

ENGLISH

A Monster Calls

- To use further prefixes and suffixes and understand the guidance for adding them
- To discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- To distinguish between statements of fact and opinion
- To provide reasoned justifications for their views.
- To use a thesaurus.
- To be able to use a wide range of punctuation

MUSIC

- To be able to identify different instruments in a piece of music
- Identify genres of music
- To understand tempo and pitch
- To create a piece of music for a specific purpose

COMPUTING

- To understand several key algorithms that reflect computational thinking
- To use two or more programming languages, at least one of which is textual, to solve a variety of computational problems

SCIENCE

Charles Darwin

Genetics and Evolution

- To be taught heredity as the process by which genetic information is transmitted from one generation to the next
- To understand a simple model of chromosomes, genes and DNA in heredity
- To understand the difference in species. changes in the environment may leave individuals within a species, and some entire species, less well adapted to compete successfully and reproduce, which in turn may lead to extinction

RE

Dalai Lama, Buddha

- To understand different beliefs and cultures including Buddhism

Lost and Living Legends Neptune Topic Web - Autumn term 2018

PSCHE

- To understand the importance of how media portrays young people and how it can impact on body image and health issues.

MATHS

- Use standard units of mass, length, time, money and other measures, including with decimal quantities
- Round numbers and measures to an appropriate degree of accuracy
- Calculate and compare the area of rectangles (including squares) and estimate the area of irregular shapes
- Describe, sketch and draw using conventional terms and notations: points, lines, parallel lines, perpendicular lines, right angles, regular polygons, and other polygons that are reflectively and rotationally symmetric

ART/DT

Andy Warhol and Roy Lichtenstein

- To use a range of techniques to record their observations
- To use a range of techniques and media, including painting.
- To increase proficiency handling different materials.

HISTORY

William Wilberforce, Olaudah Equiano, Thomas Clarkson, Granville Sharp

- To research Britain's transatlantic slave trade and its effects.
- To research the key people who helped lead to the end of slavery in the British Empire and its colonies.
- To understand what life may have been like on a slave ship and the conditions they lived in.

GEOGRAPHY

Thai Cave rescuers

- To research North, Central and South America and how the weather is vastly different and why it is different.
- How artists from different regions of the Americas create and inspire different types of art.
- To understand how human and physical processes interact to influence, and change landscapes, environments and the climate
- To look at climate changes and extreme weather in Asia and America.

P.E

Louis Smith, Daley Thompson, Kelly Holmes

- To develop their technique and improve their performance in other competitive sports [for example, athletics and gymnastics
- To be able to balance, jump and roll.
- To understand how exercise impacts the body
- To understand the importance of warm ups.