

English

Books: *Hidden figures* by Margot Lee Shetterly and *The Jamie Drake Equation* by Christopher Edge.

In our English lessons, we will learn all about the moon landing before writing a newspaper report on the topic. Our SPAG lessons will support the children in their writing by focusing on key features such as direct and indirect speech, using parentheses, etc. During the second half of term, we will be writing a science fiction story! In preparation for this exciting narrative, children will learn how to use dialogue to move the action along, let their imaginations fly when creating futuristic characters and use short, snappy sentences for effect. During our guided comprehension sessions, we will explore *The Jamie Drake Equation* in detail, improving our vocabulary and ability to infer, make predictions, retrieve information and summarise what we've read.

French: In my French house

- Lesson 1:** To adapt model sentences about houses to create new ones.
- Lesson 2:** To use key grammatical structures to create a description of a house.
- Lesson 3:** To use new language for items in a bedroom.
- Lessons 4 & 5:** To use prepositions to describe where objects are placed.
- Lessons 6 & 7:** To use familiar vocab and structures to describe a home.

Computing: Programming – Selection in physical computing

- Lesson 1:** To control a simple circuit connected to a computer.
- Lesson 2:** To write a program that includes count-controlled loops.
- Lesson 3:** To explain that a loop can stop when a condition is met.
- Lesson 4:** To explain that a loop can be used to repeatedly check whether a condition has been met.
- Lesson 5:** To design a physical project that includes selection.
- Lessons 6 & 7: Online safety** - To identify secure websites by identifying privacy seals of approval.

PE: Tag rugby and Dance

PE will be taught on Tuesdays and Wednesdays.
On Wednesdays PE will be taught by Mr Papper.

Geography: Exploring the world

- Lesson 1:** I can reflect on geography as a subject and discuss the value of learning geography.
- Lesson 2:** I can reflect on and discuss how geography helps us to understand the world.
- Lesson 3:** I can use maps and geographical skills to investigate the geography of the UK.
- Lesson 4:** I can use geographical knowledge, skills and data to investigate different places.
- Lesson 5:** I can reflect on and discuss the landscapes, environment and physical features of North and South America.
- Lesson 6:** I can describe some tourist destinations in Oceania and discuss positive and negative consequences of tourism.
- Lesson 7:** I can list some of Africa's natural resources and describe some of the consequences of mining cobalt.

Design & Technology: Mechanical systems – to design and make a rocket using cams

- Lesson 1:** To create design criteria to meet a user's needs.
- Lesson 2:** To use an exploded diagram to assemble a frame.
- Lesson 3:** To explore a mechanism to inform a design decision.
- Lesson 4:** To evaluate a completed design.

Science: Earth and space

- Lesson 1:** To explore the important events in the history of space exploration through research.
- Lesson 2:** To research how ideas about the shape of Earth and its position in the Solar System have changed over time.
- Lesson 3:** To investigate how the length of shadows changes over the course of a day and explain how Earth's rotation causes day and night.
- Lesson 4:** To describe the four seasons and what causes them.
- Lesson 5:** To describe natural and artificial satellites and identify the phases of the Moon.
- Lesson 6:** To research and present information about the planets of the Solar System.

Our Christian Value this term is Trust

We will explore the meaning and importance of trust through Biblical stories such as Jesus calming the storm, Daniel in the lion's den and Peter walking on water.

Maths:

Fractions, multiplication and division

- Weeks 1 – 3:** We will spend about three weeks on fractions, looking at equivalent fractions, converting improper fractions to mixed numbers and vice versa, comparing and ordering fractions, adding and subtracting fractions including mixed numbers and finally, multi-step problems.
- Weeks 4 – 7:** Next, we will revisit multiplication and division, focusing on using formal methods to multiply 4-digit numbers by 2-digit numbers. We will cover mental and formal methods, short and long division, before consolidating our learning by making decisions regarding the most efficient or appropriate method to use in a range of contexts. We will also do a lot of problem solving, multi-step problems and the order of operations.

RE: What does it mean to be a Muslim in Britain today?

- Lesson 1:** Who are the Muslims in your region?
- Lesson 2:** What helps Muslims through the journey of life?
- Lesson 3:** Why is Zakah/charity important to Muslims? How is charity important to you?
- Lesson 4:** Why do Muslims want to go on pilgrimage?
- Lesson 5:** Where do Muslims get guidance for living?
- Lesson 6:** What does it mean to be a Muslim in Britain today?

RSHE: Relationships

- Lesson 1:** I will know the actions of someone in a caring family relationship.
- Lesson 2 – Online relationships:** I will know how to critically consider online relationships.
- Lesson 3:** I will know how to manage bullying behaviour.
- Lesson 4:** I will know how to apply collaboration skills to complete a group task.
- Lesson 5:** I will know how to deal with people who stereotype.
- Lesson 6:** I will know that violence is the wrong choice.

Music: One Voice Festival of Singing 2025

During our music lessons, we will continue to practise our songs for the One Voice Festival at Glyndebourne Opera house on Tuesday, 9 December. To support us during our preparation, one of the singers who will perform with the children, is scheduled to visit the school during Term 2.

