

Horton Grange Primary Year 6 Newsletter
Spring 2 - Year 6

Dear Parents and Carers: Next half-term, we have lots of exciting learning opportunities planned for our Year 6 children. We will continue to explore the polar regions in geography and will develop our understanding using a range of sources. Pupils will carry out a study based on climate change and will be encouraged to suggest what can be done to reduce the impact of climate change on the world. Please see below to learn more about what we will be covering across the curriculum.

Maths

Children will be learning about algebra and will be asked to apply their knowledge of the four operations to answer a range of questions. They will explore simple formulae, learn how to use them and will use algebra to express missing number problems. They will then move on to area, perimeter and volume. Pupils will revisit how to calculate the area, perimeter and volume of simple shapes before applying this knowledge to more complex shapes. We will continue to expose the children to a variety of reasoning and test-style problems and will practise mental strategies in our maths lessons.

English

This term, the children will create a newspaper report based on a video as a stimulus. They will focus on the skills associated with writing a great newspaper report. These will include creating an appropriate headline, writing in paragraphs, creating subtitles and using formal language to show what has happened. The children will also work on their editing and drafting skills within the lessons to present their best pieces of writing. We will also be using the text 'Star Outside My Window' as a reading stimulus for story time at the end of the day and for work within our Guided Reading sessions. This will help the children develop their skills around reading which include answering inference questions and locating and defining specific vocabulary.

Remember!

Please encourage your child to complete their Maths and English homework each week. They should be reading their fluency book every day for a week and will also bring home a 'Reading for Enjoyment' book which they can change themselves every day if they wish. Children also have access to 'Bug Club', where the books are pitched at the correct level of challenge for your child. Children will receive a raffle ticket each week, for every time you sign their raving reader, to say that you have heard your child read at home. Each week a raffle ticket is selected to receive a new book from our vending machines!

To support times tables, children should access Times Table Rockstars regularly at home, this will support your child across the Maths curriculum.

Spring 2 in Year 6



Computing

In Computing, the children will be learning about variables through interactive games on the Scratch online platform. They will discover what variables are, explore how they are used in real life to store changing information, and apply this understanding to design, create, and improve their own Scratch games.

PSHE

In PSHE, the children will be exploring the ideas of identity, society, and equality. They will learn what these terms mean and discuss how they can be the best version of themselves as they think about their place in the wider world—especially as they begin preparing for the transition to secondary school.

MFL

We will learn how to read instructions, focusing on healthy recipes in Spanish. We will also learn more about the tradition and festival of Semana Santa, which is a religious celebration in Spain that marks the events leading up to Easter, including processions and special church services in many cities and towns.

Physical Education

This half-term, we will be exploring orienteering and gymnastics. In orienteering, children will learn how to read maps and navigate through different stations around school to find specific locations. They will develop teamwork, problem-solving skills, and spatial awareness. In gymnastics, children will focus on building strength, flexibility and coordination as they practise different movements, balances, and routines on various apparatus.

Please ensure that your child comes to school in their correct PE kit on their PE days. This includes plain black/blue joggers, white polo shirt/T-shirt and black pumps or trainers. Please see school website for more information.

Science

In Science, children will learn about electrical circuits and their components. They will look at the voltage of cells and how this affects the output of a circuit. Pupils will also explore programmable devices, sensors and monitoring and will combine their learning to design and make programmable home devices. Pupils will carry out a scientific investigation to explore how a series circuit works. This will enable them to develop their enquiry skills.

Design Technology

Children will learn about remarkable engineers and their iconic bridges, such as Isambard Kingdom Brunel, John A. Roebling, Thomas Telford, and the team of Sir John Fowler and Sir Benjamin Baker. These engineers revolutionised bridge design with their innovative use of materials and engineering techniques. Pupils will identify key features that make bridges strong, such as the use of steel and suspension cables. They will then put their knowledge into practice by completing a hands-on bridge-building engineering challenge, where they will create their own bridge prototype, applying the concepts they've learned about structural strength and design.

RE

Children will learn about Christianity and what Christians believe about Jesus's death and resurrection. They will explore key teachings, such as the significance of the crucifixion and the belief in the resurrection as a symbol of hope and new life. We will also look at related biblical texts, such as the gospels of John (God's love and eternal life) and Mark (the resurrection). Through this, children will gain a deeper understanding of the central beliefs of Christianity and their importance in the lives of believers.