

English

Core Text: 1001 Arabian Nights.

A retelling of a selection of tales from the Arabian Nights. Its mystery and rich imagery have inspired Western writers, artists and poets from the 18th century to the present day. Children will recognise the familiar themes of traditional stories such as heroic quests and voyages, magical objects and transformations, and the struggle between good and evil and between ingenuity and brute force.

Core Text: Cosmic

A humorous adventure is seen through the eyes of twelve year old Liam Digby a 'gifted and talented' child whose physical appearance ages him beyond his years.

History and Geography

The children will use atlases to locate key locations that were influential to Early Islamic Civilisation. Atlases and technology will be used to identify countries bordering Iraq. They will study the Early Islamic Civilizations and how the culture, medical advances and inventions still influence life today.

The children will also study the history of the 'Space Race', placing key events on a timeline. Include the first rocket to orbit the Earth and first moon landing. We will study the rivalry and locations of the key countries involved.

Art &DT

The children will produce an Arabian night sky silhouette with a water colour wash sky. They will also use a reduced colour palette and chalks to produce images of planets using different media to create a layer background. They will look at the work of the artist Peter Thorpe as inspiration for their own work. In DT we will be making galaxy biscuits and solar system models.

Science

Children will have the opportunity to compare and group together everyday materials on the basis of their properties. They will learn which materials will dissolve in liquid to form a solution, and describes how to recover a substance from a solution. Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. Investigate that some changes are reversible but others are irreversible as a new material is formed.

We will describe the sun, Earth and moon as approximately spherical bodies and how the movement of the Earth and other planets relative to the sun in the solar system. Consider the movement of the moon in relation to the Earth. Explain day and night and the apparent movement of the sun across the sky.

An Arabian Night Sky.



Computing

E-safety—revise how to be SMART when using the internet to communicate.

Using search engines to gather information. Using the technology as a tool to produce art inspired by Islamic designs. The children will also have the chance to move on their programming skills by using Scratch to design a space related computer game.

Maths

Number and place value

- Read, write, order, compare, count forwards and backwards to at least 1000000 and determine the value of each digit.
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.
- Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

Addition and Subtraction

- Add and subtract numbers mentally and using formal methods with whole numbers up to and beyond four digits.
- Use rounding to check answers to calculations and determine, in the context of a problem, how plausible our answer is.

Multiplication and Division

- Multiply and divide numbers mentally drawing upon known facts. Multiplying and dividing whole numbers by 10, 100 and 1000.
- Multiply and divide numbers using formal methods with whole numbers up to and beyond four digits.
- Identify multiples, factors, square, cubed and prime numbers.

Statistics

Solve comparison, sum and difference problems using information presented in a line graph. Complete, read and interpret information in tables including timetables.