



ST John's Highbury Vale Curriculum Newsletter

Year 5

Summer Term (1) 2022

Mathematics (Summer Term)

The number system: Read, write, order and compare numbers with up to three decimal places. Read and write decimal numbers as fractions e.g. $0.71 = \frac{71}{100}$
Solve problems which require knowing decimal and percentage equivalence.
Solve problems involving numbers up to three decimal places.

Calculating: all operations

Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.
Solve two-step problems using all operations in contexts, deciding which operations and methods to use and why.
Use all 4 operations to solve problems involving measure

Geometry: Position & Direction

Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.
Draw given angles and measure them in degrees.
Identify angles at a point and one whole turn; angles at a point on a straight line and a $\frac{1}{2}$ turn; other multiples of 90o
Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language.

Fractions: Add and subtract fractions with the same denominator and denominators that are multiples of the same number.
Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

Calculating: Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
Statistics: Solve comparison, sum and difference problems using information presented in a line graph. Complete, read and interpret information in tables (and graphs)

Some helpful websites:

All aspects of maths: [Prodigy](#): [BBC Bitesize Maths](#) [Maths Frame](#)
For parents: [Maths At Home](#) [The School Run](#) Multiplication tables: [TT Rockstars](#) [Top Marks](#)
Problem solving & Reasoning: [NRICH](#) Games: [Cool Maths Games](#) [Maths Playground](#)

SMSC: problem solving developing perseverance

Writing (Summer Term)

This half term, our English lessons will be focused on 'Wolf Brother' by Michelle Paver is an exciting adventure set 6,000 years ago during the time of the hunter gatherers. Torak, of wolf clan is the main character. His father's death, at the hands of a gigantic bear inhabited by an evil spirit, triggers Torak's quest - to save the forest from destruction. His loyal guide is a wolf cub and the story is told from both human and animal perspectives. There are strong themes in this story, including bravery, loyalty and a deep respect for the forest and its inhabitants.



Our poetry focus of this half term is 'The Highwayman' by William Blake.

- Draft and write by organising paragraphs around a theme: in narratives, character descriptions, storyboards, write in the role of a character play script and storytelling.
- Proof-read for spelling and punctuation errors
- Choose nouns or pronouns appropriately for clarity and cohesion and to avoid repetition
- Use brackets, dashes and parenthesis
- Use and punctuating direct speech
- Use relative clauses
- Use expanded noun phrases
- Use standard English forms for verb inflections instead of local spoken forms
- Draft and write by organising paragraphs around a theme: in narratives, creating settings, characters and plot
- Proof-read for spelling and punctuation errors
- Choose nouns or pronouns appropriately for clarity and cohesion and to avoid repetition
- Use fronted adverbials with commas
- Indicate possession by using the possessive apostrophe with plural nouns
- Use and punctuating direct speech
- Use pre-fixes and suffixes
- Use bullet points
- Use standard English forms for verb inflections instead of local spoken forms

Children will: Children will write an extensive character description, write in the role of a character (diary entry), and create a storyboard, an eye witness account and a poster.

SMSC Links: understanding and appreciation of the wide range of cultural influences that have shaped their own heritage and that of others.

Some helpful websites:

[Every School](#) [BBC Bitesize](#) [Super Sentence Stacking](#) [Pobble365](#)

Spelling: [Spelling Frame](#) [Sir Linkalot](#) [Oxford Owl](#)

Reading (Summer Term)

As well as practising their reading fluency and spoken expression, the children will learn the following key reading skills:

- Maintain and gage interest in books
- continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- reading books that are structured in different ways and reading for a range of purposes
- increasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions
- recommending books that they have read to their peers, giving reasons for their choices
- predicting what might happen from details stated and implied
- checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context asking questions to improve their understanding
- discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- retrieve, record and present information from non-fiction
- Inference about characters thoughts and feelings

Here are some **suggested websites** with free access to quality fiction and non-fiction texts that can be read and heard:

[Authorfy](#) [David Walliams' Elevensies](#) [Oxford Owl](#)

Comprehension: [Read Theory](#) [BBC Bitesize](#)

SMSC Links: explore and engage with the feelings and values found in a wide range of genre.

Religious Education

Our topic this term will be 'What does it mean to be a Sikh?' and will focus on the teachings and core beliefs that govern the Sikh faith. We will consider the role of the Gurdwara and the Guru Granth Sahib in a Sikh's life and the fundamental belief's that underpin the Sikh faith.

SMSC: understanding and appreciation of the range of different cultures within school and further afield as an essential element of their preparation for life in modern Britain.

This terms Christian Value is 'Love'.

Useful website: [BBC Bitesize](#)
<https://www.bbc.co.uk/bitesize/topics/zsjpyrd/articles/zkjpkmn>

Computing:

This term children will explore communicating and collective computing.. Children will learn to understand the importance of using communication:

- IT- Communication & Collaboration
- Application of Skills – Dragons Den – Plan, Collaborate and Present

SMSC Links: use of imagination and creativity in their learning. <https://www.bbc.co.uk/bitesize/subjects/zvnrq6f>
[Safety Net Kids](#) [Safer Internet](#)

Music

Tuesday and Wednesday afternoons will children will have their music lessons. . Alongside learning to play the Flute this academic year.

Children will be:

- Singing**
Perform a range of songs in school assemblies
- Listening**
Musical Traditions
- Composing**
Working in pairs, compose a short ternary piece
- Performing**
Perform simple, chordal accompaniments to familiar songs
- Pitch Notation**
Read and perform pitch notation within an octave

Please ensure children have their flute every Wednesday. Children should practice playing the flue at home, twice weekly.

SMSC Links: support spiritual development by encouraging through the experience and emotion of responding to performing, listening and composing music.

Physical Education (MONDAY and FRIDAYS)

Our physical curriculum will focus on teamwork, combining controlled movements, developing our accuracy and developing tactical awareness. Our main focus will be as follows:

- **OAA**
Learn to navigate using a map. Teamwork, trust and problem solve

- **Tennis**
Develop racket skills

Swimming Two week intensive afternoon course beginning Tuesday 3rd May 2022

P.E will take place on Monday and Friday.

Some suggested websites to help you keep fit:
[Joe Wicks' Daily PE lesson](#) [Cosmic Kids Yoga](#)

SMSC Links: willingness to participate in and respond positively to sporting opportunities.

PSHE

Children will be exploring 'Relationships' this half term. **They will learn about making informed choices and decisions about the following:**

- Recognising Me
- Safety with Online Community
- Being in an Online Community
- Online Gaming
- My Relationship with Technology
- Screen time
- Relationships and technology

SMSC Links: understanding of the consequences of their behaviour and actions.

French

Children will continue to have French lessons with Judy on Wednesday afternoons.
The focus will be:

- Seasonal Colours
- Conscience Alley
- Scene de Plage

SMSC Links: understanding and appreciation of the range of different cultures within school and further afield as an essential element of their preparation for life in modern Britain.

Art

Children will explore the creating clay tiles and looking at the artist Henri Rousseau.

SMSC Links: Engagement in and developing an appreciation for artistic opportunities.

Science

Throughout the year, children have been developing their 'Working Scientifically' skills, including data recording, analysing, planning, measuring and making predictions.

The children will be learning about "Properties and Materials"

Children will:
- compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity and response to magnets

-know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution

--use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating

-give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic

-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 soda

SMSC Links: enjoyment and fascination in learning about themselves, others and the world around them.

Some helpful websites: [BBC Bitesize](#) [The School Run](#) [Crickweb](#) [Woodlands](#)