

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 prefixes and suffixes

Science

To understand that the reactants in, and products of, photosynthesis, and a word summary for photosynthesis.
To know the adaption of leaves for photosynthesis.
To know how organisms affect, and are affected by, their environment, including the accumulation of toxic materials.
To know the importance of plant reproduction through insect pollination in human food security.

ICT

- to consider audience and purpose when designing and creating digital products
- To evaluate existing digital content
- To effectively combine text and media

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

Jules Verne



Neptune Topic Web - Summer Term 2 2018

Geography

To understand the layers of the earth.
To understand the different areas of the oceans,
To understand habitats.
To plan a journey.
To be able to read a map.
To be able to follow a route.

Maths

To use integer powers and associated real roots (square, cube and higher), recognise powers of 2, 3, 4, 5 and distinguish between exact representations of roots and their decimal approximations
To generate terms of a sequence from either a term-to-term or a position-to-term rule.
To solve problems involving percentage change, including: percentage increase, decrease.
To derive and apply formulae to calculate and solve problems involving: perimeter and area of triangles, parallelograms, trapezia, volume of cuboids (including cubes) and other prisms (including cylinders)
To record, describe and analyse the frequency of outcomes.

Art and DT (journeys)

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/ SRE

To be able to understand healthy relationships
To understand the importance of good hygiene.
To know the changes in puberty.
To understand how babies are formed and develop.
To understand how hormones affect our bodies.
To understand how the law relates to sex and relationships.

History

To understand transport in the 1800's.
To understand how beliefs have changed over time.
To know the history of space travel.