

### MATHS Year 5

- Identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- Draw given angles, and measure them in degrees (o)
- Identify angles at a point and one whole turn (total 360degrees)
- Identify angles at a point on a straight line
- Use the properties of rectangles to deduce related facts and find missing lengths and angles
- Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.
- Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

### MATHS Year 6

- Draw 2-D shapes using given dimensions and angles
- Recognise, describe and build simple 3-D shapes, including making nets
- Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons
- 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.

### COMPUTING

- PowerPoint skills and presentation.
- Online safety.
- File saving and retrieval.

### SCIENCE

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object

### PE

- Play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending
- Take part in outdoor and adventurous activity challenges both individually and within a team

### Art

- Improve their mastery of art and design techniques; include drawing, painting and sculpture with a range of materials.

### DT

- Apply their understanding of how to strengthen, stiffen and reinforce structures that are more complex.
- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.
- Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.

### RE: Zakat

- Describe 'Sawm' and say when the fasting takes place
- Give reasons why Muslims fast
- Give examples of those who are not expected to fast and to state why

## Deep in the Hundred Acre Wood



Term 6 - Year 5 and 6

### WWO: Problem-Solving

- Building on Ideas
- Decision Making

### History

- A study of an aspect of history or a site dating from a period beyond 1066 that is significant in the locality.

### Geography

- Use simple fieldwork and observational skills to study the geography of their school and its grounds, and the key human and physical features of its surrounding environment.

### ENGLISH

#### Reading

- Continue to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- Read books that are structured in different ways and reading for a range of purposes
- Increase their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions

#### Spelling

- Use dictionaries to check the spelling and meaning of words
- Use the first 3 or 4 letters of a word to check spelling, meaning or both of these in a dictionary

#### Writing

- Identify the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- Note and develop initial ideas, drawing on reading and research where necessary
- Assess the effectiveness of their own and others' writing
- Ensure the consistent and correct use of tense throughout a piece of writing

### PSHE – Taking care of the environment:

- Our responsibilities towards our environment.
- Being part of a community, explore different groups that support our communities and environment.
- The lives of other people around the world.
- How resources are allocated to communities.