

### As readers and reporters we will:

- Focus upon 'The Explorer' by Katherine Rundell creating character backstories and prequels.
- Explore 'Wild' by Emily Hughes to create a psychological report
- Lose ourselves in 'Dark Sky Park' by Philip Gross
- Delve into The land of Neverbelieve by Norman Messenger developing new lands of our own and creating wildlife guides for them.
- Study 'Of thee I sing' by Barak Obama, using it to create our own short biographies of notable Scientists.

### As scientists and engineers we will:

- Consider how to work scientifically and why it is important
- Investigate classification systems, why they are needed and how they can be used.
- Interrogate the evidence for evolution through adaptation.

### As historians and linguists we will:

- Explore the life and work of scientists and luminaries including Charles Darwin, Mary Anning and Carl Linnaeus.
- Consider the impact of the Scientific discoveries of the Ancient Greeks on our lives today.
- Develop our knowledge of Modern Foreign Languages.

### As computer scientists we will:

- Understand computer networks, including the internet and the opportunities they offer for communication and collaboration
- Design write and debug a program to classify items using the scientific principle of cladistics.

### To enrich our learning we will:

- Visit Cotswold Wildlife Park to enrich and deepen our understanding of evolutionary theories
- Compete in a range of sporting competitions
- Participate in the Easter service at St Stephen's church
- Welcome a visitor to discuss the impact of the Ancient Greeks to modern society
- Invite parents into our classroom laboratory.

### Topaz Class: Spring Term Endless forms most beautiful



"There is grandeur in this view of life ... from so simple a beginning endless forms most beautiful and most wonderful have been, and are being, evolved."

### As British citizens we will:

- Debate the ethics and controversies surrounding genetic modification
- Research and develop our understanding of how our small changes make a big difference to climate change and plastic pollution
- Consider and practise mindfulness and other strategies to remain calm in times of change and other potentially stressful situations
- Participate in philosophical discussions, deepening our approach to thinking
- Develop and nurture our growth mindsets to make us effective and resilient learners
- Discuss and debate topics including the importance of Sikh stories today and the significance of believing that God intended Jesus to die.

### As mathematicians we will:

- be developing mathematical confidence to:
- Continue to develop our mental fluency with number facts
  - Explore the relationships between fractions, decimals and percentages.
  - Carry out calculations using these
  - Incorporate fractions, decimals and percentages into multi-step problems
  - Solve problems involving calculating perimeter, area and volume

### As designers and musicians we will:

- Experience and develop the piece 'Earth' by Hans Zimmer exploring rhythms, cord patterns and composition.
- Compose and perform as an ensemble considering Motif and palindromes, inspired by 'A Bao A Qu' by Mason Bates.
- Refine our drawing technique applying it to botanical artwork
- Design and create a cushion for the reading corner.

### As athletes we will:

- Improve and refine our technique in athletics
- Develop tactics and strategy through Tag Rugby
- Create dances on the theme of 'Amazing Zoology'