

Curriculum Information Year 5

Spring 2023



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

Our first topic this term will be Saltaire, where the children will experience a visitor in school to explore the history of Saltaire. The children will also have the opportunity to visit the village for an exciting day trip.

Our second topic will be all about mountains. Our talking topic homework will be to make a representation of a mountain—this can be using lego, craft materials, clay, plasticine etc. When your child has completed their project, they can bring it in to school to show the rest of the class.

Year 5 will be having PE on Tuesdays and Fridays so please could children come to school in their PE kits on these days.

Maths

Fractions

- Equivalent fractions
- Improper fractions and mixed numbers
- Comparing and ordering fractions
- Adding and subtracting fractions
- Multiplying fractions
- Finding fractions of an amount

Multiplication and Division

- Multiplying 2,3 and 4 digits by 1 digit
- Multiplying 2,3 and 4 digits by 2 digits
- Dividing 2,3 and 4 digits by 1 digit
- Dividing using remainders

Decimals and Percentages

- Reading and writing decimals to 3 places
- Rounding decimals
- Comparing fractions, decimals and percentages
- Equivalent fractions, decimals and percentages

Area and Perimeter

- Measure and calculate perimeter
- Calculate the area of rectangles, compound and irregular shapes.

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

Children should be encouraged to practise on TT Rockstars daily at home.

English

Spelling Strategies.

- Homophones
- Adverbs of time
- Suffixes
- Silent letter words
- Words with ie after c
- When ei makes an ee sound.

Grammar and Punctuation.

- Use a variety of punctuation: ", ' , () , ! , ?
- Use modal verbs
- Use a variety of conjunctions
- Use relative clauses to add information

Writing

- To write a biography
- To write a diary recount

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

Changes in Materials

- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.
- Demonstrate that dissolving, mixing and changes of state are reversible changes.
- Explain that some changes result in the formation of new materials and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

Forces

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object

ICT

- **Databases:** search a database and create a database
- **Spreadsheets:** identifying and using the different tools to read and produce a spreadsheet
- **Game Creator:** Create a game environment; design characters and write instructions for their game.

History

Saltaire

- To examine causes of great events in local history and the impact this had on people living there
- Compare life in Saltaire in the past to now

Geography

Mountains

- To confidently use maps and atlases
- To locate and name mountains in the UK and the World
- Identify the features of mountains
- Understand how mountains are made
- To research the climates of mountains

Art/DT

Artist Study—David Hockney

- Collect digital images
- Enhance digital images by editing
- Add sound and video to digital images

Construction

- To use computer software to control a model made out of toys.
- To design their own model which will interact with computer software.

MFL (Spanish)

La Clase

- Naming objects in the classroom

El Transporte

- Describing different modes of transport

PE

Martial Arts

- Learning techniques to keep ourselves safe

Swimming

- Learn to swim 25m in two different strokes

Music

Make You Feel My Love

- To listen and appraise different versions of a song

Old School Hip-hop

- To perform using musical instruments

PSHE

When things go wrong

- about keeping safe online
- that violence within relationships is not acceptable
- about problems that can occur when someone goes missing from home

Stereotypes

- about stereotyping, including gender stereotyping
- about prejudice and discrimination and how this can make people feel

RE

- What values are shown in codes for living?
- Should we forgive others?

Homework

Reading - Children are expected to read at home for 20 minutes at every night and we would really appreciate it if you could make sure your child's reading book is in school every day. Please could you sign your child's reading journal when you have listened to them read. 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 timetables.

If you have any questions please feel free to catch me at drop off/pick up or send an email and we will get back to you year5@hardenprimaryacademy.co.uk

Kind regards

Miss Jamieson and Mrs Parker