



# Super Curriculum – Biology

## KS3



### Reading:

- The Tangled Tree by David Quammen
- Then Vital Question by Nick Lane
- The Selfish Gene by Richard Dawkins
- The Story of the Human Body by Daniel Liberman



### Watching:

You Tube Channels:

- *'Shomu's Biology'* has a lot of great lectures
- *'iBiology'* brings world-leading scientists to your screen
- *'Amoeba Sisters'* is fun and educational Crash Course



### Listening:

Podcasts:

- The Infinite Monkey Cage
- Radiolab
- Waking up with Sam Harris
- The Natural Selection
- Brains On



### Doing:

- After listening to a video, write a summary about this
- After reading the book, write a review using the following prompts: Something I agreed with in this book was...Something I disagreed with in this book was...Something I learnt from this book that I didn't know about this subject before was...



### Academic Enrichment:

Year 7 KS3 - The BGS Science Discovery Award



# Super Curriculum – Biology

## KS4



### Reading:

- The Tangled Tree by David Quammen
- Then Vital Question by Nick Lane
- The Selfish Gene by Richard Dawkins
- The Story of the Human Body by Daniel Liberman



### Watching:

You Tube Channels:

- Shomu's Biology has a lot of great lectures
- iBiology brings world-leading scientists to your screen
- Amoeba Sisters is fun and educational Crash Course



### Listening:

Podcasts:

- The Infinite Monkey Cage
- Radiolab
- Waking up with Sam Harris
- The Natural Selection



### Doing:

- After listening to a video, write a summary about this
- After reading the book, write a review using the following prompts: Something I agreed with in this book was...Something I disagreed with in this book was...Something I learnt from this book that I didn't know about this subject before was...
- Using the unifrog platform, choose and complete online courses in a range of Biology related fields, ranging from 'The Human Microbiome' to 'Animal Science'.



### Competitions:

- Year 9-10 – UK Biology Challenge – March 2021



# Super Curriculum – Biology

## KS5



### Reading:

- The new scientist - available in the library, current, published research papers
- The Tangled Tree by David Quammen
- Then Vital Question by Nick Lane
- The Selfish Gene by Richard Dawkins
- The Story of the Human Body by Daniel Liberman



### Watching:

You Tube Channels:

- Shomu's Biology has a lot of great lectures
- iBiology brings world-leading scientists to your screen
- Amoeba Sisters is fun and educational Crash Course



### Listening:

Podcasts:

- The Infinite Monkey Cage
- Radiolab
- Waking up with Sam Harris
- The Natural Selection



### Doing:

- Using the unifrog platform, choose and complete online courses in a range of Biology related fields, ranging from 'The Human Microbiome' to 'Animal Science'.
- After listening to a video, write a summary about this
- After reading the book, write a review using the following prompts: Something I agreed with in this book was...Something I disagreed with in this book was...Something I learnt from this book that I didn't know about this subject before was.



### Competitions:

- Year 12 – Intermediate Biology Olympiad – June 2021
- Year 13 - Biology Olympiad - Jan-Feb 2021