



**BIOLOGY
RELATED**

**EDUCATIONAL
RESOURCES**



NOTE TO READERS

We have collated these resources which are all hosted by external organisations. Although we believe all the resources have educational value, we do not control the content and so can make no guarantees over its accuracy. We encourage teachers and parents to review the content before recommending any of these science-based activities for pupils at home.

PRIMARY EDUCATION

[ASE CORONAVIRUS HUB: PRIMARY REMOTE LEARNING RESOURCES](#)

The Association for Science Education has created an in-depth series of resources to help primary teachers deliver remote lessons during the current coronavirus crisis. The resource includes lessons for primary-aged pupils which are designed to be directly accessible to children and parents at home.

[FREE ACTIVITY RESOURCES](#)

The Royal Society for Biology have a range of free activity resources covering diverse areas of biology that you can download and use at events, at school or at home.

[PRIMARY SCIENCE RESOURCE PACKAGES | STEM](#)

STEM Learning provides primary science resource packages as a useful starting point for teachers in planning and delivering science lessons or in supplementing a teacher's own planning.

[EXPLORIFY](#)

Created by Wellcome Trust, Explorify is a free resource of engaging, creative science activities that has been designed to spark curiosity, discussion, and debate. It includes a range of resources from videos to hands-on activities.

[WHAT'S IN MY TRAY? SCIENCE](#)

A supplier of classroom storage, Gratnells have developed many experiments and activities to aid science learning, all conducted in a tray.

[HOME | WOWSCIENCE - SCIENCE GAMES AND ACTIVITIES FOR KIDS](#)

Wow Science was created by Primary Science Teaching Trust in collaboration with Learning Science Ltd. The site provides links to primary science learning materials, which cover a broad range of science subjects and are suitable for all primary ages.

[TREES FOR LEARNING](#)

Learning Resource for Teachers of EYFS (0-5 years), Key Stage 1 (5-7 years) & Key Stage 2 (7-11 years), to help children connect to nature and begin to appreciate both the value and beauty of trees.

[CHESTER ZOO | LEARNING RESOURCES](#)

A range of posters, activities and videos that help children learn about animal biology, conservation and the environment.

[ENDEAVOUR | KEW](#)

Endeavour is Kew's free online learning platform, full of teaching resources for Key Stage 1 (5-7 years), Key Stage 2 (7-11 years), Key Stage 3 (11-14 years), Key Stage 4 (14-16 years) and Key Stage 5 (16-18 years). From exciting videos of Kew scientists to fun infographics and white-board presentations, Endeavour has everything you need to deliver engaging lessons in plant science and the environment.



[NATURAL HISTORY MUSEUM | LEARNING RESOURCES](#)

Lesson plans and activities for classroom learning, as well as resources to support self-led trails around the Museum.

[BBC BITESIZE | DAILY LESSONS](#)

Daily lessons for primary and secondary home-schooling from BBC Bitesize covering English, Maths, Science and more.

SECONDARY EDUCATION (AGES 11-18)

[SOCIETY FOR EXPERIMENTAL BIOLOGY | YOUTUBE](#)

For higher level students looking to pursue a career in experimental biology or undertake a bioscience degree at university, explore our archive of recorded lectures from past SEB annual conferences to discover how experimental biology is helping to shape the world we live in and tackle some of the biggest problems we face.

[FIELD STUDIES COUNCIL | #FIELDWORKLIVE](#)

A series of live fieldwork lessons hosted by Encounter Edu and led by their expert field tutors. These sessions are available to watch on catch-up and have accompanying resources.

[GRESHAM COLLEGE | SCIENCE LECTURES](#)

An archive of recorded lectures that could be useful to for A-Levels (16-18 year olds), and to those planning to do Extended Project Qualifications (EPQs). Biology related resources can be found under [Science](#) and [Geography/Environment](#)

[SAPS | TEACHING RESOURCES](#)

Science and Plants for Schools have a range of resources, containing a mixture of videos, animations, practicals. They also have a series of short interviews with scientists introducing contemporary science topics through conversation with some of the UK's leading researchers. Their [Science and Plants for Schools online ecology practicals](#) also provide an opportunity to carry out field work online through the use of close-up photos of the quadrats.

[MALMESBURY EDUCATION](#)

Malmesbury School, recipients of the Platinum Science Mark in 2018, have produced a number of clearly presented videos showing GCSE biology, chemistry and physics required practicals along with a selection of A-level practicals.

[ZOONIVERSE](#)

Zooniverse is a website for crowd citizen science projects - where researchers ask the general public to assist them in gathering data. You can participate in research of all kinds, from classifying galaxies to counting penguins to transcribing manuscripts.

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