

YEAR 5

AUTUMN TERM

This term our topic is 'Our Changing World'. Below is a breakdown of what the children will be learning across the curriculum.

Maths

In maths, we will be focusing on place value, addition, subtraction, multiplication and division. The children will extend their knowledge from year 4 by learning about multiples, factors and prime numbers and extending their work on fractions. Solving multi-step word problems and reasoning questions will also feature heavily this term in order to challenge the children.

Literacy

We begin this term by looking in detail at grammar, particularly word classes and basic punctuation, before we begin our writing units. The children will then be writing a non-chronological report related to our history topic, a letter based on our guided reading book, 'Who Let the Gods Out?' and an explanation text linked to our science topic of Earth and Space.

History

In history, the children will be studying Ancient Greece. We will start the topic by looking at how historians and archaeologists find out about the past and why the study of timelines is important. The children will look at the ancient Greek's beliefs and their gods. They will also learn about the origins of the Olympics, the importance of democracy and the influence that the Greeks had on the modern English language we use today. Children will discover the great Greek thinkers and how they developed our understanding and knowledge of science, mathematics and culture.

Design and Technology

The children will be designing and making gears and pulleys. This unit explores circuits and introduces motors. The children will be investigating an existing product and problem solve how it has been constructed and then design and construct their own unique product.

R.E.

The key question this term is 'Why do people believe God exists?'. Pupils will learn in depth from different religious and non-religious groups about beliefs in God. Pupils will enquire into this key question – debating about the nature and existence of God particularly focussing on Christian ideas. Pupils will consider why people do or don't believe in God and the impact that might have on the way they live their everyday life. This investigation provides an opportunity to discuss Christians, agnostics and atheists.

Computing

In computing, the children will be looking at systems and networks. In this unit, they will develop their understanding of computer systems and how information is transferred between systems and devices - considering small-scale systems as well as large-scale systems. They will explain the input, output, and process aspects of a variety of different real-world systems.

Geography

In geography, the children will be studying the South Aegean and comparing this to our local area. We will be using our atlas skills and also using Google maps to help locate these places and compare them. We will also be looking into tectonic plates and earthquakes as part of our study into the South Aegean.

Science

This half term we will be learning to apply our scientific knowledge and understanding by studying forces. We will be particularly focusing on the different types of forces, inventions using force and the work of Isaac Newton as our chosen scientist. Next half term, our science topic will be Earth and Space, where the children will be learning how the solar system is constructed, explore day and night and the phases of the Moon.

Spanish

In Spanish, we will continue to recall and expand our vocabulary, learning basic phrases in order to hold short conversations. We will be developing our vocabulary into pets and animals and our home.

P.S.H.E

The topic will be health and well-being with the focus on identity. The children will be learning that a number of factors contribute towards a person's identity as well as how stereotypes are not always accurate and can negatively influence behaviours and attitudes towards others. After half-term, the children will be focusing on living in the wider world including making decisions on spending and saving money and how people make choices about paying for things that they want or need.

Art

In art, we will be looking at the elements of art and producing artwork linked to our history and science topics. The children will be using a variety of mediums including; paints, chalks, oil pastels, papier mâché and watercolours.

P.E.

During our outdoor P.E. lessons, our focus is basketball. We will be learning the rules and skills needed to play the game. After half term, we will be moving on to netball. Mr Hawkins will be teaching indoor PE which starts with dodgeball and moves onto fitness.

Music

This term the children will be learning about practising their singing techniques. They will be singing a broad range of songs from an extended repertoire with a sense of ensemble and performance. After half term they will be focusing on a specific genre of music. These lessons will be taught by our specialist music teacher, Mrs Hayes.

General reminders:

- Please ensure that your child has their PE kit in school at all times and that items are clearly labelled. Your child should have their PE top, black shorts, tracksuit and suitable trainers/plimsolls. Please remember that earrings/jewellery should not be worn on PE days.
- If your children attend a sports club before or after school, please ensure they have a separate kit that does not involve their PE kit.
- The children will need their own water bottle to keep in class which they can have access to throughout the day. Please ensure your child's name is clearly written on their water bottle.
- Children may bring a piece of fruit for snack time or buy some from the snack trolley.

Thank you for your continued support.

Mrs Wilkinson, Miss Leyland and Miss McInerney

