

English

- To be able to identify themes in and across books
- To understand imagery
- To be able to spell homophones
- To be able to use a variety of punctuation
- To be able to use a thesaurus
- To be able to understand and use roots

Science (Forces and motion)

- To understand speed and the quantitative relationship between average speed, distance and time ($\text{speed} = \text{distance} \div \text{time}$).
- To understand forces as pushes or pulls, arising from the interaction between two objects.
- To use force arrows.
- To know about opposing forces and equilibrium: weight held by stretched spring or supported on a compressed surface.

ICT

- To understand the terms algorithms and programming
- To be able to debug an algorithm
- To be able to create instructions for a desired effect

Music

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

Religious Education

- To develop a mutual respect for others and a tolerance of those with other beliefs to them
- To understand religious views

Contrasting environments



Neptune Topic Web - Summer Term 1 2018

Geography

- To understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems.
- To identify similarities and differences between Africa and Asia

Maths

- To solve two-step equations (including including the use of brackets) when the solution is a whole number
- To solve two-step equations (including the use of brackets) when the solution is a fraction
- To use knowledge of place value to multiply with decimals
- To use knowledge of place value to divide a decimal
- To be fluent at multiplying a three-digit or a two-digit number by a two-digit number
- To be fluent when using the method of short division
- To know the order of operations for the four operations
- To use brackets in problems

Art and DT

- To use a range of techniques to record their observations in sketchbooks, journals and other media as a basis for exploring their ideas.

Physical Education

- To be able to throw a ball accurately
- To be able to catch and dodge
- To be able to balance, jump and roll
- To understand how exercise impacts the body
- To understand the importance of warm ups.

PSHCE

- To be able to work as a team
- To be able to use tools safely
- To be able to use the internet responsibly
- To be able to listen to others and respond appropriately

History

- To understand how the environments have changed over time
- To identify similarities and differences between places
- To use secondary sources