

English

Wonder - R.J. Palacio
Poetry by Tennyson
The Jungle Book – Rudyard Kipling

Trips:

Visitor: Imaam
Visit: Lee Valley – Rivers and Lakes
Discovery Day
Visit: Citizenship Trip
Visit: Residential trip

Engineering and Construction

Building a bridge
The types of bridges – design and style
Stress tests
Design, make and test a balsa wood bridge.

Designing and making a transportation device to go up a mountain

Science

Electricity

Circuits and circuit symbols
Investigating the effect of varying the components in a circuit.
Electrical conductors and insulators

STEM project

Children will explore how science is used to solve real life problems. They will have opportunities to apply the science theory they have learned over the year.

Agriculture

Monitor and harvest the hybrid vegetable.
Evaluate the success of the hybrid. What impact would this have on the local environment?

History

Origins of Islam.
Map trade links from China to Britain through Baghdad
Map the spread of Islam and Christianity.
Using reliable evidence discover the life story of Prophet Mohammed (pbuh).
Contrasting arguments and interpretations.
Understand more about Islamic historical conquest.
The Silk Road.
Use secondary sources to find out about Baghdad.

Mathematics

Place value
Addition and Subtraction
Multiplication and Division
Algebra
Ratio and proportion
Fractions, decimals, percentages
Statistics
Measures

Geography

Rivers and Mountains
Formation
Canyons and gorges
Volcanoes
River wildlife
Flood plains, estuaries and deltas
Weathering and Erosion

Computing

Year 6 design their own webpage using HTML code. Each week the pupils gradually add information to their web page starting with basic headings and paragraphs and eventually adding images, titles and tables.

<https://www.w3schools.com/html/default.asp>

Religious Education

Islam:

The Ummah
Mecca
mosque
Id-ul Adha
The Jumu'ah
Belief in Action

Transition unit

Rules and responsibilities across Judasim, Islam and Christianity.

PSHE

Community: What does it mean to be radicalised?
Law and Order
Visit: Tour of the Crown Court
Visitor: Police- Gang Violence
PRE: Puberty and reproduction physical & emotional behaviour in relationships the process of conception and pregnancy positive and negative ways of communicating in a relationship
Managing change: Growth Mindset
Visitor: Local Secondary Schools

Music

(Targeting Music book 6)
Create movement sequences that reflect different dance styles. Learn by ear and notate the main rhythms that characterise each piece of dance music.
Write a comparison of the different dances, commenting on the relationship between the musical elements and movements.

Musical: Joseph and the Technicolour Dream Coat by Andrew Lloyd Webber

Art

Sewing and weaving

Combine sewing techniques to create a product
Embellish using different stitches or with design on binca
Weave a background and embellish with collage/stitching.

PE

OA Physical Challenges

Skill development: problem solving, working co-operatively, multi limb co-ordination, balance, control

OA Trails

Skill development: problem solving, working co-operatively, balance, control

Kwik cricket

Skill development: spatial awareness, object manipulation, sending/ receiving an object, power adjustment, co-ordination.

Subject Specific Concepts and Vocabulary

History: Origins of Islam			Geography: Rivers and Mountains		
cultural interaction	tri religion	archaeology	drought	reason for living on volcano slopes	inhabited flood plains
explorer	spice trade	trade routes	ox bow lakes	flood plains	flooding
conquest	religious divisions	interpretations	Estuaries	erosion	water usages
legacy	islamic civilization	dynasty	rock formations	Gorges	canyons
civilisation	Old Testament	perceptions	accessibility	hydrological cycle	deltas