

KEY DATES



YEAR 5 TERM 2

Masterful Maya

Tuesday 28th October: Start of Term 2
 Monday 3rd November: Flu immunisations
 Monday 10th November: Anti-bullying Week
 Monday 17th-Friday 28th November: Thai children in school
 Thursday 27th November: Enrichment Day
 Wednesday 10th December: Christmas dinner and carol service at St Mary Bredin church TBC
 Friday 12th December 3pm: Friends of Wincheap Christmas fair
 Wednesday 17th -Friday 19th December: Christmas parties in year groups
 Friday 19th December: Last day of Term 2

MATHS

Multiplication and division

- Multiples, Common multiples,
- Factors, Common factors
- Prime, square and cube numbers
- Multiply and divide by 10, 100 and 1,000
- Multiples of 10, 100 and 1,000

Fractions Fractions

- Find fractions equivalent to a unit and non-unit fraction
- Find and recognise equivalent fractions
- Convert improper fractions to mixed numbers and mixed numbers to improper fractions
- Convert, compare and order fractions less than and greater than 1
- Add and subtract fractions with the same denominator, Add fractions within 1 and with total greater than 1
- Add to a mixed number, add two mixed numbers, Subtract fractions, subtract from a mixed number - breaking the whole

SCIENCE



Physics - Space

- The Solar System
- The planets
- Modelling
- Motion of the Earth and planets
- The Solar System - ideas over time
- Planet Earth
- Night and day
- The Moon

Sustainability - Global Warming

- What is global warming?
- What are the impacts of global warming on living things

HISTORY

Who were the Maya and when did they live?

Why was chocolate important in the ancient Maya civilisation?

What did the Maya believe?

What did the Maya invent?

What do we know about the Maya from archaeological remains and artefacts?

What happened to the Maya?



ENGLISH

Newspaper report
 Diary
 Narrative
 Setting description
 Poetry: Space Oddity by David Bowie
 Figurative poetry: I Wandered Lonely as a Cloud by William Wordsworth



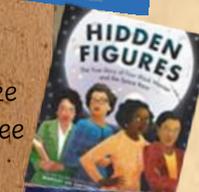
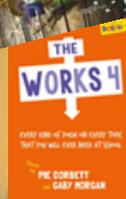
ENRICHMENT

Visit and interactive workshop with Ben the Spaceman - scientist and space expert.



WE ARE READING...

Rooftoppers by Katherine Rundell
Leon and The Place Between by Angela McAllister; Grahame Baker-Smith
The Cosmic Diary of our Incredible Universe by Tim Peake
Hidden Figures by Margot Lee Shetterly
The Maya (History in Infographics) by Jon Richards
The Works 4 by Pie Corbett



MUSIC

Classroom Jazz 1

Listen & Appraise:

Three Note Bossa &
Five Note Swing
Structure

Musical Activities

using glocks and/or
Recorders. Play
instrumental parts
with the music by ear
using the notes G, A +
B and D, E, G, A + B.
Improvise in a Bossa
Nova and swing style
using the notes D, E,
G, A + B.

Perform & Share

Sharing a class
performance.

Christmas songs



YEAR 5 TERM 2

Masterful Maya



ART

Mixing Potions

- Golden Mayan faces
- How artists draw and paint the sun
- Mayan dragons and how to draw Mandalas



COMPUTING

- Coding Efficiently: use simplified code to make programming more
- Efficient and use variables in their code.
- Simulating a Physical System: understand what a simulation is, plan an algorithm and use their plan to program the simulation
- Decomposition and Abstraction: know what decomposition and abstraction are in Computer Science, Friction and Functions: understand how to use friction in code; understand what a function is and how functions work in code.
- Introducing Strings: create and use strings in programming.
- Text Variables and Concatenation: explore text variables when coding; understand what concatenation is and how it works.



R.E

Why doesn't Christianity always look the same?

Investigate how a religion can begin by exploring the story of Pentecost and the start of the Christian church.

Explore the impact of historical figures on the development of Christian beliefs and practices.

Find out how Christianity has changed over time by learning about how different groups (denominations) have formed.

Explain how different interpretations of the Bible lead to different Christian beliefs about the Holy Spirit.

Compare how Christians show their beliefs by looking at how different denominations practise.

Investigate how religions can change by exploring how Christianity continues to develop in the world today.

Explore Christian beliefs about the Incarnation through the Nativity story



SPANISH

- Los Maya
- My City
- Directions
- Barcelona – Gaudi



P.E

Cricket

'Chance to shine' cricket sessions with Jamie Harris, community cricket coach at Kent Cricket. These sessions focus not only on developing the physical skills, of throwing, catching, bowling and batting but also the importance of respect, fair play and communication.



P.S.H.E

Celebrating Difference

- Cultural differences and how they can cause conflict
 - Racism
- Rumours and name-calling
 - Types of bullying
- Material wealth and happiness
- Enjoying and respecting other cultures



D.T

Mechanical systems: Gears and pulleys
Create a working gear system and explain its function.

Improve a working gear system and suggest some applications.

Create a working pulley system and explain its function.

Conduct market research to discover useful tasks an eco-gadget bike could perform.

Design and evaluate an eco-gadget bike using design criteria.