




## GCSE Science Super Curriculum



| Read  | Do   | Find                            |
|--|---|--|
| 'Sapiens' by Yuval Noah Harari   | Live off grid for 24hrs! Can you survive without using shops, electricity or the internet for a day?  | Is there life on another planet? Find out what research has been done and what is the probability?                 |
| Stephen Hawkins' 'Brief Answers to the Big Questions'.                                 | Plan and deliver a KS3 science club session   | Were humans happier as hunter gatherers? Find out the issues with our modern sedentary lifestyle.                  |
| 'Almost Like a Whale' Steve Jones  | Grow your own vegetables and make a meal from your produce.   | Find out how you could reduce the energy consumption in your house. Can you reduce your electricity and gas bills? |
| 'The Secret Lives of the Elements' by Kathryn Harkup                                   | Mini Essay (1000 words approx.) What is the potential for stem cells to be used in medical treatments?  | Find out what the dangers are from antibiotic resistance.<br><br>What can be done to reduce the risk?              |
| 'Human Universe' by Brian Cox  | Visit the Queen Mary University of London Pathology Museum and tell your class all about what you saw.<br><a href="https://www.qmul.ac.uk/pathologymuseum/">https://www.qmul.ac.uk/pathologymuseum/</a> | Find out what countries the food you eat comes from. How many "food miles" your average meal has.                  |