

SUPER-CURRICULAR OPPORTUNITIES					
Subject	Pre GCSE/GCSE	GCSE Book/Broadcast /Competition	Post-16	Post-16 Book/Broadcast/Competition	Websites / Virtual Tours
Biology	<ul style="list-style-type: none"> <li>• Visit London Zoo</li> <li>• Find out about the largest hydroponic plant in the UK <a href="#">Home Page - Thanet Earth</a></li> <li>• Explore the heart using an interactive 3D model <a href="#">The heart: Anatomy, how it works, and more (medicalnewstoday.com)</a></li> <li>• Research the evolution of species <a href="#">Timeline: Human Evolution   New Scientist</a></li> <li>• Find out about the risk factors of Coronary Heart Disease <a href="#">Risk factors for heart and circulatory diseases   BHF - BHF</a></li> </ul>	<p>Ted Talks:</p> <p><a href="#">How your digestive system works - Emma Bryce - YouTube</a></p> <p><a href="#">Maryn McKenna: What do we do when antibiotics don't work any more?   TED Talk</a></p> <p>Books:</p> <ul style="list-style-type: none"> <li>•The Hot Zone by Richard Preston</li> <li>•Life on Earth – the greatest story ever told by David Attenborough.</li> </ul> <p>Competition:</p> <p><a href="#">Nancy Rothwell Award (rsb.org.uk)</a></p>	<ul style="list-style-type: none"> <li>• Keep up to date with events and current affairs as they pertain to Biology. Regularly read quality journalism and search within this for articles related to your academic interests. Try The Guardian, The Times, The Daily Telegraph or BBC News online and specialist magazines.</li> <li>• Visit a Zoo and an Aquarium</li> <li>• Research a career that utilises A-level Biology.</li> </ul>	<p>Magazines:</p> <p>Subscribe to the Biology Review magazine.</p> <p>Books:</p> <ul style="list-style-type: none"> <li>•Evolution and DNA The blind watchmaker; the selfish gene;</li> <li>•The ancestors tale: Richard Dawkins.</li> <li>•GENOME: Matt Ridley.</li> <li>•DNA: the secret of life: James Watson</li> <li>•A Brief History of Everyone Who Ever Lived: The Human Story Retold Through Our Genes: Adam Rutherford.</li> </ul> <p>Podcasts:</p> <p><a href="#">12 of the best: Podcasts for Biologists (rsb.org.uk)</a></p> <p>Oxford University <a href="#">Department of Earth Sciences   University of Oxford Podcasts</a></p> <p>Competitions:</p> <p>Biology Olympiad</p> <p><a href="#">British Biology Olympiad – UKBC (ukbiologycompetitions.org)</a></p>	<p>The New Scientist</p> <p><a href="#">News articles and features   New Scientist</a></p> <p>National Institute for Health and Care</p> <p><a href="#">About   NICE</a></p> <p>Virtual Microscope</p> <p><a href="#">Virtual Microscope (ncbionetwork.org)</a></p> <p>Virtual lab <a href="#">Curriculum Resources(newpathonline.com)</a></p> <p>Virtual Zoos/ Aquariums</p> <ul style="list-style-type: none"> <li>• Cincinnati Zoo Safari (3pm): <a href="https://www.facebook.com/cincinnati-zoo/">https://www.facebook.com/cincinnati-zoo/</a></li> <li>• Atlanta Zoo 'Panda Cam' <a href="https://zooatlanta.org/panda-cam/">https://zooatlanta.org/panda-cam/</a></li> <li>• Georgia Aquarium: <a href="https://www.georgiaaquarium.org/webcam/beluga-whale-webcam">https://www.georgiaaquarium.org/webcam/beluga-whale-webcam</a></li> <li>• The Shedd Aquarium: <a href="https://www.facebook.com/shedd-aquarium/">https://www.facebook.com/shedd-aquarium/</a></li> <li>• San Diego Zoo: <a href="https://kids.sandiegozoo.org/videos">https://kids.sandiegozoo.org/videos</a></li> <li>• National Aquarium: <a href="https://aqua.org/media/virtualtours/baltimore/index.html">https://aqua.org/media/virtualtours/baltimore/index.html</a></li> </ul>