

Curriculum Information

Year 5 Autumn Term 2026



Welcome to our first term in Year 5! I hope you all had a lovely summer break and managed to spend some quality time together!

During this half term, I am looking forward to our Geography unit on Whitby and our residential (23rd-25th September) where the children will be able to experience life in Whitby and both its geography and history. If you have any questions about our trip, do not hesitate to get in touch.

Year 5's PE days this term are Mondays (Swimming) and Thursdays so please ensure that children come in their PE kits on these days and with the appropriate swimming kit on a Monday.

We will continue to communicate class activities and celebrate your child's personal achievements with you via Class Dojo!

Maths

Place Value

- Reading, writing, ordering and rounding numbers up to 7 digits.
- Identifying Roman numerals to 1,000.

Addition and Subtraction

- Adding and subtracting 4 digits including exchanges.
- Inverse operations.
- Finding missing numbers.

Multiplication and Division

- Understanding multiples, factors, squared numbers and cubed numbers.
- Multiplying and dividing by 10, 100 and 1000.

Fractions

- Finding equivalent fractions.
- Converting between improper fractions and mixed numbers.
- Calculating using fractions.

We will continue to use 'Flashback 4' and our 'Daily Drilling' to consolidate and further develop our four operations and previously learned work.

English

Spelling Strategies

- Consolidation of Year 3/4 statutory words.
- Learn spelling rules with words ending in cious, ious, tial and cial.

Spellings will be set on a Tuesday and tested on the following Monday and can be accessed on Spelling Shed.

Grammar and Punctuation

- Using a variety of punctuation for a desired affect.
- Creating descriptions using expanded noun phrases.
- Using fronted adverbials with punctuation.

Writing Text Types

- Spooky Story, Explanation, Poetry, Newspaper report.

Reading

Children will read a range of fiction and non fiction texts to develop their skills in inference and retrieval as well as engaging in their upcoming class texts 'Room 13' by Robert Swindells and 'Hidden Figures' by Margot Shetterly

Science

In Science, Year 5 will be looking at forces where they will explore gravity, air resistance, buoyancy and friction. The children will also look at how using mechanisms such as levers, pulleys and gears can affect force needed.

The children will then go on to their unit on Space where they will learn about the different planets in our solar system and how they move, why we experience night and day and the phases of the moon.

Computing

The children will start the year by looking at computer systems and the different roles they play in our lives. They will look deeper into using different search engines, how they work and how search results are ordered and why.

The children will then move onto video production where they will look at the features of an effective video, videography techniques and how to storyboard and edit their projects.

Geography

Throughout our Whitby topic, children will explore the physical geography of Whitby due to its coastal location as well as the human geography, looking at how the population and land use have changed over time. The children will also have the opportunity to learn about the history of the town whilst on our residential visit as they encounter landmarks such as Whitby Abbey and the Whalebone Arch.

History

In History this term, the children will be learning about women who have changed the world. The children will explore the lives of inspirational women throughout history including the female mathematicians behind NASA's Space Race and the Bronte sisters. This will be enhanced with a visit to the Bronte Parsonage Museum to understand barriers faced by women in the past and today.

Art and Design

This half term, Year 5 will be starting off with Food Technology. They will be tasked with creating healthy soups to support Harden Luncheon Club at the church. The children will learn about the different food groups, cross contamination, common allergens and food hygiene. They will then conduct research into popular foods, design, make and evaluate their dish.

Year 5 will then go on to develop their sculpture skills whilst looking at the Space-themed artwork of Peter Thorpe. They will use papier-mâché to bring his paintings to life and create their own planets.

P.E.

Year 5's PE days are Mondays and Thursdays, please ensure that children wear their PE kits on these days.

On Mondays, the children will be working on a range of strokes and survival skills in their Swimming lessons at Keighley Leisure Centre.

On Thursdays, they will be building their Jiu Jitsu skills and then move onto dodgeball.

R.E.

This half term, Year 5 look at what Hindus believe about God. The children will explore concepts of reincarnation, karma, and giving to those in need through the ideas of 'Sewa' and 'Dana'. They will also explore how Hindus believe in multiple Gods and how God is present in all living things.

PSHE

This half term, Year 5 will think about building good friendships and relationships. They will consider skills such as collaboration, compromise and communication as well as the qualities which make a good friend.

They will then go onto 'Valuing Difference' where the children will celebrate their individuality, consider kind conversations and active listening and think about stereotypes and discrimination.

Music

Year 5 will start the term looking at sea shanties. They will consider the origins of sea shanties as well as creating their own rhythms and arrangements using voices, body percussion and tuned instruments.

After October half term, Year 5 will be learning the recorder! They will learn how to create clear sounds and play different notes on the recorder, all while developing their understanding of reading music and performing confidently.

Home Learning

Reading - We recommend that children read at least 3 times a week for 20 minutes and ask that they are given the opportunity to talk about the text, thinking carefully about what they have read.

Spelling - Spelling challenges are available on SpellingShed each week.

TTRS—Children can practise their times tables and build their fluency using TTRockstars.

If there is anything you would like to discuss in person, please let me know and we can arrange a date and time. If you have any questions please feel free to email me on year5@hardenprimaryacademy.co.uk or catch me at pick up/drop off.

Miss Cotton