

Mathematics – Following the White Rose Maths Scheme, we will primarily be working on: **Percentages, Decimals, Multiplication and division, Algebra, Ratio, Statistics and Measure** (including area, perimeter and volume) during Autumn Term. We will develop a fluency in maths skills, practising rapid and accurate recall with varied opportunities to apply to problems through arithmetic, reasoning and problem solving. Children will complete regular multiplication tasks so confidence in times tables is gained; this will be encouraged every week through homework tasks too.

History (*Ancient Egypt*)

This term we will learn all about the Ancient Egyptians. We will investigate the men and women who studied the kingdoms of Egypt and explore their discoveries. We will look at some of the Pharaohs and the development of the pyramids, as well as the mythology that permeated Ancient Egypt. We will discover the beliefs of these ancient people, and how they showed their beliefs through symbolism. Later in the unit, we will look at the role the Nile had in allowing this civilisation to flourish and examine daily life, comparing it to our own. This topic will include a full-day workshop with specialist teachers who will bring artefacts and VR headsets for us to explore!

Science –

This term children will be learning Forces as part of their science learning each week. In the first half of term, children will explore the more about the forces of gravity and friction and investigate the friction of different surfaces. They study air resistance, investigate paper spinners falling, look at floating and sinking and build a self-righting boat. Learning about simple forces includes activities to study pulleys, gears and other simple machines and gives pupils the chance to use their knowledge of machines to build a catapult.

In the second half of term, our work on 'Light' will build on their work on light in Year 3 to make more detailed investigations of shadows. They use their conclusions from this work to create shadow puppets and use special effects in their puppet shows. They study reflectivity, build a periscope and investigate the effectiveness of sunglasses, learning about the dangers of UV light.

Geography - World

Children will develop map skills and locational knowledge through our Ancient Egypt History topic. Children will also have an opportunity to deepen understanding of land uses (including changes over time) and settlers.

PE – Monday & Tuesday

Knowledge and skills in Physical Education will be developed through Tennis, HI-5 and Dodgeball, Dance & Gymnastics.

Computing

Programming – Variables in games
Internet safety - Online reputation



Pharaohs, mummies & mysteries! Spring 2023

English - We follow schemes of work from The Literacy Company: Pathway to Read, Write and Spell, to deliver our English curriculum. Pupils will develop skills to speak and write fluently to communicate their ideas and emotions. Written tasks will be linked to personal experiences, experiences of others, real events, poetry and the use of role play. This term will focus on:

- Writing: Myths - to create characters (heroes, villains and monsters) and settings. Non-fiction: To write an explanative report (hybrid). Poetry.
- Debate and presentation (speaking and listening)
- Grammar, punctuation and spellings to be integrated throughout and contextualised
- Regular handwriting practise

Through reading in particular, pupils will have a chance to develop culturally, emotionally, intellectually, socially and spiritually. A love of reading is promoted & nurtured through shared and independent reading.

Music

Mrs Salt – Music & Choir on Thursday
Mr Butler – guitar Friday
Mrs Nowotarski - Y5 Violins on Tuesday
Mr Clowes – Percussion Y5 & individual Tuesday

Art & Design & Technology

- Textiles (DT) – Mobile Phone cases
- Art – Sketching and sculptures – canopic Jars

RE

Why is the Torah so important to Jewish people? What can we find out about Jewish communities in the Midlands and further afield? What do Jews believe about God? How do Jews remember their beliefs about God? What is a Sefer Torah? How is it used? Are there particular laws that Jewish people need to follow? What happens during worship at a synagogue?

What difference does the resurrection make to Christians? Children will explore resurrection accounts, and compare their ideas with Sacrifice, Resurrection, Salvation, Incarnation and Hope. They will explore the Christian belief in the Resurrection, how it makes sense and inspires Christians, and how Christians worship on Good Friday and Easter Sunday. Children will offer and justify their own responses as to how people respond to challenges and problems in the world today.

PSHE

This term we will explore the topic of 'Living in the Wider World' using resources from the PSHE Association. This will include topics such as protecting the environment, identifying job interests and aspirations; what influences career choices; workplace stereotypes, influences and attitudes to money; money and financial risks; How information online is targeted; different media types, their role and impact We will use daily news to reflect on current issues in the world which always creates great topical debates and discussions.