

Cultural capital	Recommended books to read	Recommended films./shows to watch	Recommended places to visit
KS3	<p>Biology- New Scientist, National Geographic Chemistry - Beginners guide to the periodic table by Gill Arbutnott Science: A beginners encyclopaedia All About Chemistry by Robert Winston Science squad by Robert Winston</p>	<p>Biology: Planet Earth 1 & 2 , The Blue Planet and Blue Planet 2 , Life on Land (Attenborough Box Set) , Life , Hidden Kingdoms , Nature's Weirdest Events , YouTube: Crash Course Biology</p>	<p>Thinktank, Birmingham Science Museum, Lapworth museum of Geology, National Science Museum and Natural History Museum, London, Discovery Museum, Newcastle upon Tyne, Eden Project, Chester Zoo, Jodrell Bank Discovery Centre, Cheshire, National Space Centre, Leicester, Centre for Alternative Technology, Machynlleth,</p>
KS4	<p>Biology: New Scientist, National Geographical, A Short History of Nearly Everything, Bill Bryson , Life on Earth, David Attenborough ,Bad Science, BBC Science Focus magazine Chemistry - All About Chemistry by Robert Winston Science squad by Robert Winston The Disappearing Spoon by Sam Kean Big Bang- a History of Explosives by G I Brown Science, Money and Politics by D Greenberg Uncle Tungsten by Oliver Sacks The Ten most beautiful experiments by George Johnson</p>	<p>Biology: YouTube: Bozerman , Science.tv , Blackfish and Grizzly Man (Award-winning Netflix Documentaries) , Human Planet Physics: Brian Cox BBC series - The Planets, Wonders of the Universe, Human Universe etc,</p>	<p>All of the above plus EDF Energy Visitor Centres at numerous power stations, Dinorwig Power Station, Llanberis, Culham Centre for Fusion Energy, Oxfordshire,</p>
KS5	<p>Biology: National Geographical, New Scientist, Greatest Show on Earth: The Evidence for Evolution, Richard Dawkins,99% Ape: How Evolution Adds Up, Jonathan Silvertown, Chemistry for Biologists, Bernard Rockett & Raul Sutton , A Short History of Nearly Everything, Bill Bryson, Life on Earth, David Attenborough Physics - Physics Review magazine, Richard Feynman books - Surely you're joking Mr Feynman, Six Easy Pieces, What do you care what other people think?, Brian Cox - Everything that can happen will happen, Why does E = mc2? Chemistry - The Right Chemistry by Joe Schwarcz, PhD The Chemistry of Life by S Rose How to Live a Low Carbon Life by C Goodhall Molecules at an Exhibition by J Emsley Napoleon's Buttons by Penny Burreson Out of Gas by D Goodstein Oxygen by Nick Lane Calculations in AS/A-Level Chemistry by Jim Clarke (also author of the Chem guide website) Practical Chemistry (for AQA) N Henry</p>	<p>Jim Al-Khalili BBC TV series - The Secrets of Quantum Physics, Shock and Awe, the Story of Electricity,</p>	<p>University of Birmingham Masterclasses, University of Birmingham IOP Lectures</p>