



Curriculum Overview

Core

English

Topics: Culture Poetry + Travel Writing

- **Texts are constructs:** Demonstrate a detailed understanding of the similarities and differences between poems drawing on a wide and varied range of textual references.
- **Texts make use of patterns, all of which conveyed through language and structure:**
To be able to analyse how poetic methods interact across a whole text to inform interpretations.
To be able to identify and apply how the following shape meaning: colloquialism, irony, understatement, monosyllabic.
- **Texts are informed through contexts in which they are written:** Offer a sustained and detached critical overview and judgement about intercultural relationships within a poem.
- **Every text is an argument- texts can influence us:**
Sentence 1: Construct personal viewpoints in the form of thesis statements.
Sentence 2: Focus on the effects of the whole text and controlling ideas.
Sentence 3: Use the thesis statement to create topic sentences.
Sentence 4: Select and embed relevant textual detail.
Sentence 5: Analyse writer’s use of language, structure and form.
Sentence 6: Evaluate writer’s intent.
Sentence 7: Compare texts in relation to literary concepts, ideas and methods.
Sentence 8: Linking to context.
- **Readers construct meaning as they read (Reciprocal Reading)** Summarise, question, clarify and predict how the poems offer a Freedom of cultural expression and positive inter-cultural relationships
- **Grammar for Writing:** Write for the correct purpose, audience and form.
- Apply a range of techniques for reader engagement and cohesion: Nouns, Verbs, Adjectives, Adverbs, Coordinating Conjunctions, subordinate clauses, Prepositional phrases, Relative clauses, Semi colons, Colons.

Mathematics

Foundation Mathematics Topics

Algebra:

- Graphs - Plot Vertical and Horizontal Lines
- Plot $y = mx + c$ Gradients
- Solve 1 and 2 Step Equations
- Index Rules for Multiply, Divide and Brackets
- Represent Inequalities on a Number Line
- Solving 1 Step Inequalities

Probability:

- Complete 2 Way Tables and Find Probability
- Complete a Venn Diagram and Find Probability
- Complete Frequency Trees - Find Probability

Higher Mathematics Topics

Algebra:

- Graphs - Plot Vertical and Horizontal Lines
- Plot $y = mx + c$ (both Gradients)
- Find Gradient and y Intercept from a Graph
- Plot Quadratics using a Table of Values
- Plot Cubic graphs using a Table of Values
- Solve 1 and 2 Step Equations (inc. Brackets & Fractions)
- Solve Equations with Unknowns on Both Sides
- Plotting to Solve Simultaneous Equations
- Represent Inequalities on Number Lines
- Solve 1 and 2 Step Inequalities
- Solve Inequalities with Unknown Both Sides

Data:

- Find averages from a list, table and grouped data
- Find a Stratified Sample
- Draw & Interpret Line Graphs & Frequency Polygons
- Plot and Interpret a Scatter Graph
- Plot and Interpret a Stem and Leaf
- Drawing and interpreting Pie Charts
- Draw & Interpret SDT Graphs

<p>Science Biology Chemistry Physics</p>	<p>B3 Organisation & digestion</p> <ul style="list-style-type: none"> Name the main compounds found in foods and explain the purpose of their digestion. Explain enzyme action using the lock and key theory. Explain factors that affect enzyme action. Use Benedict's, Biuret and Iodine solutions to test for sugar, protein and starch in foods. Investigate the effect of pH of the rate of a reaction catalysed by amylase. Required practical: Food Tests and Effect of pH on the rate of an enzyme catalysed reaction <p>8K Energy transfers</p> <ul style="list-style-type: none"> Explain the difference between heat & temperature Describe heat transfers in solids Describe heat transfers in fluids Calculate efficiencies for devices using data Calculate payback times using data
<p>History</p>	<p>How did the Second World War affect the lives of people globally? 1939-45</p> <p>The Treaty of Versailles, the League of Nations in the 1930s, Adolf Hitler and the Rise of the Nazi Party, life in Nazi Germany, Blitzkrieg, Dunkirk and the Battle of Britain, Life during the war, evacuation of children, the war in Russia and the Pacific, the Holocaust, the dropping of the Atomic Bomb.</p> <ul style="list-style-type: none"> Identify causes of World War Two- Appeasement, Treaty of Versailles, Adolf Hitler and the rise of Nazism Compare differences in warfare between WW1 & WW2 Identify Anti-Semitism as a concept Describe different experiences of the Holocaust- pre- war life, ghettos, concentration camps, final solution Explain the impact of the dropping of the Atomic Bomb
<p>Geography</p>	<p>How does Ice shape the world?</p> <ul style="list-style-type: none"> How ice changes the world. How erosion and transportation create glacial landforms. How to identify glacial landforms on OS maps. How the distribution of ice around the world changes through time. <p>Learners will know:</p> <ul style="list-style-type: none"> The physical processes how glaciers are formed. The landscapes that are formed by glaciers. How we manage the risks posed by climate change?
<p>French</p>	<p>9.5 Life when Younger</p> <ul style="list-style-type: none"> Introduction to the imperfect tense with regular and irregular verbs. Use of 'quand j'étais petit/e' to discuss past lifestyles. Retrieval of the comparative to compare healthy lifestyles. <p>9.6 Disastrous Holidays</p> <ul style="list-style-type: none"> Introduction to reflexive verbs, to discuss what we do on holiday. Reflexive verbs in the past tense, to discuss a past holiday. Use of the perfect tense using both 'avoir' and 'être'. Discussion of French speaking holiday destinations
<p>Spanish</p>	<p>9.5 Life when Younger</p> <ul style="list-style-type: none"> Introduction to the imperfect tense with regular and irregular verbs. Use of 'cuando era más joven' to discuss past lifestyles. Retrieval of the comparative to compare healthy lifestyles. <p>9.6 Disastrous Holidays</p> <ul style="list-style-type: none"> Introduction to reflexive verbs, to discuss what we do on holiday. Reflexive verbs in the past tense, to discuss a past holiday. Use of the perfect tense using both 'tener' and 'ser'. Discussion of Spanish speaking holiday destinations

Technical

Philosophy and Ethics

How Valuable is Human Life?

- The origins of human life – the Creation Story in the Bible.
- Why Christians believe humans are special (made in the image of God, only being with a soul) and what our purpose to life is.
- What our human rights are, and which ones the learners think are most important for life in the UK when considering this topic.
- How religious rights link into human rights.
- The different causes of crime – including greed, poverty, and upbringing.
- The aims and theories of punishment – considering which form of punishment is most effective, including deterrence, retribution, reform, and protection.
- Arguments for and against capital punishment from Muslim, Christian & non-religious viewpoints

Design Technology
Food
Textiles
Resistant Materials

During this period Year 9 learners will cover a wide range of topics in Design technology, including:

- Types of drawing – Orthographic Projection, Isometric, and Oblique
- Use of cutting and shaping tools and equipment – Disc sander, bobbin sander, and fret saw
- Evaluation of design ideas using a design specification
- Further techniques using tools and equipment within the workshop, including coping saw, tenon saw, bench hook, pillar drill, abrasive paper and try square.
- Wood joining techniques, focussing on sliding dowel joints.
- Identification of different sources of bacterial contamination and the main types of bacteria that cause food poisoning and its symptoms.
- Healthy eating – The importance of following the current recommendations for following a healthy diet and the factors that affect food choice.
- International cuisines and the different characteristics of different countries distinctive ingredients and cooking methods.
- The traditional Japanese resist dyeing method of shibori, using “mechanical” stitch resist techniques and natural indigo dye.
- Silk painting using the “Serti” technique. This is a “chemical” resist process using gutta to create a barrier between different coloured areas of a design.
- The “Fabric manipulation” technique of Fabric Slashing or “Faux Chenille”.

Computer Science

9.2 Computer Systems
How does a computer carry out the operations that we ask it do?
Students will learn how a computer functions through the use of Boolean Logic and binary.

Performance

Art

Identity:
Landscapes. Exploring how the genre of landscapes can be used to express different ideas about identity and sense of place.
Tasks include;

- Green landscape (expressive drawing)
- Architectural Illustration (illustrative drawing)

This half term learners will explore how different materials can bring different qualities to their artwork. We will be studying the work of key artists in order to refine and develop skills to a higher level.

Drama

Develop Skills and Techniques in the Performing Arts.
Apply skills and techniques in rehearsal and performance.
Movement (Proxemics, Marking the moment, physical theatre and slow motion)

- Voice (narration as characters, volume and projection, accent and dialect, applying voice to a character)
- Characterisation (contrasting characters, rhythm for characters, naturalistic/non-naturalistic techniques)
- Stagecraft (use of props – minimalist and multi-use, use of form – abstract and naturalism)

<p>Music</p>	<p>Keyboard Skills Learners will develop their keyboard skills and knowledge of harmony through the performance of a variety of pieces.</p>
<p>Physical Education</p>	<p>Competing Against Yourself Learners will understand the meaning of term persistence and to improve individual persistence</p> <p>Self-Determination Theory – Part 2 Learners will understand and experience the power of autonomy, competence, and flow to individual motivations in line with the self-determination theory.</p> <p>Rising to the Challenge Learners will understand the term self-motivation and focus on improving individual self-motivation through a range of challenging activities.</p> <p>Co-operation & Competition Learners will understand the positive impact of balancing competition with cooperation</p>