem.org.uk)</a>
Chemistry	Linking chemistry with careers guidebook	<a href="#">Linking Chemistry with Careers 2021 (flowpaper.com)</a>
Chemistry	My Learning, My Future is a suite of resources that has been developed in partnership with The Careers and Enterprise Company and Skills Builder to help you speak confidently about careers related to your subject as well as the various pathways and skills needed by employers.	<a href="#">My Learning My Future: Chemistry   CEC Resource Directory (careersandenterprise.co.uk)</a>
Chemistry	What can I do with chemistry video	<a href="#">What jobs can I do with a chemistry qualification?   RSC Education</a>

Chemistry	Chemistry careers videos from RSC	<a href="https://www.youtube.com/playlist?list=PLLnAFJxOjzZt-nfLEWOC1GlfWdH5l-RIT">https://www.youtube.com/playlist?list=PLLnAFJxOjzZt-nfLEWOC1GlfWdH5l-RIT</a>
interdisciplinary	Fracking and careers workbooks	<a href="https://www.stem.org.uk/resources/elibrary/resource/517660/fracking">https://www.stem.org.uk/resources/elibrary/resource/517660/fracking</a>
interdisciplinary	Astronaut log book - careers in space workbook	<a href="https://www.stem.org.uk/resources/elibrary/resource/517441/astronaut-logbook">https://www.stem.org.uk/resources/elibrary/resource/517441/astronaut-logbook</a>
Physics	What is engineering booklet	<a href="https://neonfutures.org.uk/resource/booklet-what-is-engineering/">https://neonfutures.org.uk/resource/booklet-what-is-engineering/</a>
Physics	Engineering posters - A3 posters	<a href="https://neonfutures.org.uk/resource/poster-this-is-engineering-posters/">https://neonfutures.org.uk/resource/poster-this-is-engineering-posters/</a>
Physics	Career map into engineering - England. This career map shows various ways to become a professional engineer in England.	<a href="https://neonfutures.org.uk/resource/poster-career-route-map-for-engineering-in-england/">https://neonfutures.org.uk/resource/poster-career-route-map-for-engineering-in-england/</a>
Physics	Institute of Physics Careers site Includes, lesson plans, presentations, booklets, details of training routes	<a href="#">Your future with physics: A guide for young people   Institute of Physics (iop.org)</a>
Physics	Limit Less guide to inspiring students about physics. Includes lesson insert, student booklet and guide to inclusive teaching.	
Physics	Job profiles careers in physics	<a href="#">Careers in Physics (stem.org.uk)</a>
Physics	Linking physics with careers guidebook	<a href="#">Linking Physics with Careers 2021 (flowpaper.com)</a>

Physics	My Learning, My Future is a suite of resources that has been developed in partnership with The Careers and Enterprise Company and Skills Builder to help you speak confidently about careers related to your subject as well as the various pathways and skills needed by employers.	<a href="https://careersandenterprise.co.uk">My Learning My Future: Physics   CEC Resource Directory (careersandenterprise.co.uk)</a>
Physics	Why study physics guide and short video	<a href="#">Why Study Physics?   Physics Careers   Success at School</a>
Physics	Physics career discovery tool	<a href="https://wripa.ac.uk">Physics Careers Discovery Tool - White Rose Industrial Physics Academy (wripa.ac.uk)</a>
Physics	Physics graduate careers guide	<a href="https://wripa.ac.uk/careers_guide_2018_no_guides.cdr">WRIPA careers guide 2018 no guides.cdr</a>
physics	Radiographer career profile and video	<a href="#">Radiotherapy physics   Health Careers</a>
Physics	Girls in physics videos	<a href="#">(10) Girls in Physics - YouTube</a>
Physics	Careers videos of professionals who use physics in their careers	<a href="#">(10) STEM Careers - YouTube</a>
Science	100 Stem careers poster	<a href="https://neonfutures.org.uk/resource/poster-100-jobs-in-stem/">https://neonfutures.org.uk/resource/poster-100-jobs-in-stem/</a>
Science	A Future STEM is a collection of STEM subject careers activities linked to employability skills. These practical activities will engage students in a series of careers related interactions. Originally designed for STEM Clubs but can be adapted for in class or homework activities.	<a href="https://www.stem.org.uk/system/files/elibrary-resources/2021/12/STEM%20Clubs%20A%20Future%20STEM%20Booklet.pdf">https://www.stem.org.uk/system/files/elibrary-resources/2021/12/STEM%20Clubs%20A%20Future%20STEM%20Booklet.pdf</a>

Science	Careers in the green industries	<a href="http://stem.org.uk">Green Careers (stem.org.uk)</a>
Science	Lesson plan for learning about STEM careers	<a href="http://youthemployment.org.uk">Free Lesson Plan: Learning About STEM Careers (youthemployment.org.uk)</a>
Science	Student guide to careers in science	<a href="http://successatschool.org">Science &amp; Research Careers Advice (successatschool.org)</a>
Science	Video interviews with people using science in their careers	<a href="#">Explore careers - icould</a>
Science	Video interviews with people using science in their careers	<a href="#">Jobs that use Science - BBC Bitesize</a>
Science	National, streamed and in school STEM fair activities	<a href="#">The Big Bang - The Big Bang</a>
Science	Careers in the NHS	<a href="#">Step into the NHS   help young people discover NHS careers</a>
Science	Video interviews with professionals in West Yorkshire working in healthcare professions including dietetics (chemistry), nursing (biology) and radiography.	<a href="https://futuregoals.co.uk/be-inspired/working-in-health-and-social-care/">https://futuregoals.co.uk/be-inspired/working-in-health-and-social-care/</a>
Science	Students will work in small teams to complete a wide range of tasks in order to stage the biggest and best festival ever! Working alongside leading practitioners, a series of free resources, lesson plans, films and activities have been created to bust the myths surrounding careers in the creative sector and provide a wider understanding of the less traditional, yet in-demand, roles	<a href="http://careersandenterprise.co.uk">FutureGoals Spotlight resource   CEC Resource Directory (careersandenterprise.co.uk)</a>

Science	My Learning, My Future is a suite of resources that has been developed in partnership with The Careers and Enterprise Company and Skills Builder to help you speak confidently about careers related to your subject as well as the various pathways and skills needed by employers.	<a href="#">My Learning My Future: Science   CEC Resource Directory (careersandenterprise.co.uk)</a>
Science	STEM Ambassadors are volunteers from a wide range of science, technology, engineering and mathematics (STEM) related jobs and disciplines across the UK. They offer their time and enthusiasm to help bring STEM subjects to life and demonstrate the value of them in life and careers. They can support young people in the classroom, or work with other youth and community groups, as well as helping to deliver activities online via video call.	<a href="#">Find a STEM Ambassador for your activity   STEM</a>
Science	<p>Yorkshire Water offer careers talks for Key Stage 3 and Key Stage 4 students. These will be delivered virtually.</p> <p>These sessions consist of a live introduction from one of our Education Team, a presentation which includes 'What Yorkshire Water does', examples of roles in all areas of the business, routes into the company and a sample of our apprenticeship and graduate roles. The session concludes with a Live Q&amp;A.</p>	<a href="#">Yorkshire Water - School visits</a>
Science	Citizen science volunteers	<a href="#">Citizen Science   UK Centre for Ecology &amp; Hydrology (ceh.ac.uk)</a> <a href="#">Zooniverse in Schools   University of Oxford Department of Physics</a> <a href="#">Education - SciStarter</a> <a href="#">Big Butterfly Count (butterfly-conservation.org)</a> <a href="#">Big Garden Birdwatch   The RSPB</a>

		<a href="http://nhm.ac.uk">Community science   Natural History Museum (nhm.ac.uk)</a> <a href="#">Shoresearch   The Wildlife Trusts</a>
Science	Range of videos ideally suited to launching a new subject with career links. Everything from Atomic Structure to Quantitative Chemistry	<a href="#">(10) Science, Why Bother? - YouTube</a>
Science	CPD Linking STEM curriculum to careers	<a href="#">(10) Linking curriculum learning to STEM careers Q&amp;A   April 2021   Online CPD - YouTube</a>
Science	Brian Cox Careers in Science with the Royal Society resources for the primary curriculum	Introduction <a href="#">(10) Brian Cox School Experiments - Careers in Science - YouTube</a> Resources <a href="#">Professor Brian Cox   Science School Experiments   Royal Society</a>
Science	Careers related to science videos	<a href="#">(10) Science, What's the Point? - YouTube</a>
Science	STEM Careers Support High-quality resources, programmes and guidance designed to support our six principles of STEM career learning.	<a href="#">STEM Careers Support</a>
Science	Guide for teachers linking careers to the STEM Curriculum	<a href="#">A Teachers Guide - Linking careers to the STEM curriculum.pdf</a>