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Year 8 Curriculum Overview 2025-26

HT	Maths	English	Science	History	Music
1	**The Key Topics that will be covered in this half term will be…** **a)** Ratio **b)** Multiplicative reasoning & Scales **c)** Multiplying & Dividing Fractions **Where to find the key knowledge on the topics…** **Sparx Maths Login** **a) SPARX VIDEOS - M885, M801, M267, M525, M543** Securing understanding of ratio as a multiplicative relationship Ratio language and notation Dividing a quantity into a given ratio Expressing multiplicative relationships as ratios and fractions **8X1 -** Multiplicative relationships in circles **b)SPARX VIDEOS - M478, M448, U610, M112, M377** Scaling diagrams for multiplicative relationships Direct proportion in context Graphing direct proportion Describing exchange rates with	**The Key Topics that will be covered in this half term will be…** **Great Expectations** **Where to find the key knowledge on the topics…** - Extended metaphors here - Motif Great Expectations by … - Irony here - Narrative voice Literary Techniques in … - Narrative- Great Expectations Vid… - Characterisation- Great Expectations Ke… - Analysing writers' use of language, structure & from Here What Are The Main Lite… - Historical: 18th century Contextual Analysis of …	**The Key Topics that will be covered in this half term will be…** **a)** Acids and Alkalis **b)** Food and Nutrition **Where to find the key knowledge on the topics…** Acids and alkalis Nutrition and health	**The Key Topics that will be covered in this half term will be…** **The British Empire -** How similar were the experiences of Australians and Indians under British Rule? **Where to find the key knowledge on the topics…** The British Empire - an Overview British Colonialism in India Aboriginal Children - Stolen Generation	**The Key Topics that will be covered in this half term will be…** **Rhythm and Texture** **Where to find the key knowledge on the topics…** Rhythm & Metre - misswardmusic.com Tempo, Metre and Rhythm: Music Quiz | Revision World What are timbre and texture? - BBC Bitesize

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	ratio Checking understanding of similarity Similarity in shapes **c) SPARX VIDEOS - M671, M601, M157, M110** Checking understanding of multiplication with fractions Securing understanding of multiplication with fractions Dividing a whole number by a fraction Dividing a fraction by a fraction				
HT	**Maths**	**English**	**Science**	**History**	**Music**
2	**The Key Topics that will be covered in this half term will be…** **a)** Working in the Cartesian Plane (Coordinates & straight line graphs) **b)** Scatter Graphs **c)** Representing Data in Frequency Tables **d)** Probability **Where to find the key knowledge on the topics…** **Sparx Maths Login** **a) SPARX VIDEOS - Q761, M797, M932, M888** Plotting and Reading Coordinates	**The Key Topics that will be covered in this half term will be…** **Great Expectations** **Where to find the key knowledge on the topics…** - Extended metaphors here - Motif Great Expectations by … - Irony here - Narrative voice Literary Techniques in … - Narrative- Great Expectations Vid… - Characterisation- Great Expectations Ke…	**The Key Topics that will be covered in this half term will be…** **a)** Food and nutrition cont. **b)** Periodic table **c)** Energy transfers **Where to find the key knowledge on the topics…** Nutrition and health Periodic table Energy stores and energy transfers	**The Key Topics that will be covered in this half term will be…** **The Industrial Revolution** - How did Britain change between 1750-1900 **Where to find the key knowledge on the topics…** The Industrial Revolution	**The Key Topics that will be covered in this half term will be…** **Chair Drumming** **Where to find the key knowledge on the topics…** Learn The Drum Notes – 8 Easy Exercises For Beginners 🥁 How can we perform drum patterns in popular music? KS3 | Y7 Music Lesson Resources | Oak National Academy

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	Horizontal and Vertical Graphs Generating Coordinates from a Rule Plotting straight Line Graphs **b) SPARX VIDEOS - M769, M596** Constructing Scatter Graphs Interpreting Scatter Graphs **c) SPARX VIDEOS - M899, M441, M127, M328, M934, M841, M940** Calculating the Mean Calculating the Median Calculating the Mode Understanding and Calculating the Range Comparing Frequency Tables Calculating Averages from Frequency Tables **8X1 -** Calculating the Mean from a Grouped Frequency Table **d) SPARX VIDEOS - M718, M829, M419, M834, M899** The Probability Scale Two Way Tables Using a Venn Diagram Calculating Probabilities Calculating Probabilities from Venn Diagrams **8X1 -** The Product Rule for Counting	- Analysing writers' use of language, structure & from Here What Are The Main Lite… - Historical: 18th century Contextual Analysis of Gr…			
H	**Maths**	**English**	**Science**	**History**	**Music**

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3	**The Key Topics that will be covered in this half term will be…** **a)** Brackets, Equations & Inequalities **b)** Sequences **c)** Indices **Where to find the key knowledge on the topics…** **Sparx Maths Login** **a) SPARX VIDEOS - M417, M327, M237, M792, M960, M100, M707, M634, M647, M855, M902, M118,** Multiplying an expression by a constant Multiplying an expression by a term Factorising expressions Expanding Double Brackets Solving One Step Equations - Addition and Subtraction Solving One Step Equations - Multiplication and Division Preparing to Solve Two Step Equations Solving Two Step Equations Complex Linear Equations Equations with Brackets Solving Linear Inequalities **8X1 -** Solving Equations with Unknowns on Both Sides	**The Key Topics that will be covered in this half term will be…** **Sonnet** **Where to find the key knowledge on the topics…** - Volta as crux of argument- What Is Volta In Poetry… - Comparative statements here - The sonnet form What is a sonnet? - Rhyme and metre here - Sentences (subjects & verbs; fragments; run ons) SENTENCES, FRAGM… - Conventions of Petrarchan & Shakespearean sonnets Sonnet Basics: Shakes… - History of the sonnet 14 The Sonnet: History… - Elizabethan; Romanticism What is Romanticism?	**The Key Topics that will be covered in this half term will be…** **a)** Breathing and respiration **b)** Metals and their uses **Where to find the key knowledge on the topics…** Gas Exchange and Respiration Metals	**The Key Topics that will be covered in this half term will be…** **The Transatlantic Slave Trade -** What was the impact of Britain's involvement in the Transatlantic Slave Trade? **Where to find the key knowledge on the topic…** The transatlantic slave trade overview The experiences of enslaved people Abolition	**The Key Topics that will be covered in this half term will be…** **Great Composers: Classical Period** **Where to find the key knowledge on the topic…** Classical - Musical periods and styles - National 5 Music Revision - BBC Bitesize The Classical Period | Kids Music Corner

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	8X1 - Solving More Complex Linear Inequalities **b) SPARX VIDEOS - M381, M241, M166, M991, M866, M418** Understanding Sequences as Patterns Generalising Sequences Using Rules Generating Sequences Using a Term-To-Term Rule Generating Sequences Using a Position-To-Term Rule Arithmetic Sequences Generating Sequences Using the nth Term Rule **8X1 -** Finding the nth Term Rule **c) SPARX VIDEOS - M608, M150** Laws of Indices - Multiplication Laws of Indices - Division **8X1 -** Raising a Power to a Power **8X1 -** Negative and Zero Indices				
HT	**Maths**	**English**	**Science**	**History**	**Music**
4	**The Key Topics that will be covered in this half term will be…** **a)** Standard Index Form **b)** Fractions and percentages **c)** Number Sense	**The Key Topics that will be covered in this half term will be…** **Comedy - As You Like It** **Where to find the key**	**The Key Topics that will be covered in this half term will be…** **a)** Metals and their uses cont. **b)** Fluids and pressure **c)** Science week (curiosity)	**The Key Topics that will be covered in this half term will be…** **The American Civil War -** What was the impact of the American Civil War?	**The Key Topics that will be covered in this half term will be…** **Blues** **Where to find the key**

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	Where to find the key knowledge on the topics… **Sparx Maths Login** **a) SPARX VIDEOS - M719, M678, U264, U290, U161** Writing large numbers in standard form Writing small numbers in standard form Problem Solving with Standard Form **8X1 -** Fractional Indices **8X1 -** Negative and Zero Indices **b) SPARX VIDEOS - M958, M264, M553, M695, M437, M476, M528** Converting Fractions to Decimals Converting Decimals to Fractions Finding a Fraction of an Amount Solving Problems with Fractions of Amounts Calculating Percentages of Amounts Percentages of Amounts With a Calculator Calculating Percentage Increases Calculating Percentage Decreases Calculating Percentage Change	**knowledge on the topics…** - Genre Shakespeare's Comed… - Comic plot AS YOU LIKE IT BY WI… - Comic archetypes- Characteristics of Shak… - Evaluating writers' intentions here - Literary: How comedy has evolved here - Satire bitesize - Conventions of comedy over time- here	**d)** Unicellular **Where to find the key knowledge on the topics…** Metals Pressure in fluids Living organisms	**Where to find the key knowledge on the topic…** Causes of the American Civil War Consequences of the Civil War	**knowledge on the topics…** Blues music and the 12-bar blues KS3 | Y8 Music Lesson Resources | Oak National Academy Blues ks3 Flashcards | Quizlet

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	8X1 - Problem Solving with Percentages **c) SPARX VIDEOS - M111, M431, M994, M13, M878, M730** Rounding to the nearest 10, 100, 1000 Rounding to a number of Decimal Places Rounding Integers to One Significant Figure Rounding Decimals to Significant Figures Estimating Calculations Error Intervals **8X1 -** Problem Solving with Rounding and Estimation				
HT	**Maths**	**English**	**Science**	**History**	**Music**
5	**The Key Topics that will be covered in this half term will be…** **a)** Angles in Parallel lines and Polygons **b)** Area of shapes - including circles **c)** Line Symmetry and reflection **Where to find the key knowledge on the topics…** **Sparx Maths Login** **a) SPARX VIDEOS - M606,**	**The Key Topics that will be covered in this half term will be…** **Comedy - As You Like It** **Romance - Knight's Tale** **Where to find the key knowledge on the topics…** - Genre Shakespeare's Comed… - Comic plot AS YOU LIKE IT BY WI…	**The Key Topics that will be covered in this half term will be…** **a)** Unicellular cont. **b)** Combustion **Where to find the key knowledge on the topics…** Unicellular organisms Unicellular organisms	**The Key Topics that will be covered in this half term will be…** **WW1 -** What were the Causes and Consequences of World War 1? **Where to find the key knowledge on the topics:** Causes of WW1 Life on the Front Line	**The Key Topics that will be covered in this half term will be…** **Computer Game Music** **Where to find the key knowledge on the topics…** Composing music for video games - KS3 Music - BBC Bitesize How to compose a soundtrack - BBC Bitesize

	M653, Alternate Angles Corresponding Angles Co-interior Angles Angles on parallel lines Interior angles of a polygon **b) SPARX VIDEOS - M900, M390, M269, M610, M996, M291, M705, M595, M231** Area of a triangle Area of compound shapes Area of a trapezium Area of a circle **c) SPARX VIDEOS - M910** Introduction to reflections Describing a reflection Reflecting objects	- Comic archetypes- Characteristics of Shak… - Evaluating writers' intentions here - Literary: How comedy has evolved here - Satire bitesize - Conventions of comedy over time- here **Where to find the key knowledge on the topics…** - Core Knowledge The Knight's Tale Video … - Characters 'The Knight's Tale' by Ge… - The romance; quests here - Selecting and embedding evidence here - Tentative phrasing here - Middle English Horrible Histories - The … - Courtly love here			
HT	**Maths**	**English**	**Science**	**History**	**Music**
6	**The Key Topics that will be covered in this half term will be…** **a)** The Data Handling Cycle **Where to find the key**	**The Key Topics that will be covered in this half term will be…** **Romance - Knight's Tale** **Where to find the key**	**The Key Topics that will be covered in this half term will be…** **a)** Earth and Space **Where to find the key**	**The Key Topics that will be covered in this half term will be…** **The Russian Revolution -** How was Russia governed in the late 19th and early 20th Centuries?	**The Key Topics that will be covered in this half term will be:** **Four Chord Trick** **Where to find the key**

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	knowledge on the topics… **Sparx Maths Login** **a) SPARX VIDEOS - M328, M934, M841, M940, M899, M441, M597, M738, M574, M165, M140** Pictograms and bar charts Pie charts Interpret pie charts Scatter Graphs	**knowledge on the topics…** - Core Knowledge The Knight's Tale Video … - Characters 'The Knight's Tale' by Ge… - The romance; quests here - Selecting and embedding evidence here - Tentative phrasing here - Middle English Horrible Histories - The … - Courtly love here	**knowledge on the topics…** Earth and Space	**Where to find the key knowledge on the topics…** The Russian Revolution The Russian Revolution (1917)	**knowledge on the topics…** What is the role of chords? KS3 | Y7 Music Lesson Resources | Oak National Academy Chords - Harmony and tonality - Edexcel - GCSE Music Revision - Edexcel - BBC Bitesize

HT	Geography	Spanish	Comp Science	Art	Food Tech
1	**The Key Topics that will be covered in this half term will be…** **Earth Studies- Tectonics** ● Rock cycle ● History and layers of the Earth ● Tectonic plates and movement ● Conservative plate margins ● Constructive plate margins ● Destructive plate margins ● Rift Valley ● Volcanoes	**The Key Topics that will be covered in this half term will be…** **Mi vida sana - Healthy Lifestyle** **Grammar** ● present tense endings for –AR, -ER, -IR verbs / immediate future tense for -AR, -ER, IR verbs / opinions and justifications / modal verbs + infinitive / Time frames **Vocabulary** ● Food & groups of food / restaurant vocabulary /	**The Key Topics that will be covered in this half term will be…** **Developing the web** ● HTML introduction ● HTML Structure ● HTML Tags ● Creation of web pages using HTML ● Web Security ● Online threats **Where to find the key knowledge on the topics…** Using HTML to create websites	**The Key Topics that will be covered in this half term will be…** **Architecture** ● Stylised drawing styles ● Mark making and texture ● Weight of line ● Colour theory ● Watercolour ● Tonal shading (charcoal) ● 3D construction, card layering **Where to find the key knowledge on the topics…**	**The Key Topics that will be covered in this half term will be…** **MODULE 1: Multicultural Meals** **Where to find the key knowledge on the topics…** Multicultural Foods

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Makeup of earthquakes
Tsunamis

Where to find the key knowledge on the topics…

Rock cycle-
History and layers of the Earth 1
History and layers of the Earth 2
Tectonic plates and movement
Tectonic plates and movement 2
Conservative plate margins
Constructive plate margins
Destructive plate margins
Rift Valley
Volcanoes
Makeup of earthquakes
Makeup of earthquakes 2
Tsunamis

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birthday celebrations / adjectives /

Where to find the key knowledge on the topics…

Grammar

How to use the Spanish present tense
Grammar
Community Spanish Verbs Present tense Search for public activities...
Simple future tense Spanish
Community Spanish Near future
Food and Drink with Opinions
Talking about food in Spanish

Vocabulary

Spanish food and drink
Meals and food in Spanish y8
Spanish restaurant vocabulary

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HTML
HTML Images
Cyber Security
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Lucinda Rogers
Ian Murphy
Weight of line 1
Weight of line 2
Harmonious colours
Hundertwasser
Hundertwasser tutorial 1
Hundertwasser tutorial 2
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MODULE 2: Protein Foods

Where to find the key knowledge on the topics…

Protein Foods
Coagulation
Gelatinisation
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<td>Geography</td>
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<td>Comp Science</td>
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The Key Topics that will be covered in this half term will be…

Earth Studies- Tectonics

Rock cycle

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The Key Topics that will be covered in this half term will be…

Python Programming
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	• History and layers of the Earth • Tectonic plates and movement • Conservative plate margins • Constructive plate margins • Destructive plate margins • Rift Valley • Volcanoes • Makeup of earthquakes • Tsunamis **Where to find the key knowledge on the topics…** • Rock cycle • History and layers of the Earth History and layers of the Earth 2 • Tectonic plates and movement Tectonic plates and movement 2 • Conservative plate margins • Constructive plate margins • Destructive plate margins • Rift Valley • Volcanoes • Makeup of earthquakes 1		• Introduction to simple programs • syntax • variables • selection • iteration **Where to find the key knowledge on the topics…** Programming basics Selection Iteration Variables Online Python IDE Python Tutorials		

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	• Makeup of earthquakes 2 • Tsunamis				
3

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	• Social development indicators 1 Social development indicators 2 • Types of employment • Import/ Export 1 Import/ Export 2 • Fair Trade 1 Fair Trade 2 • TNCs • Aid 1 Aid 2 • Climate of Africa • Congo Basin • City climate	Vocabulary • Spanish - Places in Town • Describing festivals, customs and celebrations in Spanish			Spaghetti Recipe
HT	**Geography**	**Spanish**	**Comp Science**	**Art**	
5	**The Key Topics that will be covered in this half term will be…** **Glaciation** • What is glaciation? • Where is ice? • How do glaciers form? • How powerful is ice? • Use of glaciated landscapes • Conflict from tourism in the Lake District • Antarctica • How is Antactrica protected?	**The Key Topics that will be covered in this half term will be…** **Las Vacaciones - Holidays** **Grammar** • Preterite tense • Modal verbs **Vocabulary** • Transport • Holiday activities • Weather • Countries **Where to find the key knowledge on the topics…**	**The Key Topics that will be covered in this half term will be…** **Interface design** • Identification of client requirement • Interpretation of a design brief • Creation of planning documentation (Visualisation Diagram) • Development of a product prototype	**The Key Topics that will be covered in this half term will be…** **Landscapes** • Texture and markmaking • Perspective • Tertiary colours **Where to find the key knowledge on the topics…** Landscape collage activity Mark making Van Gogh inspired mark making Perspective activities 1 Perspective activities 2	

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	Where to find the key knowledge on the topics… ● What is glaciation? ● Where is ice? ● How do glaciers form? ● How powerful is ice? How powerful is ice? 2 How powerful is ice? 3 ● Use of glaciated landscapes ● Conflict from tourism in the Lake District Conflict from tourism in the Lake District 2 Conflict from tourism in the Lake District 3 ● Antarctica ● How is Antarctica protected?	**Grammar** ● Spanish preterite tense holidays ● Spanish Preterite Tense ● preterite Spanish verbs ● Holidays and tourism in Spanish **Vocabulary** ● Transportation in Spanish ● Spanish transport JD ● Spanish: Weather and seasons ● Spanish weather (past tense) ● Countries-Spanish	● Review of product prototype ● Identification of improvements and next steps **Where to find the key knowledge on the topics…** Research and planning Planning Creating a project Creating digital graphics	Tertiary colours	
6	**The Key Topics that will be covered in this half term will be…** **Hydrology** ● Hydrological cycle ● Drainage basins ● Long profile of a river ● Waterfalls ● Floodplains ● Flooding Where to find the key knowledge on the topics… ● Hydrological Cycle		**The Key Topics that will be covered in this half term will be…** **Code for Life** ● Programming to solve a problem ● Completing programming challenges Where to find the key knowledge on the topics… Code for Life Rapid Router		

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	• Drainage Basins • Long profile of a river • Waterfalls 1 Waterfalls 2 • Floodplains • Flooding 1 • Flooding 2 • Flooding 3 • Flooding 4		Programming Basics		