Year 6 Curriculum Overview Semester 1   2018/19

AL MAHA ACADEMY

Year 6 Mid- Semester Objectives

English
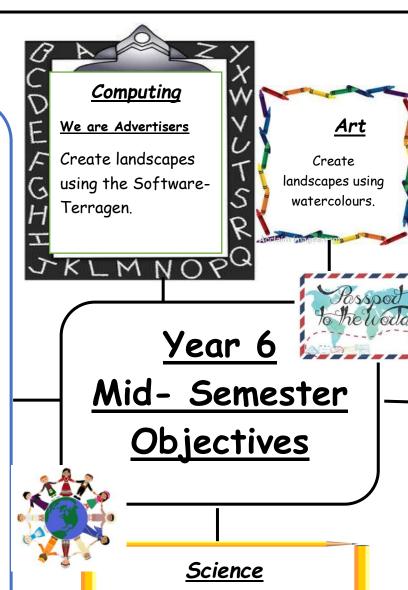
First Half-term
Theme:Passport to the World

Non-Fiction: Journalistic Writing
Compare different journalistic styles like travel vlogs (Arabian vloggers and others); travel guides, television presentation and written travel articles.
Students would be expected to write and present two styles in detail.

Fiction: Myths and Legends (Ali Baba and the Forty Thieves)
VGP:
- Hyphens to avoid ambiguity
- Semi-colons, colons and dashes.
- Expanded noun phrases
- Spell words with prefixes and suffixes.

Computing

We are Advertisers

Create landscapes using the Software-Terragen.

Art

Create landscapes using watercolours.

Science

- **Classifying Living Things**

Math

Number and Place Value

- Read, write and order and compare numbers up to 10 000 000 and determine the value of each digit.
- Round any whole number to a required degree of accuracy.
- Solve number and practical problems that involve the above.
- Use negative numbers in context, calculate intervals across zero.

Number – Addition, Subtraction, Multiplication, Division

- Multiply multi-digit numbers up to 4 digits by a two-digit whole numbers using the formal written method of long multiplication.
- Perform mental calculations, including with mixed operations and large numbers

Number-Fractions

- Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places.
- Multiply one-digit numbers with up to two decimal places by whole numbers.

Algebra

Use simple formulae; Generate and describe linear number sequences; Express missing number problems algebraically; Find pairs of numbers that satisfy an equation with two unknowns; Enumerate possibilities of combinations of two variables.

Measurement

Solve problems involving the calculation and conversion of units of measure; Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places.

Geometry – Properties of Shape

Draw 2D shapes using given dimensions and angles; Recognise, describe and build simple 3D shapes, including making nets.