

Autumn Curriculum Overview – Year 6

3rd November to 19th December

Reading

This term, we will be reading a range of non-fiction texts linked to our history unit: WW1.

Your child will develop the following curriculum skills through the focus texts:

- Give and explain the meaning of words in context.
- Retrieve and record information and identify key details from fiction and non-fiction.
- Summarise main ideas from more than one paragraph.
- Make inferences from the text, explain and justify inferences with evidence from the text.
- Predict what might happen from details stated and implied.
- Identify and explain how information and narrative content is related and contributes to meaning as a whole.
- Make comparisons within the text.



Writing (including grammar, punctuation and spelling):

Children will be given the opportunity to write for a range of audiences and purposes. They will use punctuation, grammar and vocabulary effectively to create a newspaper report, an iambic pentameter poem and a narrative.

Maths

Calculation Problems

- Find pairs of numbers that satisfy an equation with two unknowns.
- Enumerate possibilities of combinations of two variables.
- Use knowledge of the order of operations to carry out calculations involving the four operations.
- Generate and describe linear number sequences.
- Express missing number problems algebraically.
- Solve problems involving addition, subtraction, multiplication and division.

Fractions and Decimals

- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.
- Compare and order fractions, including fractions > 1 .
- Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, $\frac{3}{8}$].
- Recall and use equivalences between simple fractions and decimals, including in different contexts.
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- Generate and describe linear number sequences (with fractions).
- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.
- Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $\frac{1}{2} \times \frac{12}{1} = \frac{12}{2} = 6$].
- Divide proper fractions by whole numbers [for example, $\frac{13}{2} \div 2 = \frac{13}{4}$].

- Recall and use equivalences between simple fractions and decimals, including in different context.

Preparation for KS2 SATs Assessments

Each half term, children will continue to reinforce their arithmetic and problem-solving skills daily.

Science

Changing Circuits

- What components are used to make electricity flow in a circuit?
- What circuit symbols are required for simple circuits?
- What is voltage and how can we change this in a circuit?
- How does voltage effect the brightness of a bulb?
- How does the number of components effect a buzzer in a circuit?
- How is a switch used in a simple circuit?



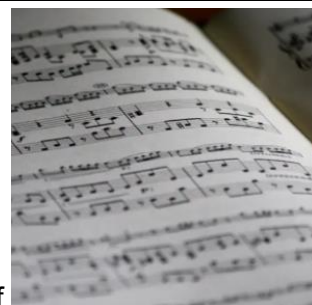
Disciplinary Knowledge

- **Using Scientific Evidence:** I can justify and evaluate my own and other people's scientific ideas related to topic sin the national curriculum, including ideas that have changed over time, using evidence from a range of sources.
- **Reporting on Findings:** I can use results to draw more complex conclusions, make predictions for new values and suggest improvements and raise further questions.
- **Using Scientific Equipment:** I can make my own decisions and select the most appropriate type of scientific enquiry to use and recognise how to set up a comparative and fair test.

Music

Theme and Variation: Pop Art

- Explore musical concept of theme and variations.
- Compare and contrast different variations in the piece of The Young Person's Guide to Orchestra.
- Use complex rhythms to be able to perform a theme.
- Play specific rhythms in $\frac{3}{4}$ time.
- Use music notation to create visual representations of rhythms.



French

This half term the children will learn about:

- Identify the important landmarks in Paris.
- To be able to give directions.
- Revise and consolidate how to give and understand directions to a place or landmark.
- Pronounce the sounds OU and U.
- Make sentences about a city by asking directions in French.
- Learn about Christmas markets in France.



PE

Parkour

- Develop control, extension and technique in transitional moves.
- Develop landings and rolling to connect moves and for safety.
- Combine obstacles in a flow and develop jumping to gain elevation.
- Demonstrate agility, control and decision making.

Dance

- Copy and repeat a dance phrase showing confidence in movements.
- develop a dance phrase using actions, dynamics, space and relationships.
- use choreographic devices to improve the aesthetics of a performance.
- use feedback to develop and refine a dance performance.

RE

Hinduism

- How do Hindus understand Brahman as ultimate reality or God?
- What is the role of deities in Hindu Dharma and why is the Trimurti important?
- Why is puja important in daily life?
- How can murti be used in puja?
- How is the dharma different for Hindus and how can fulfilling it lead to good karma?
- What does samsara, moksha and karma mean to different Hindus?

Humanities

World War One

Key Questions

- What were the **consequences** of the pre-war alliance system in 1914 Europe?
- What **significance** does the First World War still have upon British society?
- What **evidence** is there that the British government was worried about the size of its standing army in 1914?
- How were the trenches used by the German army **different** to the trenches used by the British army?



Substantive Knowledge

- Monarchy and Government: Leaders can influence the attitudes of their people through propaganda.

- Invasion: The threat of invasion can have an impact upon a government's behaviour.

Disciplinary Knowledge

- Chronological Understanding: establish clear narratives within and across periods, and at local, national and world level.
- Chronological Understanding: start to use different levels of precision in dating events and explain why that may be appropriate
- Using Sources: thoughtfully select, organise, and use relevant information from a range of sources to inform responses, justify their opinions.
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- Identify Contrasts and Trends: compare and contrast cultures, analysing their and others' comparisons, extrapolating from them justifying their ideas with evidence.



PSHE

Drugs and Alcohol

- Understanding the difference between legal and illegal drugs.
- What are drugs and what are the related risks?
- Why do some people take illegal drugs?
- What are the dangers of cigarettes and smoking?
- What are the dangers of alcohol consumption?

Design and Technology

Materials and Fabrics: Haversacks

- Understand why different materials are used dependant on purpose.
- Produce detailed lists of equipment and fabric relevant to a task.
- Develop, model and communicate ideas through talking and templates.
- Create a haversack based on a plan.
- Evaluate a final product.

