

Curriculum Information Year 4

Spring 2024



Happy New Year everyone! I hope you all had a lovely Christmas break. It has been lovely to see all the children again and hear about all the things they've been doing.

This half term we are starting with a history topic all about the Romans, before looking at mapping after the holidays. We will link our history topic with Design and Technology by using mechanisms to make a device that would have helped the Romans in battle.

In science, we will be looking at states of matter and finding out about solids, liquids and gases

Year 4 will continue to have PE on Mondays and Tuesdays, so please can children come in their PE kit on those days.

Maths

Multiplication and division

- Factor pairs
- Multiply by 10 and 100
- Divide by 10 and 100
- Multiply and divide 2 and 3-digit numbers
- Efficient multiplication

Length and perimeter

- Measure in kilometres and metres
- Perimeter of rectilinear shapes
- Find missing lengths of rectilinear shapes
- Calculate the perimeter of rectilinear shapes
- Perimeter of polygons

Fractions

- Mixed numbers and improper fractions
- Convert between mixed numbers and improper fractions
- Equivalent fractions
- Add fractions
- Subtract fractions

Decimals

- Tenths
- Hundredths
- Dividing 1 and 2-digit numbers by 10 and 100

We will also be continuing to practise addition, subtraction, multiplication and division through regular arithmetic practise and daily drilling.

English

Spelling strategies

- Suffixes (-ous, -ious, -eous, -tion, -ssion)
- Challenge words
- 'au' makes an /or/ sound

Grammar and Punctuation

- To consistently use capital letters and full stops
- Using expanded noun phrases to describe characters and settings
- To use subordinating conjunctions with accurate punctuation
- To develop the use of question marks, exclamation marks, commas and apostrophes
- To use inverted commas for speech

Writing

- To write an adventure story
- To write a non chronological report
- To write a recount
- To write a riddle

Reading

- To be able to read a range of texts, including non-fiction
- To retrieve and infer answers from a given text

Science

States of Matter — Solids, Liquids and Gases.

- To compare and group materials according to state of matter.
- Observe that some materials change state when they are heated or cooled.
- Explain the water cycle using key vocabulary.

Sound.

- Identify how sounds are made and that vibrations from sound travels through the air to your ears.
- Find patterns with the pitch and volume of sounds based on their vibrations.
- Recognise that the sound becomes fainter as the distance from the source is further away.

ICT

In ICT, we will be using the purple mash software and covering the following topics:.

Spread sheets - to formulate cells to create spreadsheets for budgeting.

Writing for different audiences - to investigate how best to present writing for a chosen audience.

Don't forget your child has their own log on to access from home so they can share any learning that they particularly enjoyed.

History

Our History topic this half term is The Romans

- Use sources to ask what it was like for people in the past.
- To learn about daily life in Ancient Rome and the impact on Britain.
- Chronology of using a time line to place events.

Geography

Mapping

- Locate countries and major cities around the world.
- To identify major geographical features from around the world and locate on a world map.
- Field Skills—to use maps, atlases, globes and digital mapping to locate places.

Art/DT

Construction

Research, design, construct and evaluate a mechanism that would help Romans in battle.

MFL (Spanish)

- To recap the names for colours, shapes, numbers and animals.
- To be able to say different greetings.
- To be able to answer simple questions about your family in Spanish.
- To be able to use short phrases.
- To follow a short story.
- To recognise adjectives in a sentence.

PE

In PE, the children will be developing their skills in two areas:

Gymnastics—Physical: individual and partner balances, rotation jumps, straight roll, barrel roll, forward roll, straddle roll, bridge, shoulder stand. Social: work safely, determination, collaboration, communication, respect. Emotional: confidence, perseverance.

Basket Ball-Physical: run, jump, throw, catch, dribble, shoot. Social: working safely, collaboration, support and encourage others. Emotional: honesty, determination, perseverance. Thinking: exploration, identify areas of strength and areas for development, decision making, use tactics, reflection

Music

The Doot Doot Song

Sing swung rhythms lightly and accurately.

Sing Part 2 of a partner song rhythmically. Adopt a rhythmic accompaniment while singing.

‘Doodle’ with voices over the chords in the song.

Learn a part on tuned percussion and play as part of a whole-class performance.

Listen and identify similarities and differences between acoustic guitar styles.

PSHE

Why is it important to me?

Pupils will learn why people may eat or avoid certain foods (religious, moral, cultural or health reasons).

Playing safe

Pupils learn how to be safe in their computer gaming habits. Pupils learn about keeping safe near roads, rail, water, building sites and around fireworks.

Pupils learn about what to do in an emergency and basic emergency first aid procedures.

RE

Describe and explain key teachings of Islam and the different ways these are interpreted by believers;

Describe and show understanding of how Muslim beliefs impact in a variety of ways on the life and decisions of believers;

Explain how the pilgrimage of Hajj can affect a Muslims life.

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 sign you child’s reading record and that your child’s reading book and reading record are in school every day. Books will be changed when required.

Spelling – The children will be sent home with their spellings on a Tuesday and will be tested the following Monday. They have all got a Spelling Shed login and will be able to use this at home to support their spelling practise.

Maths – The children have their Numbots and TT Rockstars login and are encouraged to access this regularly at home.

If you have any questions please feel free to leave a message with the office and we will get back to you or contact us via email at year4@hardenprimaryacademy.co.uk

Kind regards,
Miss Jamieson