

DOVER COLLEGE

#ONLINE

KS3 Science

Subject	Idea	Detail
KS3 Science	<p>Science museum virtual tour.</p> <p>Explore the Science museum collection, complete brain-teasing puzzles or learn about science with its range of science games and apps.</p> <p>For scientists interested in the natural world try a range of activities and Apps from the Natural History museum. Dino lovers , crafters nature lovers ideal for all.</p> <p>Range of online quizzes for all KS3 Science topics.</p> <p>Science on the sofa from the Glasgow Science festival.</p> <p>For the quirky science journalist try the Science Daily with updates on up and coming crazy science stories from around the world covering medicine, technology, environment, society and the quirky.</p> <p>BP Educational resources</p>	<p>https://360tour.sciencemuseum.org.uk/</p> <p>https://www.sciencemuseum.org.uk/games-and-apps</p> <p>https://www.nhm.ac.uk/take-part/try-this-at-home.html</p> <p>https://www.educationquizzes.com/ks3/science/</p> <p>http://www.glasgowsciencefestival.org.uk/</p> <p>https://www.sciencedaily.com/</p> <p>https://bpes.bp.com/home-learning-11-14</p>

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GCSE Science

Subject	Idea	Detail
Biology GCSE	<p>Reading around the subject</p> <p>Writing up your own research project</p> <p>Take part in the RSPB wild life survey</p>	<p>https://www.stem.org.uk/big-picture/resource-collection</p> <p>Research a concept that you are particularly interested in and create a presentation to explain your ideas to others.</p> <p>https://www.rspb.org.uk/fun-and-learning/</p>
Chemistry GCSE	<p>Read a book on the history and cultural associations of the chemical elements.</p> <p>Attempt diagnostic quizzes on the Royal Society of Chemistry</p> <p>Test out your practical skills with these interactive experiments.</p>	<p>https://edu.rsc.org/eic/science</p> <p><i>Periodic Tales</i> – Hugh Aldersey-Williams</p> <p>https://diagnosticquestions.com/RSC</p> <p>https://edu.rsc.org/resources/collections/phet-interactive-simulations</p>
Physics GCSE	<p>Issac Physics for the budding Physicist practice those equations.</p> <p>Revision help</p> <p>BP Educational Resources</p>	<p>https://isaacphysics.org/</p> <p>https://www.gcsephysicsonline.com/</p> <p>https://bpes.bp.com/resources/list/secondary</p>

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BTEC Applied Science

Subject	Idea	Detail
Applied Science L2	Climate Change: The Science online course	https://www.futurelearn.com/courses/climate-change-the-science
	Ecology and wildlife conservation online course	https://www.futurelearn.com/courses/ecology-and-wildlife-conservation
	Invisible worlds: Understanding the natural environment online course	https://www.futurelearn.com/courses/invisible-worlds
	What are waves online course	https://www.open.edu/openlearn/science-maths-technology/what-are-waves/content-section-0?active-tab=description-tab
	Scales in time and space online course	https://www.open.edu/openlearn/science-maths-technology/scales-space-and-time/content-section-0?active-tab=description-tab
	Blood and the respiratory system online course	https://www.open.edu/openlearn/science-maths-technology/blood-and-the-respiratory-system/content-section-0?active-tab=description-tab

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BTEC Applied Science

Subject	Idea	Detail
Applied Science L3	<p>Understanding Biological Energy online course</p> <p>Histology, microscopy and disease online course</p> <p>Ecology and wildlife conservation online course</p> <p>Blood and the respiratory system online course</p>	<p>https://www.futurelearn.com/courses/biological-energy</p> <p>https://www.open.edu/openlearn/science-maths-technology/histology-microscopy-anatomy-and-disease/content-section-overview?active-tab=description-tab</p> <p>https://www.futurelearn.com/courses/ecology-and-wildlife-conservation</p> <p>https://www.open.edu/openlearn/science-maths-technology/blood-and-the-respiratory-system/content-section-0?active-tab=description-tab</p>

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A-level Science

Subject	Idea	Detail
Biology A-Level	Biochemistry Society Communication competition Biochemistry: Molecules of Life online course	https://www.biochemistry.org/education/science-communication-prize/ https://www.futurelearn.com/courses/biochemistry/1
Chemistry A-Level	Exploring everyday chemistry online course Click to add text Atmospheric Chemistry: Planets and life beyond Earth online course SNAP revise	https://www.futurelearn.com/courses/everyday-chemistry https://www.futurelearn.com/courses/atmospheric-chemistry-planets-and-life-beyond-earth https://www.youtube.com/channel/UC8pOYw9kw8z9uOKgAZ7ki8w/playlists?view=50&sort=dd&shelf_id=4
Physics A-Level	Join the IoP See how physics affects sustainable building design	https://www.iop.org/education/school-and-college-students https://www.iop.org/explore-physics/sustainable-building-design

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Psychology and General Science

Subject	Idea	Detail
Applied Psychology	Introduction to Cognitive Psychology: An experimental science	https://www.futurelearn.com/courses/an-introduction-to-cognitive-psychology-as-an-experimental-science
General	Fire Ecology online course	https://www.open.edu/openlearn/science-maths-technology/fire-ecology/content-section-0?active-tab=description-tab
	Click to add text	
	Forensic facial reconstruction: Finding Mr X online course	https://www.futurelearn.com/courses/forensic-facial-reconstruction
	Science, maths and technology open university online courses	https://www.open.edu/openlearn/science-maths-technology/free-courses
	Future Learn Science, engineering and maths free courses online	https://www.futurelearn.com/subjects/science-engineering-and-maths-courses
	Future Learning Psychology free courses online	https://www.futurelearn.com/subjects/psychology-and-mental-health-courses/psychology