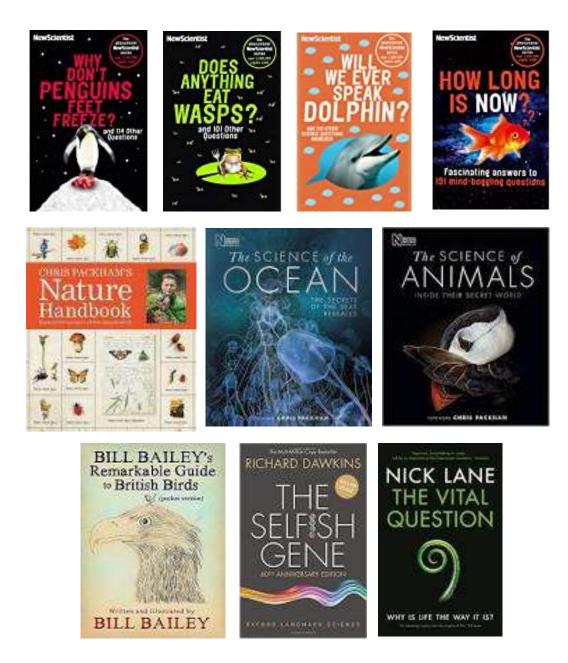


KS4 Supercurricular BIOLOGY

Reading

Why Don't Penguins' Feet Freeze?	978-1861978769
Does Anything Eat Wasps?	978-1473651333
Will We Ever Speak Dolphin?	978-1473642713
How Long is Now?	978-1473628595
Chris Packham's Nature Handbook	978-0241539286
The Science of the Ocean: The Secrets of the Seas Revealed	978-0241415252
The Science of Animals: Inside their Secret World	978-0241346785
Bill Bailey's Remarkable Guide to British Birds	978-1786487131
The Selfish Gene	978-0198788607
The Vital Question: Why is life the way it is?	978-1781250372



Listening, viewing and doing

BBC iPlayer Science & Nature	https://www.bbc.co.uk/iplayer/categories/science-and- nature/featured
BBC news stories – science and the environment	https://www.bbc.co.uk/news/science and environment
BBC news stories – health	https://www.bbc.co.uk/news/health
Biology: Changing the World celebrates the great biologists of the past in order to inspire those of the future. The website and mobile app are packed with information and activities about the biologists that shaped the world we live in.	https://biologyheritage.rsb.org.uk/bcw
There are dozens of great science and nature podcasts to listen to. Find out how to access them and get listening here, as well as reading our reviews.	https://www.discoverwildlife.com/how-to/how-to-listen-to- podcasts/
Get lost in the magic of nature without ever leaving the living room. Check out our favourite nature-focused podcasts,	https://www.forestryengland.uk/blog/top-nature-podcasts
Science Podcast - Scientific principles, theory, and the role of key figures in the advancement of science.	https://www.bbc.co.uk/programmes/p01gyd7j/episodes/downloads
Podcasts, news and interviews with scientists about recent scientific developments	http://royalsociety.org
Based at Cambridge University's Institute of Continuing Education (ICE), the Naked Scientists are a team of scientists, doctors and communicators whose passion is to help the general public to understand and engage with the worlds of science, technology and medicine.	https://www.thenakedscientists.com/
Carefully curated educational videos, many of which represent collaborations between talented educators and animators.	https://www.youtube.com/teded/playlists
FutureLearn online science, engineering, and maths courses cover a wide and fascinating range of subjects. A lot of courses are free and they're provided by leading global institutions.	https://www.futurelearn.com/subjects/nature-and-environment- courses, https://www.futurelearn.com/subjects/science- engineering-and-maths-courses/biology-and-biotechnology, https://www.futurelearn.com/subjects/nature-and-environment- courses/ecology
The London Natural History Museum's website with lots of interesting educational material	http://www.nhm.ac.uk
SciberMonkey is currently supported and run by the Royal Society of Biology. It aims to support the teaching and learning of science.	https://www.scibermonkey.org.uk//level-ks4.html

Magazines

BBC Science Focus - concerned with the human mind and body, medical science and biology, and the effects of modern life on our health and wellbeing.

National Geographic – a truly breathtaking glimpse into the wild and wonderful nature of the world around us.

BBC Wildlife Magazine - the UK's oldest and best wildlife magazine with the best photographers and most knowledgeable writers to celebrate truly awe-inspiring animals and habitats. https://www.magazine.co.uk/education-magazines/focus-magazine

https://www.magazine.co.uk/magazines/national-geographicmagazine, https://www.nationalgeographic.com/magazine

https://www.buysubscriptions.com/print/bbc-wildlife-magazinesubscription



. .

and the second second second

Visiting- local places to enhance your understanding

...

. . .

Birmingham Botanical Gardens, Birmingham	https://www.birminghambotanicalgardens.org.uk/
Nature Centre Cannon Hill Park, Birmingham	http://www.cannonhillpark.co.uk/nature-centre
Thinktank Science Museum, Birmingham	https://www.birminghammuseums.org.uk/thinktank
Falconry Centre, Hagley	https://thefalconrycentre.co.uk/
Butterfly Farm, Stratford-upon-Avon.	https://www.butterflyfarm.co.uk/attraction/
West Midlands Safari Park, Bewdley	https://www.wmsp.co.uk/
Lapworth Museum of Geology	https://www.birmingham.ac.uk/facilities/lapworth-museum/index.aspx
The Wildlife Trust for Birmingham and the Black	https://www.bbcwildlife.org.uk/nature-reserves

The Wildlife Trust for Birmingham and the Black Country. Explore a local nature reserve – make sure you go with an adult!

4

National competitions

An annual competition introduced in 1985 in the UK to enhance student interest in microbiology. The annual competition for Key Stages 3 and 4 now attracts up to 2,000 student entries each year. Entries must be sent off by the school so please ask your biology teacher about this!

The Nancy Rothwell Award celebrates specimen drawing in schools and highlights the benefits of combining art and science.

'Communication' is the theme of this year's Royal Society of Biology Photography Competition. The top prize? £500 for you to keep! http://www.misac.org.uk/competition.html

https://www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award

https://www.rsb.org.uk/get-involved/rsb-competitions/photographycompetition











Royal Society of Biology