

Horton Grange Primary Year 5 Newsletter  
Spring 2 in Year 5

Dear Parents and Carers,

We hope your child is ready to have an enjoyable start in Spring 2. To maintain this positivity, please make sure they come into school on time, in full school uniform, with their book bag and a warm, waterproof coat, as the weather has changed. Please ensure pupils wear their PE kit on a Monday and a Wednesday. Reminder that your child should be accessing TTRS, Bug Club, reading, practising their spellings and Third Space Learning as part of their homework. Weekly spellings will continue to be recorded in spelling books for Pupils to practise at home.

### Maths

In this unit, children will continue with fractions B and learn about decimals, percentages, perimeter and area, and statistics. They will start the term by learning how to compare, order, and convert between fractions, decimals, and percentages. They will also work on calculating perimeter and area, developing their understanding of how to measure and find the size of different shapes. Throughout the term, they will focus on developing their fluency to answer multi-step problem-solving questions and breaking down key information in a question to answer problem-solving questions. Pupils will also continue to participate in fortnightly TTRS competitions.

### English

In writing, the children will move on to producing a non-chronological report linked to our geography topic, *Investigating Our World*. They will focus on key grammatical features such as nouns, verb tenses, subordinate clauses, and parenthesis (including the use of dashes, brackets and commas). They will also develop their use of organisational devices, including subheadings, captions and paragraphs, as well as accurate use of apostrophes and the present perfect form. In guided reading, the children will continue to build their comprehension skills, including summarising information from texts. They will identify unfamiliar vocabulary and apply taught strategies to understand meaning. They will also work with a range of question types, including test-style questions.

### Geography

In geography this term, children will build on their map-reading skills by working with Ordnance Survey maps. They will learn how to use six-figure grid references, interpret contour lines, and understand how map grid squares help us locate physical and human features with accuracy. Alongside this, the class will explore global time zones, the Prime Meridian, and Greenwich Mean Time (GMT), developing an understanding of how time differs around the world.

Our learning will also focus on climate zones, vegetation belts, and major biomes, helping children recognise how different environmental regions support different forms of life. In human geography, children will investigate world cities, key landmarks, and the ways transport networks connect people and places. They will also begin to explore sustainable manufacturing processes, considering how human activity can impact the planet and how industries can work more responsibly.

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### Computing

In this unit, children will learn and demonstrate their understanding by representing algorithms. They will use a programme called 'Scratch' and include programming functions to control outcomes by selection. They will build on their knowledge of writing programs and use selection to control outcomes. Also, apply these skills to design an interactive quiz, then implement and refine it as a fully functioning programme.

### PSHE

In Spring 2, children will be looking at mental-health and emotional well-being. Children will learn strategies on how to manage their well-being and emotions.

### MFL

This half term the children are moving onto learning all about the weather and the different seasons.

**Physical Education**

In PE, children will practice teamwork and problem-solving skills as part of orienteering. Children will revisit gymnastics and extend on their learning from Autumn term.

**Music**

In Spring 2, students will develop their rhythmic awareness, listening skills, and compositional confidence through practical activities that support them in building a groove.

**DT**

In DT the children will be exploring seasonality in food. As part of this, the children will learn and develop key food-preparation skills such as dicing, peeling and grating. They will apply these skills to produce a nutritious soup, understanding the benefits of eating seasonal ingredients and how this links to sustainable choices.

**RE**

In RE, the children will explore the big idea 'How and why are Jewish festivals celebrated today?' Children will explore how Jewish people are influenced by years of tradition and faith.