

Science

In Science, we will be learning about Evolution and inheritance. The big ideas that children will be studying are:

- How have living things changed over time?
- How has life evolved over time?
- What is DNA and what does it do?
- Are all offspring identical to their parents?
- Darwin and Wallace – what evidence did they share to argue the case for evolution?
- Survival of the fittest - how have animals adapted and evolved to suit their environment?

PSHE

This half term children will explore the following important themes that support their personal, social, and emotional development:

- Working together
- Solve the friendship problem
- Assertiveness skills
- Behave yourself
- Dan's day
- Don't force me
- Acting appropriately
- What is the issue with addiction? (Vaping / smoking)

Computing

Creating Media- Web Creator

This unit introduces children to the creation of websites for a chosen purpose. Children will identify what makes a good web page and use this information to design and evaluate their own website using Google Sites. Throughout the process children pay specific attention to copyright and fair use of media, the aesthetics of the site, and navigation paths

Natterhub:

Through Natterhub, children will take part in fun and interactive online safety lessons. These lessons include topics such as Code of Conduct; Getting Help and Reporting Concerns and Using Search Engines Effectively.

Design and Technology

BLOCK A: Food and Nutrition - Can street food save us?

In this block, children will study and make street foods from different cultures. The aim of these sessions is to encourage children to think about their own diet and snacks and how their nutritional value could be improved. The block provides an opportunity for children to learn about a range of different cultures.

BLOCK B: Mechanisms - Can pulleys and gears let you see the word?

In this block, children will investigate how pulleys and gears work. They will then design and make their own gear product. Children will select and use a variety of modelling materials to create final outcomes

Maths

We will cover the following units using the Ark Mastery approach:

Integers & Decimals

Children will learn about whole numbers and decimal numbers, including how to perform arithmetic operations with them.

Multiplication and Division

Children will focus on mastering multiplication and division skills, understanding their concepts, and applying them to various problems.

This approach ensures deep understanding and mastery of each topic before moving on.

English

Our author this half term is Jo Hoestlandt, author of *Star of fear, star of hope*. A book we will be reading as a class over the next few weeks. Children will be exploring characters through discussion, drama and role play. We will be encouraging children to respond to questions by referring to the text. Children will also be writing their own narratives, descriptive writing, dialogue and speech. Children will also read and analyse the poem *Blitz* by Mary Anderson and write their own poem inspired by this piece.

YOU CAN HELP YOUR CHILD BY –

Encouraging your child to read **daily** and discussing what they have read.



Grammar:

We will continue to build on and expand upon the children's knowledge of grammar. As always, we revisit and revise grammar learnt across KS2 in our lessons as well. You can support your child by ensuring they are accessing spag.com.

Spellings:

Spelling lessons take place regularly each week. Your child will be given weekly spellings based on the new rule learnt in lesson. They will then be tested the following week. Please try and help your child learn their spellings.

RE

Children will summarise some features of Sikh practice (e.g. sewa, prayer) in the home and in the community. Children will explain and give reasons for some Sikh beliefs and symbols (e.g. Khanda, 5Ks) considering the meanings behind them. Children will also discuss and apply ideas about Sikh practices and beliefs, recognising the challenges and value of belonging to the Sikh community.

Music

In music this half term, children will be taught how to play the violin by a professional violinist. They will learn the parts of the instrument, how to read notes, and how to play. By the end of the term, they will be able to play short pieces.

PE

Evade, Invade, and Capture

In this unit children will develop skills in evading opponents, using speed and agility strategically, making tactical decisions, targeting effectively, and working as a team. They'll also learn to compete honestly, show resilience in challenges, and demonstrate leadership in group activities.

Netball

In netball, children will develop their passing, catching, footwork, marking and shooting skills. They will learn to move into space, communicate effectively and apply attacking and defending tactics during small-sided games.

MFL - Arabic

During the first half term, children will be introduced to:

- The Arab world, Arabic language, and culture
- The written Arabic alphabet
- Giving extended personal information
- Following class instructions in Arabic

Memorable Experience

A professional palaeontologist will lead a workshop on evolution. Children will explore inheritance, variation, adaptation, and Darwin's "Origin of Species" through hands-on activities, demonstrations, and games. They will examine fossil specimens from eight prehistoric periods, record and interpret findings, and see evidence of evolution.