

Science / Computing

- Use technology to accomplish challenging goals
- Collect, analyse and evaluate data
- Use a range of sources to combine different software and present data and information in an e-book
- Know why you need to use technology securely and protect your online identity
- Recognise correct content and conduct
- Identify and name the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood
- Describe the way in which nutrients and water are transported within animals including humans

Design Technology

- Use research to identify user needs when designing a product
- Communicate design ideas
- Select from and use specialist tools and techniques
- Select from a wide range of materials
- Justify decisions made when designing
- Evaluate products and use this to inform planning
- Build complex frameworks using materials to support mechanisms

Physical Education

- Gain possession confidently and apply attacking and defending skills
- Apply understanding of rules and tactics
- Perform dances using a range of movement patterns using advanced techniques

Mathematics

- Use all four operations to solve problems involving measure (for example, length, mass, volume, money) using decimal notation including scaling

Context: Geometry / Number & Place Value

- Identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- Draw given angles, and measure them in degrees ($^{\circ}$)
- Identify:
 - angles at a point and one whole turn (total 360°)
 - angles at a point on a straight line and $1/2$ a turn (total 180°)
 - other multiples of 90°
- 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.

English

- Using critique to improve our work – being kind helpful and specific
 - Plan writing by noting and developing ideas
 - Selecting appropriate grammar and vocabulary
- Text types: Persuasive leaflet, poetry, narrative story writing, non-fiction and instructional writing* [SEP] - We will be discussing themes and conventions across a wide range of writing, including debating and persuasive language.

Humanities / Geography / History

- Identify the position and significance of latitude, longitude, equator, Northern Hemisphere and Southern Hemisphere
- Know the meaning of the Tropics of Capricorn and Cancer
- Locate on a map human and physical features.
- Compare similarities and differences between environments
- Understand methods of historical enquiry
- Identify significant events, make connections and analyse them
- Carry out a detailed study of a particular famous person and their historical legacy from two different points of view
- Study an aspect or theme in British history beyond 1066

The Arts / Music / Languages

To have an in-depth knowledge of the work of an artist and choose a style to emulate in creating a piece of Art

- 'Limited palette' work: working with one colour and developing work using tints and shades
- Experimenting with line, tone and shade

Was the Nile the giver
of life for the
Egyptians?
Year 5/6

SMSC / RE

- Recognise and challenge stereotypes
- Respect equality and diversity between people
- Begin to explore democracy and government as well as justice and laws
- Exploring whether religions help to build a fair world and make poverty history
- Understand different values, traditions and customs