

### Maths

#### Ratio & proportion:

Solve problems involving the relative sizes of two qualities where missing values can be found by using integer multiplication and division facts.

#### 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 combination of variables.

#### Statistics:

Interpret and construct pie charts and line graphs and use these to solve problems.

Calculate and interpret the mean as an average.

#### Geometry: Properties of shape

Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius.

Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

### P.E

To work in a team or alone to gain possession of a ball. Explain rules and tactics in detail

### Science / Computing

Evolution and inheritance: Recognise how living things have changed over time.

Living things and their habitats: Describe how living are classified into broad groups according to common observable characteristics.

Recognise the impact of diet, drugs and lifestyle on the way bodies function.

Computing: Use search technologies and be discerning in evaluating digital content. Understand how to use social media safely and responsibly. Correct & conduct.

### SMSC/RE

Understand the impact of disease in the wider world.

Discuss how to manage change and transition.

Discuss how to manage physical changes within puberty.

Discuss behaviour choices in society and their consequences.

Begin to explore democracy and government as well as justice and laws.

Analyse different sources and understand media interpretation.

#### **RE**

What does it mean to be a Muslim?

- 5 pillars of Islam

- Beliefs

- Who or what inspires Muslims?

## Year 5/6 Curriculum Map Marvellous Me

**‘Do our talents become our passions or do our passions become our talents?’**

#### **English:**

- Using Critique to improve our written work with growing independence.
- Narrative, non-fiction text, information text, persuasive text, newspapers, reviews and debates.
- Grammar, punctuation and spelling.
- Reading comprehension and responding to texts.

### Humanities/History/Geography

Talk in depth about the theme in relation to other historical events and the impacts of these, linking to modern day.

Note connections, contrasts and trends over time and develop the appropriate use of historical terms. Identify significant events, make connections, draw contrast and analyse trends.

Locational knowledge: identify the position and significance of latitude, longitude, Equator, Northern and Southern hemisphere.

Know the meaning of the Tropics of Capricorn and Cancer. Know Prime/Greenwich Meridian and time zones (including night and day).

Study environments and compare similarities and differences in a range of features.

Human & physical geography: Know meaning of Biomes and vegetation belts.

### The Arts/Music/Languages

Sculpture: improving mastery of art and design techniques, including sculpture (wire and Modroc).

Textiles: experiment with soft sculpture; cuts and joins patterns, embellishing the components.

Be able to identify and appraise the work of great designers in history.

#### **DT:**

Generate, develop, model and communicate design ideas using discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes detailed plans.

Select from and use specialist tools and techniques for a range of uses.

Test, evaluate and refine ideas and products against a specification.

#### **Music:**

Play and perform in solo and ensemble contexts, using voices and instruments with increasing fluency, accuracy, control and expression.