

Curriculum Overview Year 5

Autumn 2024

English

Reading

Draw inferences (characters feelings, thoughts and motives); justify with evidence
Predict from details stated and implied
Summarise main ideas, identifying key details
Identify how language, structure and presentation contribute to meaning
Evaluate author's language choice
Distinguish between fact and opinion
Participate in discussion about books
Explain and discuss understanding of reading
Provide reasoned justifications for views

Writing

Identify the audience and purpose of writing
Note and develop initial ideas, drawing on reading and research
Enhance meaning through selecting appropriate grammar and vocabulary
Describe settings, characters and atmosphere
Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
Proof-read for spelling and punctuation errors

Spelling Rules

Adding the suffix -ly
Adding prefixes inter-, anti-, sub-
Differences in spelling words using 'ei', 'ey', 'ay' and 'eigh'
Adding the suffix -ous
Spelling words using 'sc'
Making verbs into nouns adding 'ion'
Adding prefixes dis-, il-, im-, in-, un-
Spelling words with 'qu' and 'gue'
Words ending in 'cial' and 'tial'

Speaking and listening

Articulate and justify answers
Give well-structured descriptions, explanations and narratives
Use Standard English
Participate in discussions, presentations, performances, role play, improvisations and debates
Gain, maintain and monitor the interest of the listener(s)
Consider and evaluate different viewpoints

Maths

Number: Place Value

Read, write and order and compare numbers to at least 1,000,000 and determine the value of each digit
Count forwards and backwards in steps of powers of 10 for any given number up to 1,000,000
Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0
Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000
Solve number problems and practical problems that involve all of the above
Read Roman numerals t 1,000 (M) and recognise years written in Roman numerals

Addition and Subtraction

Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
Add and subtract numbers mentally with increasingly large numbers
Use rounding to check answers to calculation and determine, in the context of a problem, levels of accuracy
Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

Multiplication and Division

Identify multiples and factors, including finding all factor pairs of a number and common factors of 2 numbers
Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers
Establish whether a number up to 100 is prime and recall prime numbers up to 19
Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)
Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes
Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
Convert between different units of metric measure (e.g. kilometre and metre, centimetre and metre etc.)
Multiply and divide numbers mentally, drawing upon known facts
Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

Curriculum Focus International and World

Our topic this term focuses on our local area and our town of Widnes.

Geography

Map daily mile starting from school.
Discuss some of the geographical features up to two miles away from school and what we would reach.
Look at historic maps and how land use around school has changed.
Create maps of school using Ordnance survey symbols.
Locate Widnes/UK on maps describing areas.
Explore how long has their street or road has been around.
Use own postcode and zoom in to find house.
Search for different places in Halton using 6 figure grid references.
Create reports to show how Widnes has changed over time; link to streets and landmarks in particular.

History

Use photographs and artefacts to discover how the school grounds have changed over the years.
Explore how St Michael's Road has changed over time.
Explore history of St Michael's Church
Explore the lives of local people that street names are named after.
Place features of historical events and people from the past societies and periods in a chronological framework.

Art

In art this term we will be leaning about the artist Friedensreich Hundertwasser.

Music

We will be continuing with our guitar lessons on a Tuesday.

Religious Education

Topics this term are ourselves, life choices and hope. In these topics we will learn about ourselves being made in the image and likeness of God, marriage, and about waiting in hope for the coming of Jesus. We will also have two other faiths and religions focus weeks where we will study Judaism and Hinduism

PSHE

Begin to recognise their own and other people's personality traits, individual preferences and characteristics.
Value themselves and others.
Set high aspirations and goals to help me develop.
Describe some of the different beliefs and values in society, and can demonstrate respect and tolerance towards people different from themselves.
Recognise the importance of skill and how different people bring this to tasks
Suggest how they would deal with difficult situations
Identify characteristics of passive, aggressive and assertive behaviours and rehearse assertiveness skills.
Explore and discuss different types of relationships.
Identify how people change and grow and what makes us special.
Understand and explain the physical and emotional changes that take place as girls and boys go through puberty.
Identify how people change and grow and what makes us special
Explain how a baby develops in the womb during pregnancy

Science

Animals including humans

Describe changes as humans develop to old age.
Research the gestation periods of other animals and compare them with humans.
Create time graphs to show gestation periods.
Present information using tables.
Learn about puberty.

Properties and changes in materials

- Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. Look at everyday materials, including metals, wood, and plastic.
- Research the work of Sir Robert Mond and William Gossage.

DT

In DT this term we will be focussing on food technology and exploring nutrition. We will be looking at foods from different cultures. We will be designing and making some of these dishes and evaluating nutrition.

Computing

Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.
Create and search a data base; collect, explore and record data.
Change variables using what if questions and create graphs and charts.

Physical Education

Netball

Develop passing and moving and use space appropriately.
Apply rules to game situations and begin to play competitively.
Begin to know positions of attacking and defending.

Martial Arts

Develop skills of respect, discipline, teamwork and self-defence.

Develop confidence and raise level of fitness.

Hockey

Dribble, pass, receive and shoot the ball with some control under pressure.
Understand the rules of the game.
Understand there are different skills for different situations.

MFL (Spanish)

Some topics that we will cover in Spanish this term:

- Talking about ourselves
- Exploring a map of Spain
- School subjects and opinions of them
- Using conjunctions to extend sentences
- Buildings and places of interest
- Simple directions
- Numbers 0-50
- Commands
- Christmas in Spain

Parent Information

PE days this half term are Thursday and Friday.

Key Dates

Please see the [Parent Diary Dates](#) issued with this overview

Teacher's message

We are extremely looking forward to the year ahead. Both of us have moved from Year 6 so have a clear knowledge on the progression of UKS2, in preparation for end of primary assessments. We are so excited to be your teachers in Year 5 and know that we will have a year of engaging learning and lots of fun. This year, we are lucky enough to have Miss Wiggins working with us in Year 5 supporting the children.

- Reading books will be given each night the children will be expected to read for 10 minutes and to have their books signed by an adult.
- Homework will be given out each Wednesday and should be returned the following Wednesday.
- Spellings will be sent out each week and will be tested the following week.

It is really important that our homework is completed every week as this consolidates class learning.

If you have any questions or concerns, please do not hesitate to contact us.
Thank you for your continued support.

Miss Barrow, Mrs Ingran and Miss Wiggins.