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Year 9 Curriculum Overview 2025-26

HT	Maths	English	Science	History	Geography
1	**The Key Topics that will be covered in this half term will be…** **a)** Brackets **b)** Testing conjectures **c)** Straight line Graphs **Where to find the key knowledge on the topics…** **Sparx Maths Login** **a) SPARX VIDEOS - M237, M100, M792, M960, M908** Multiplying an expression by a constant Multiplying an expression by a term Distributive Law with Algebraic Terms Factorising expressions Expanding Double Brackets Factorising a Quadratic Expression **b) SPARX VIDEOS - M823, M322** Factors and Multiples Factors and Multiples - 2 Prime Numbers **c) SPARX VIDEOS - M618, M797, M932, M544, M888** Plotting and Reading Coordinates	**The Key Topics that will be covered in this half term will be…** **The 57 Bus & Speech Writing** **Where to find the key knowledge on the topics…** • Details about plot, character and theme including The 57 Bus by … • Writer's methods including: Rhetorical devic… • Ideas about genre and form including: here • Contextual information about: What is Social I… • Grammatical concepts including: here • Making inferences (WHAT) Inferences | Mak… • Making comments on the writer's methods	**The Key Topics that will be covered in this half term will be…** **a)** Light and sound **Where to find the key knowledge on the topics…** Waves	**The Key Topics that will be covered in this half term will be…** **Hitler's rise to power 1919-1936** **Where to find the key knowledge on the topics…** What challenges did Germany face after World War One? The rise of Hitler and the Nazis	**The Key Topics that will be covered in this half term will be…** **Population** • Migration • DTM • One Child Policy • Malthus and Boserup's theories • Jakarta • Jakarta relocating capital cities • Sustainable urban living • Population growth and climate change **Where to find the key knowledge on the topics…** Migration DTM One Child Policy Malthus and Boserup's theories Jakarta Jakarta relocating capital cities Sustainable urban living

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	Generating Coordinates from a Rule Plotting straight Line Graphs Finding a Positive Gradient Finding a Negative Gradient Finding the Y-Inter cept The Equation of a Straight Line **9X1** - Finding the Gradient from Coordinates **9X1** - Finding the Equation from Coordinates **9X1** - Parallel Linear Graphs **9X1** - Perpendicular Linear Graphs	(HOW) English Exam R… • Perspective writing: Speeches Writing A Speec…			Population growth and climate change
HT	**Maths**		**Science**	**History**	
2	**The Key Topics that will be covered in this half term will be…** **a)** Forming and solving Equations **b)** 3D shapes **c)** Number **Where to find the key knowledge on the topics…** **Sparx Maths Login** **a) SPARX VIDEOS - M707, M634, M647, M855, M401, M902, M509, M554, M957, M384, M118, M732** Algebraic Notation Solving One Step Equations -		**The Key Topics that will be covered in this half term will be…** **a)** Genetics **b)** The Earth's materials **c)** Forces **Where to find the key knowledge on the topics…** Inheritance and genetics Resources from the Earth Forces and movement	**The Key Topics that will be covered in this half term will be…** **The Significant Event of WW2** **Where to find the key knowledge on the topics…** World War Two: An overview The Battle of Britain	

	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 Solving More Complex Linear Inequalities **b) SPARX VIDEOS - M767, M276, M518, M229, M390, M269. M610, M291, M705, M534, M661, M765, M722** 2D and 3D Shapes Nets of 3D Solids Drawing Plans and Elevations Drawing the Solid from Plans and Elevations Understanding Perimeter and Area Area of a Triangle Area of a Trapezium Volume of Prisms Surface area of Cuboids Surface Area of Prisms **9X1 -** Volume of a Cylinder **9X1 -** Surface Area of Cylinders **9X1 -** Surface Area of a Sphere **9X1 -** Volume of a Sphere **9X1 -** Surface Area of a Cone **9X1 -** Volume of a Cone **c) SPARX VIDEOS - M527, M106, M288, M187, M803, M354, M262, M873, M227, M698, M322, M108, M365, M719, M678**				

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	Factors, Multiples, Squares and Cubes Negative Numbers in Context Addition and Subtraction Multiplication and Division Multiplication and Division with Negative Numbers Multiplying Decimals Dividing With Negatives Understanding Prime Numbers Expressing an Integer as a Product of Prime Factors Highest Common Factor Lowest Common Multiple Problem Solving with Factors and Multiples Writing Large Numbers in Standard Form Writing Small Numbers in Standard Form Problem Solving with Standard Form				
HT	**Maths**	**English**	**Science**	**History**	**Geography**
3	**The Key Topics that will be covered in this half term will be…** **a)** Angles **b)** Using percentages **Where to find the key knowledge on the topics…** **Sparx Maths Login** **a) SPARX VIDEOS - M818,**	**The Key Topics that will be covered in this half term will be…** **Noughts and Crosses** **Where to find the key knowledge on the topics…** ● Details about plot, character and theme	**The Key Topics that will be covered in this half term will be…** **a)** Forces cont. **b)** Reactivity **Where to find the key knowledge on the topics…** Forces and movement Metals	**The Key Topics that will be covered in this half term will be…** **The events of the Holocaust** **Where to find the key knowledge on the topics…** The persecution of the Jews The Holocaust	**The Key Topics that will be covered in this half term will be…** **Ecosystems** ● What is an ecosystem? ● Geography of South America ● El Nino

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	M163, M351, M679, M319, M606, M393, M653 Angles Around a Point and on a Straight Line Angles in a Triangle Parallel Lines - Corresponding Angles Parallel Lines - Alternate Angles Parallel Lines - Co-interior Angles Angles in Parallel Lines Interior Angles in Polygons Exterior Angles in Polygons **9X1 -** Finding a Bearing **9X1 -** Problem Solving with Bearings **b) SPARX VIDEOS - M264, M235, M437, M905, M476, M533, M528** Calculating a Percentage of an Amount Calculating Percentage Increases Calculating Percentage Decreases Calculating Percentage Change **9X1 -** Repeated Percentage Change	including: Noughts and Cr… • Writer's methods including: here • Ideas about genre and form including: Genre: here • Contextual information about: here • Grammatical concepts including: here • Spoken Language: Presentation here		Non Jewish victims of the Holocaust	• Nutrient cycling tropical rainforests • Deforestation causes and effects • Rainbow mountains • Rainbow mountains management **Where to find the key knowledge on the topics…** What is an ecosystem? Geography of South America El Nino Nutrient cycling tropical rainforests Deforestation causes and effects Rainbow mountains Rainbow mountains management
HT	**Maths**		**Science**	**History**	
4	**The Key Topics that will be covered in this half term will be…** **a)** Rotation & Translation **b)** Solving ratio and proportion		**The Key Topics that will be covered in this half term will be…** **a)** Plants **b)** Science week (curiosity)	**The Key Topics that will be covered in this half term will be…** **Cold war**	

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	problems **c)** Enlargement **Where to find the key knowledge on the topics…** **Sparx Maths Login** **a) SPARX VIDEOS - M523, M910, M139** Lines of Symmetry Rotational Symmetry Translating Shapes Describing Translations Introduction to Rotations Rotating Shapes Describing a Rotation's Direction and Size Identifying the Centre of Rotation **b) SPARX VIDEOS - M885, M801, M267, M525, M478, M681** Securing understanding of ratio as a multiplicative relationship Ratio language and notation Dividing a quantity into a given ratio Finding Missing Values in Ratio Problems Solving Ratio Problems Direct Proportion Problems Using Direct Proportion Graphs Direct Proportion in Context **c) SPARX VIDEOS - M178, M377, M324** Introduction to Enlargements Enlarging Objects Describing an Enlargement		**c)** Force fields **Where to find the key knowledge on the topics…** Biology Forces on charged particles	**Where to find the key knowledge on the topics…** The Cold War	

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	Understanding Similarity Checking Understanding of Similar Triangles **9X1 -** Enlargement using Negative Scale Factors				
HT	**Maths**	**English**	**Science**	**History**	**Geography**
5	**The Key Topics that will be covered in this half term will be…** **a)** Pythagoras **b)** Trigonometry (Higher ability only) **c)** Rates (Compound Measures) **Where to find the key knowledge on the topics…** **Sparx Maths Login** **a) SPARX VIDEOS - M677, M480, M147** Pythagoras Demonstrating pythagoras Length of hypotenuse Length of shorter side **b) SPARX VIDEOS - M380, M212, M646** Sine and cosine Tangent Using sine ratio Using cosine Using tangent Choose the right ratio Choosing an appropriate	**The Key Topics that will be covered in this half term will be…** **The Giver** **Where to find the key knowledge on the topics…** • Details about plot, character and theme including: The Giver by Loi… • Writer's methods including: here • Ideas about genre and form including: The Idea of Uto… • Contextual information about: here • Grammatical concepts including: here.	**The Key Topics that will be covered in this half term will be…** **a)** Forces fields cont **b)** Transition - skills in physics - Standard form - Conversions **Where to find the key knowledge on the topics…** Forces on charged particles Standard form - AQA Standard form - AQA	**The Key Topics that will be covered in this half term will be…** **Civil Rights in Britain and America** **Where to find the key knowledge on the topics…** The struggles against racism and for human rights	**The Key Topics that will be covered in this half term will be…** **Climate Change** • Evidence of climate change • Enhanced and natural greenhouse effect • Natural and human causes of climate change • Impacts of climate change • Desertification • Managing climate change • Paris Agreement **Where to find the key knowledge on the topics…** Evidence of climate change Enhanced and natural greenhouse effect

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	method to find lengths in triangles Solving problems with trig **c) SPARX VIDEOS - M772, M530, M761, M774, M728, M465, M865, M487** Speed Density Pressure Converting different speed measures Converting between metric and imperial				Natural and human causes of climate change Impacts of climate change Desertification Managing climate change. Paris Agreement
HT	**Maths**		**Science**	**History**	**Geography**
6	**The Key Topics that will be covered in this half term will be…** **a)** Probability **b)** Algebraic Representations **c)** Simultaneous Equations **d)** Constructions & congruency **Where to find the key knowledge on the topics…** **Sparx Maths Login** **a) SPARX VIDEOS - M718, M829, M419, M299, M572, M332** The Probability Scale Two Way Tables Using a Venn Diagram Calculating Probabilities Calculating Probabilities from		**The Key Topics that will be covered in this half term will be…** **a)** Transition Physics **Where to find the key knowledge on the topics…** Forces - Edexcel	**The Key Topics that will be covered in this half term will be…** **The environment of Whitechapel** **Where to find the key knowledge on the topics…** Crime and punishment in Whitechapel, c.1870-c.1900 - Edexcel	**The Key Topics that will be covered in this half term will be…** **Prisoners of Geography** • What is a superpower? • Russia and Ukraine conflict • What makes countries powerful? • Conflict over resource • The geography of USA • India and Pakistan (Kashmir) • **Where to find the key knowledge on the topics…**

	Venn Diagrams **b) SPARX VIDEOS - U601, U836, U875, U310, U980, U593, U229** Quadratic Graphs Cubic Graphs Reciprocal Graphs **c) SPARX VIDEOS - U760, U757, U836, U137** Forming simultaneous Equations Combining Equations Solving simultaneous equations by elimination Solving simultaneous equations by elimination2 Solving simultaneous equations by substitution Solving simultaneous equations graphically **d) SPARX VIDEOS -M124, M377, M324, M985, M196, M565, M232, M239, M112** Applying the criteria for congruence Congruent shapes Bisect an angle Perpendicular bisector of a line Perpendicular to a given point through a given line Problem solving with constructions				What is a superpower? Russia and Ukraine conflict What makes countries powerful? Conflict over resources The geography of USA India and Pakistan (Kashmir)

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<table>
<tr><th>HT</th><th>Spanish</th><th>Computer Science</th><th>Music</th><th>Art</th><th>Food Tech</th></tr>
<tr><td>1</td><td rowspan="2">The Key Topics that will be covered in this half term will be…

‘Un camino por Espana’ A journey through Spain

Grammar
● Past, present, future tenses in the ‘I’ form
● The verb ‘hay’
● Comparative sentences using más… que
● Modal verb – se puede
● Opinions
Vocabulary
● Places in town
● Adjectives
● Foods & drinks
● Restaurant vocabulary
● Souvenirs

Where to find the key knowledge on the topics…

Grammar
● SPA verbs in 3 tenses (Viva 2 Mod 3.5)
● En mi pueblo hay
● SPANISH COMPARATIVES
● Se puede ...
● Spanish opinions</td><td>The Key Topics that will be covered in this half term will be…

Python Turtle
● Python syntax
● Selection
● Iteration
● Sub programs
● Program development

Where to find the key knowledge on the topics…

Programming basics
Selection
Iteration
Sub Programs
Online Python IDE
Python Tutorials</td><td>The Key Topics that will be covered in this half term will be…

Samba

Where to find the key knowledge on the topics…

Samba music - Music of South America: Samba - OCR - GCSE Music Revision - OCR - BBC Bitesize
Samba, bossa nova and other Latin dance music AQA KS4 | Y10 Music Lesson Resources | Oak National Academy</td><td rowspan="2">The Key Topics that will be covered in this half term will be…

Day of the Dead
● Intricate patternwork
● Gothic stylised characters (Tim Burton)
● Ink wash
● Paper cutting and folding
● Harmonious colours

Where to find the key knowledge on the topics…

Day of the Dead 1
Day of the Dead 2
Tim Burton
Tim Burton tutorial
Ink and water technique, apply to a gothic portrait
Papel Picado 1
Papel Picado 2
Papel Picado 3
Harmonious colours</td><td rowspan="2">The Key Topics that will be covered in this half term will be…

MODULE 1: Food Standards
● Food Assurance System

Where to find the key knowledge on the topics…

Red Tractor
The Lion Mark
Freedom foods RSPCA
Soil Association:Organic
Certified Sustainable Seafood</td></tr>
<tr><td>2</td><td>The Key Topics that will be covered in this half term will be…

Cyber Security
● Data and information collected online
● Online threats
● Hacking
● Social engineering
● Malware</td><td>The Key Topics that will be covered in this half term will be…

Reggae

Where to find the key knowledge on the topics…

Reggae - Popular music styles - National 5 Music Revision - BBC Bitesize
How do chords help us to identify</td></tr>
</table>

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	Vocabulary • Features of places at home and abroad in Spanish - Eduqas • Describing the local area in Spanish • Spanish: Food and Drinks • Y9 KS3 Spanish restaurant • Talking about shopping in Spanish	Where to find the key knowledge on the topics… Digital Footprint Online Threats Malware Social Engineering Protecting Networks Types of hackers	reggae? KS3 | Y7 Music Lesson Resources | Oak National Academy		
HT	**Spanish**	**Computer Science**	**Music**	**Art**	**Food Tech**
3 4	**The Key Topics that will be covered in this half term will be…** **'El mundo Laboral' The world of work** **Grammar** • Present & future tenses securely in 1st & 3rd person • Conditional tense using *me gustaría & le gustaría* • Modal verb - *tener que* • Passive voice – *se busca* **Vocabulary** • Jobs • Adjectives • Duties	**The Key Topics that will be covered in this half term will be…** **Digital Graphics** • Uses of digital products • Planning • Asset creation and resourcing • Copyright **Where to find the key knowledge on the topics…** Research and planning Planning Creating a project Creating digital graphics Copyright	**The Key Topics that will be covered in this half term will be…** **Great Composers: Romantic Period** **Where to find the key knowledge on the topics…** Romantic - Musical periods and styles - National 5 Music Revision - BBC Bitesize Romantic Period Music - Music Theory Academy	**The Key Topics that will be covered in this half term will be…** **Typography** • Layout and composition • Leading and Kerning • Notan • Gestalt theory • Jasper Johns **Where to find the key knowledge on the topics…** Topography key term examples Serif and Sans Serif Gestalt theory Notan Jasper Johns Jasper Johns mimic	**The Key Topics that will be covered in this half term will be…** **MODULE 2: Chilled Ready Meals** • Ready Meals • Sensory Analysis • Nutritional Analysis **Where to find the key knowledge on the topics…** Ready Meals Ready Meals Nutritional Analysis 1 Nutritional Analysis 2

	• Places of work • Workplace preferences • Ambitions **Where to find the key knowledge on the topics…** **Grammar** • How to use the Spanish present tense with '-ar', '-er' and '-ir' verbs • Revising the present tense in Spanish • Revising Spanish grammar - conditional tense • Spanish Conditional Tense • Tener que **Vocabulary** • Jobs in Spanish • Spanish Adjectives for Describing Jobs • Spanish Job description • Jobs and workplaces in Spanish • Future jobs/ambitions in spanish				

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HT	Spanish	Computer Science	Music	Art	Food Tech
5	**The Key Topics that will be covered in this half term will be…** La vida Latinoamericana - Latin America **Grammar** • To apply the present tense, past tense and future • tense securely for all regular AR, ER, IR verbs • To apply the conditional tense • To apply high value phrases **Vocabulary:** • Countries • Places • Adjectives • Activities • Festival vocabulary **Where to find the key knowledge on the topics…** **Grammar** • GCSE SPANISH TENSES • Spanish Past, Present, and Future Tense • Spanish Conditional	**The Key Topics that will be covered in this half term will be…** **Presenting Data** • Formatting • Formula • Functions • Graphs • Macros **Where to find the key knowledge on the topics…** Formatting Formulas and functions Charts and graphs Collecting Data Conditional formatting and macros	**The Key Topics that will be covered in this half term will be…** **Film Music** **Where to find the key knowledge on the topics…** Composing music for film - KS3 Music - BBC Bitesize Using technology musically: Film Music	**The Key Topics that will be covered in this half term will be…** **Direct Observation** • Biro drawing • (Cross)hatching • Pointilism **Where to find the key knowledge on the topics…** Mark making techniques Andrea Joseph Sketchbook tour Biro drawing 1 Biro drawing 2	**The Key Topics that will be covered in this half term will be…** **MODULE 3: Event Foods** • Catering for Events • Creating a time plan • Festival food **Where to find the key knowledge on the topics…** Food Festivals
6		**The Key Topics that will be covered in this half term will be…** **iDEA award** • Digital awareness, safety and ethics. • Digital creativity • Originate ideas and bring them to life. • Gamification	**The Key Topics that will be covered in this half term will be…** **Band Skills** **Where to find the key knowledge on the topics…** How do bands ensure that they perform in time, and that all parts		**MODULE 4: Food Provenance** • Food Provenance **Where to find the key knowledge on the topics…** Food provenance Where does our food come from? https://app.senecalearning.co

	Tense • AQA GCSE SPANISH: HIGHER LEVEL PHRASES **Vocabulary** • Latin American Countries • GCSE Spanish Adjectives to Describe a Place • Spanish Activities in Town • Spanish vocab-festivals/celebrations	techniques and how to make games. **Where to find the key knowledge on the topics…** iDEA Main website How to complete badges Sign up link	are heard? KS3 | Y7 Music Lesson Resources | Oak National Academy Playing together - KS3 Music - BBC Bitesize		m/teacher/resource-hub/preview/quiz/ad5278bd-ff0e-4dd8-95a9-22ad19145f44