AL MAHA ACADEMY

English
First Half-term
Theme: Earth and Beyond

Non-Fiction:
Autobiography/Biography
Fiction: Stories by Significant Authors
Narrative writing

VGP:
- Modal verbs or adverbs to indicate degrees of possibility
- Relative clauses
- Passive verbs
- Perfect form of verbs to mark relationships of time and cause
- Brackets, dashes and commas to indicate parenthesis
- Semi-colons, colons or dashes to mark boundaries between independent clauses
- Colon to introduce a list

Computing

We are Web Developers
Create a webpage using Wix

We are Cryptographers
Use Morse Code to decrypt and encrypt messages

Art

Paint a space-themed picture in the style of artist Peter Thorpe

Acclaim-Images.com

Year 5 Mid- Semester Objectives

Science

Earth and Space

Math

Number and Place Value

- Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit.
- Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000.
- Read Roman numerals to 1000 (M) and recognise years written in Roman

Number – Addition, Subtraction, Multiplication, Division

- Add and subtract whole numbers with more than 4 digits,
- Add and subtract numbers mentally
- Solve addition and subtraction multi step problems
- Know and use prime numbers, prime factors and composite (non-prime) numbers.
- Establish whether a number up to 100 is prime
- Multiply numbers up to 4 digits by a one- or two-digit numbers.
- Multiply and divide numbers mentally
- Divide numbers up to 4 digits by a one-digit number including those with remainder
- Multiply and divide whole numbers and decimals by 10, 100 and 1000.
- Recognise and use square numbers and cube numbers
- Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.
- Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

Number-Fractions

- Read and write decimal numbers as fractions (e.g. $0.71 = \frac{71}{100}$)
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- Round decimals with two decimal places to the nearest whole number and to one decimal place.