

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>	https://resources.careersandenterprise.co.uk/resources/animal-adaptations-stem-subject-activities
Biology	Linking food chains to careers workbook	https://www.stem.org.uk/resources/elibrary/resource/34119/education-pack-food-chains
Biology	Royal Society of Biology Careers site. Includes, presentations, booklets, details of training routes	Careers resources (rsb.org.uk)
Biology	Job profiles for careers in biology	Careers in biology (stem.org.uk)
Biology	Biology careers lesson plan	Biology Careers Lesson Plan (rsb.org.uk)
Biology	Linking biology with careers guidebook	Linking Biology with Careers 2021 (flowpaper.com)

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 related to your subject as well as the various pathways and skills needed by employers.	My Learning My Future: Biology CEC Resource Directory (careersandenterprise.co.uk)
Biology	Where could biology take you? Wellcome trust film	(10) Careers from biology A Big Picture film by the Wellcome Trust - YouTube
Biology	A-Z of the biosciences careers interviews	https://www.youtube.com/playlist?list=PLxu6ICEq35PdofbM5lOz9mUSv63q5BJ7Q
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.	Chemistry career options RSC Education
Chemistry	Chemistry careers resources and lessons. Includes posters, activities, brochures, inspirational videos.	Careers information for teachers RSC Education
Chemistry	Job profiles careers in chemistry	Careers in chemistry (stem.org.uk)
Chemistry	Linking chemistry with careers guidebook	Linking Chemistry with Careers 2021 (flowpaper.com)
Chemistry	My Learning, My Future is a suite of resources that has been developed in partnership with The Careers and Enterprise Company	My Learning My Future: Chemistry CEC Resource Directory (careersandenterprise.co.uk)

	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.	
Chemistry	What can I do with chemistry video	What jobs can I do with a chemistry qualification? RSC Education
Chemistry	Chemistry careers videos from RSC	https://www.youtube.com/playlist?list=PLLnAFJxOjzT-nfLEWOC1GIfWdH5I-RIT
interdisciplinary	Fracking and careers workbooks	https://www.stem.org.uk/resources/elibrary/resource/517660/fracking
interdisciplinary	Astronaut log book - careers in space workbook	https://www.stem.org.uk/resources/elibrary/resource/517441/astronaut-logbook
Physics	What is engineering booklet	https://neonfutures.org.uk/resource/booklet-what-is-engineering/
Physics	Engineering posters - A3 posters	https://neonfutures.org.uk/resource/poster-this-is-engineering-posters/
Physics	Career map into engineering - England. This career map shows various ways to become a professional engineer in England.	https://neonfutures.org.uk/resource/poster-career-route-map-for-engineering-in-england/
Physics	Institute of Physics Careers site Includes, lesson plans, presentations, booklets, details of training routes	Your future with physics: A guide for young people Institute of Physics (iop.org)

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	Careers in Physics (stem.org.uk)
Physics	Linking physics with careers guidebook	Linking Physics with Careers 2021 (flowpaper.com)
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.	My Learning My Future: Physics CEC Resource Directory (careersandenterprise.co.uk)
Physics	Why study physics guide and short video	Why Study Physics? Physics Careers Success at School
Physics	Physics career discovery tool	Physics Careers Discovery Tool - White Rose Industrial Physics Academy (wripa.ac.uk)
Physics	Physics graduate careers guide	WRIPA careers guide 2018 no guides.cdr
physics	Radiographer career profile and video	Radiotherapy physics Health Careers

Physics	Girls in physics videos	(10) Girls in Physics - YouTube
Physics	Careers videos of professionals who use physics in their careers	(10) STEM Careers - YouTube
Science	100 Stem careers poster	https://neonfutures.org.uk/resource/poster-100-jobs-in-stem/
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.	https://www.stem.org.uk/system/files/eLibrary-resources/2021/12/STEM%20Clubs%20A%20Future%20STEM%20Booklet.pdf
Science	Careers in the green industries	Green Careers (stem.org.uk)
Science	Lesson plan for learning about STEM careers	Free Lesson Plan: Learning About STEM Careers (youthemployment.org.uk)
Science	Student guide to careers in science	Science & Research Careers Advice (successatschool.org)
Science	Video interviews with people using science in their careers	Explore careers - icould
Science	Video interviews with people using science in their careers	Jobs that use Science - BBC Bitesize

Science	National, streamed and in school STEM fair activities	The Big Bang - The Big Bang
Science	Careers in the NHS	Step into the NHS help young people discover NHS careers
Science	Video interviews with professionals in West Yorkshire working in healthcare professions including dietetics (chemistry), nursing (biology) and radiography.	https://futuregoals.co.uk/be-inspired/working-in-health-and-social-care/
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	FutureGoals Spotlight resource CEC Resource Directory (careersandenterprise.co.uk)
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.	My Learning My Future: Science CEC Resource Directory (careersandenterprise.co.uk)
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	Find a STEM Ambassador for your activity STEM

	to deliver activities online via video call.	
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&A.</p>	Yorkshire Water - School visits
Science	Citizen science volunteers	Citizen Science UK Centre for Ecology & Hydrology (ceh.ac.uk) Zooniverse in Schools University of Oxford Department of Physics Education - SciStarter Big Butterfly Count (butterfly-conservation.org) Big Garden Birdwatch The RSPB Community science Natural History Museum (nhm.ac.uk) Shoresearch The Wildlife Trusts

Science	Range of videos ideally suited to launching a new subject with career links. Everything from Atomic Structure to Quantitative Chemistry	(10) Science, Why Bother? - YouTube
Science	CPD Linking STEM curriculum to careers	(10) Linking curriculum learning to STEM careers Q&A April 2021 Online CPD - YouTube
Science	Brian Cox Careers in Science with the Royal Society resources for the primary curriculum	Introduction (10) Brian Cox School Experiments - Careers in Science - YouTube Resources Professor Brian Cox Science School Experiments Royal Society
Science	Careers related to science videos	(10) Science, What's the Point? - YouTube
Science	STEM Careers Support High-quality resources, programmes and guidance designed to support our six principles of STEM career learning.	STEM Careers Support
Science	Guide for teachers linking careers to the STEM Curriculum	A Teachers Guide - Linking careers to the STEM curriculum.pdf