

English

Children will:

- Read 'The Boy in the Tower' by Polly Ho-Yen and 'Can We Save The Tiger?' by Martin Jenkins
- Read a variety of fiction and non-fiction texts and answer comprehension questions precisely and in a timely manner
- Understand the purpose and audience of different genres
- Plan and write a narrative for 'The Boy in the Tower' and a discussion text based on 'Can We Save The Tiger?'
- Learn and apply a range of Y6 grammar and spelling techniques
- Improve the legibility of their handwriting
- Proofread, edit, and improve their writing according to Y6 expectations

So that they...

- enjoy reading
- develop and apply key reading skills
- improve their reading fluency and stamina
- answer comprehension questions with accuracy
- write competently
- consider the purpose and audience when planning their writing
- recognise and self-select features suitable for different genres
- assess the effectiveness of their and other's writing



Maths

Children will:

- Explore and begin to understand algebra
- Understand and apply conversion of measurements
- Explore and apply understanding of area perimeter and volume
- Begin to understand ratio
- Continue to practise mental arithmetic strategies
- Develop robust problem solving and reasoning skills through group activities
- Revise topics already covered in Year 6 through problem solving and reasoning questions

So that they...

- understand a wide range of complex mathematical concepts and solve problems using a variety of skills and knowledge.
- work quickly and efficiently.

Science

Children will:

- explore evidence in order to explain inheritance and variation
- identify adaptive traits for living things.
- learn how animals adapt to suit their environment
- investigate how a species has adapted over time
- research to find out about adaption and evolution
- interpret fossil records
- research and compare the work of Darwin, Wallace and Anning

So that they can:

- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.
- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

# Our Changing World

DT

Children will:

- Research and prepare a three-course meal
- taste-test and score their food and when they aren't cooking
- Research the journey of their main ingredient from 'farm to fork'
- write a favourite recipe to include in a class cookbook

So that they...

- understand and apply the principles of a healthy and varied diet
- prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques
- understand seasonality, and know where and how a variety of ingredients are

RE

Children will:

- Explore the enquiry question: What difference does it make to believe in Ahimsa, Grace and Ummah? (Living)

So that they...

- learn in depth from different religious and spiritual ways of life about teaching about hard times.
- can engage in systematic enquiry into significant human questions which religion and worldviews address.
- can develop the understanding and skills needed to appreciate and appraise varied responses to these questions, as well as develop responses of their own.

Geography

Children will...

- Explore the enquiry question: How is climate change affecting the continent of Africa, and what can we do about it?
- Be exposed to geographical terms

So that they...

- understand the interaction between physical and human processes
- explain how Earth's features change over time
- describe and understand key aspects of physical geography, including climate zones, biomes and vegetation belts

Computing

Children will:

- be introduced to spreadsheets
- be supported in organising data into columns and rows to create their own data set
- be taught the importance of formatting data to support calculations, while also being introduced to formulas and will begin to understand how they can be used to produce calculated data
- be taught how to apply formulas that include a range of cells, and apply formulas to multiple cells by duplicating them
- use spreadsheets to plan an event and answer questions.
- create graphs and charts, and evaluate their results in comparison to questions asked

So that they...

- select, use, and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems, and content that accomplish given goals, including collecting, analysing, evaluating, and presenting data and information

PSHE

Children will:

- Take responsibility for their health and well-being
- Understand exploitation and build a bank of strategies to avoid being pressurised
- Explore emotional and mental health
- Manage stress and pressure

So that they...

- understand what it is to be healthy



Physical Education

Children will:

- Take part in orienteering sessions (Monday)
- Take part in basketball sessions (Friday)

So that they...

- can orientate a map, locate points on the map in a set order, follow a route and reach as many points as possible in an allocated time
- improve their teamwork and ball skills
- develop their fitness

