

Curriculum Information Year 5

Autumn 2022



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 first half of the autumn term, our topic will focus on Geography and learning all about Whitby — where it is, what is there and how it contrasts to Harden. The biggest part of our topic will be our residential to Whitby: 21st—23rd September. We have lots of exciting activities planned for our visit to enhance our topic.

Our second half term topic will focus on Explorers which will also have a large focus on Geography alongside some research on famous explorers.

Year 5 will be having PE on Mondays and Fridays so please could children come to school in their PE kits on these days. Our art day is Friday, so we ask that you provide your child with an old t-shirt/art shirt to help protect their uniform during these activities.

Maths

Place Value

- Reading, writing, ordering and rounding numbers up to 7 digits
- Identifying negative numbers
- Identifying Roman numerals

Addition and Subtraction

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

Multiplication and Division

- Identify multiples, factors and prime numbers
- Calculate square and cube numbers
- Multiply and divide by 10, 100 or 1,000
- Prime numbers

Fractions

- Finding fractions
- Equivalent fractions
- Converting fractions
- Compare and order
- Add and subtract

We will continue to use 'Flashback Four' and our 'Daily Drilling' to recap, consolidate and further develop our four operations and previously earned work.

The best way to support at home is to follow the Daily Drilling and TTRockstars that has been set

English

Spelling Strategies.

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

Grammar and Punctuation.

- Use capital letters, commas and brackets.

Writing

- To write an adventure story
- To write a spooky story
- To write a poem using repetition
- To write an information leaflet
- To write a narrative poem

Reading

- To read a range of texts including non-fiction texts.
- To be able to skim and scan the text to locate key information.

We will continue to use Spelling Shed to practise and consolidate our spelling of current and previous spelling rules. Spellings will be tested on Monday.

Science

Earth and Space

- Describe the movement of the Earth and other planets, relative to the Sun in the solar system
- Describe the movement of the Moon relative to the Earth
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky

Forces

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

ICT

- **E-Safety:** responsibilities and support online and how to keep safe
- **Coding:** predict what codes will do; run code; trace code; add details and modify; evaluate
- **Spreadsheets:** identifying and using the different tools

Geography

Whitby

- To locate and explain the main features of Whitby harbour
- Compare two different regions of the UK
- Identify physical and human features
- To confidently use maps and atlases

Geography

Explorers

- To locate the main countries in Europe and the Americas
- Locate and label countries, cities, rivers and mountains in the UK
- To confidently use maps and atlases
- Explain climates of given countries of the world

Art/DT

Artist Study—Jenny Urquhart

- Drawing and sketching techniques
- Sketch Whitby Abbey
- Use a variety of techniques to add interesting effects (e.g. reflections and shadows)

Making a Family Meal

- Planning and preparing a family meal
- Using heat on a hob, oven and microwave
- Accurately using all equipment

MFL (Spanish)

(Review Yr4)

Mi familia

- Naming and introducing family

El tiempo

- Describing the weather

PE

- Gymnastics
- Athletics—running, jumping, throwing
- Dance
- Tennis/Badminton

Music

- Getting started with music technology.
- Emotions and musical style.

PSHE

Mental Health

- Identifying different emotions
- Managing feelings and emotions

Managing my Money

- Self organising
- Planning and budgeting

RE

Religions around the World

- Why there are different beliefs about God
- Identify religious beliefs about God and compare these

Homework

Reading - Children are expected to read at home for 10 minutes at least 4 times a week and we would really appreciate it if you could make sure your child's reading book is in school every day. Books will be changed when required.

Spelling – The children have become confident with Spelling Shed, and this will continue, with spelling tests being carried out on a Monday.

Maths – The children have their TT Rockstars login and are encouraged to access this regularly at home to become fluent with their timestables.

If you have any questions please feel free to email me or catch me at pick up/drop off
year5@hardenprimaryacademy.co.uk

Kind regards

Miss Jamieson, Mrs Parker