

YEAR 9 - REVISION TOPICS

BIOLOGY

B1 Key Concepts in Biology

B2 Cells and Control

Students should refer to the yellow specification booklet they were provided with at the start of the year to identify all information contained within each of the GCSE topics mentioned above.

CHEMISTRY

Year 9 have started GCSE Chemistry (Edexcel 1-9). The topics examinable in the End of Year exam are:

- Atomic structure
- Periodic table & balancing equations
- Writing formula, atmosphere & climate change
- Obtaining and using metals
- Acids

These relate to the following parts of the specification: 1.1-1.20, 6.1-6.16, 0.1-0.3, 0.6, 8.18-8.26, 4.1-4.12, 3.1-3.21
Key concepts introduced in Year 7 and 8 are also examinable. These include writing word equations, safety, carrying out experiments and separation techniques.

CLASSICAL CIVILISATION

You will be examined on three topics: The Iliad and The Roman Army and Life in Pompeii

For The Iliad

- The Judgement of Paris
- Achilles' Actions during the war
- The transmission of the Iliad through the oral tradition

For The Roman Army:

- The Punic Wars
- The organisation of the Army including ranks and roles
- Caesar's Gallic Wars
- The operation of limes and frontier forts

For Life in Pompeii

- Part 1 The Town of Pompeii including houses, dinner parties, Roman society, slaves and freedmen
- Part 2 City Living including the amphitheatre, bar life, the Saturnalia
- Part 3 Roman beliefs including religion, death and the Underworld, The Compitalia
- Part 4 Politics including elections, local government and manumission
- Part 5 Trade including Roman coins and dates

ENGLISH

Shakespeare: Students are exploring the Shakespeare play *The Merchant of Venice*. The exam will consist of one extract question which students will need to consider critically using their knowledge of language and its effects. They should prepare a thorough knowledge of the key scenes given by their teacher and learn a range of quotations for use in their final exam. They should choose key quotations from the extract and use learnt quotations from elsewhere in the play, considering the theme presented in the question and presenting a strong literary argument. They should use the PQA structure to explore the effects of Shakespeare's choices closely and should link to key historical context using a critical academic register.

FRENCH

You should look back at the notes in your exercise book and can revise grammar on [languagesonline](#) and [thisisschool](#)

	Vocabulary	Grammar
Paris	<ul style="list-style-type: none">● Paris sights● places of interest● the metro● travel information	<ul style="list-style-type: none">● perfect tense with être and avoir
French -speaking countries	<ul style="list-style-type: none">● leisure activities● time expressions● TV, cinema, books	<ul style="list-style-type: none">● imperfect tense
Work	<ul style="list-style-type: none">● school life● subjects and school day● work and careers	<ul style="list-style-type: none">● il faut● aller +infinitive
Theme Parks	<ul style="list-style-type: none">● Theme parks● rides● hotel stays● summer activities● weather	the future tense

GEOGRAPHY

- Cold environments
- Hot Environments
- Climate change
- Emerging economies - India

These are the general topics that will be examined, but please note that more detailed guidance will be given closer to the exams.

GERMAN

Anything we have done this year may come up. You can access the ZOOM German 2/1 textbook on Kerboodle (institution code: SO4) and all vocabulary lists on Quizlet: <https://quizlet.com/class/26643765> You should also look back at the notes in your exercise book and can revise grammar on [languagesonline](#) and [thisisschool](#)

	Vocabulary	Grammar
Unit 1A Mein Tag Zoom 2	<ul style="list-style-type: none">● Daily routine● Opinions of activities	<ul style="list-style-type: none">● Separable and reflexive verbs● Present tense
Unit 1B Wir feiern! Zoom 2	<ul style="list-style-type: none">● National holidays and festivals● Organise a party; say what guests can do at the party● Accept or decline an invitation; give excuses	<ul style="list-style-type: none">● Dates and endings● Modal verbs● future tense● Question words● subordinating conjunctions
Unit 4B Zu Besuch Zoom 1	<ul style="list-style-type: none">● Countries● Accommodation● Holiday activities	<ul style="list-style-type: none">● dative after prepositions● perfect tense with haben and sein● opinions in the past with es war● using 3 time frames together
Unit 2A Die Medien Zoom 2	<ul style="list-style-type: none">● TV viewing habits● Forms of media; compare old and new media● Favourite music, singers and bands● Film and film reviews● Reading habits	<ul style="list-style-type: none">● Possessive adjectives (<i>mein, dein, sein, ihr</i>)● <i>dieser/diese/dieses</i> and <i>welcher?/welche?/welches?</i>● using 3 time frames together

What to revise for listening and reading?

Anything that we have done this year may come up. Use quizlet, teams and your notes and revise vocabulary on the topics above.

What to revise for writing?

The writing section has 2 parts:

Part 1. 90 word writing task. You will need to show that you can answer the bullet points using varied vocabulary, opinions, connectives, verbs in present, past and future and some complex language. Revise the vocabulary and grammar listed above.

Part 2. You will have to translate some sentences into English and into German on any topic covered this year. Revise the vocabulary and grammar listed above.

HISTORY

Please revise the big enquiry questions you have been studying since September:

- Who shot JFK?
- Why is 1750-1900 seen as Britain's age of transformation?
- What are the controversies of World War I?
- What are the big debates of World War II?

LATIN

All work covered so far in Suburani chapters 1 - 19

This includes:

- all vocabulary lists from chapters 1 - 19
- all grammar including:

1. Verbs:

- present tense
- imperfect tense
- perfect tense
- pluperfect tense
- future tense
- irregular verbs - esse, posse, velle, nolle

2. Nouns:

- nominative
- accusative
- genitive
- dative
- ablative
- vocative
- different genders (masculine, feminine and neuter)
- different declensions (1st, 2nd, 3rd)

3. Adjectives

- agreement with nouns (different declension adjectives)
- degrees of comparison (positive, comparative, superlative)

4. Relative Pronouns and Relative Clauses

5. Use of -ne and -que

6. Prepositions including time and place

7. Adverbs

8. Imperatives

9. Indirect Statements

10. This and That including:

- hic haec hoc
- ille illa illud
- is ea id

11. Present Participles

MATHS

Half Term 1	
Algebraic Manipulation	Multiplying Brackets with Coefficients
	Factorising Algebraic Expressions
	Expanding the Product of Two and more Brackets
	Factorising Quadratic Expressions
	Solving Quadratic Equation (using Factorising)
	Changing the Subject of an Equation
Angles	Angles of Polygons
	Problem solving using Polygons
	Bearings
Angles (cont.)	Using Angles in Geometric Proof / Congruency
Half Term 2	
Percentages	Percentage Increase/Decrease using multipliers
	Rearranging Percentage Increase/Decrease Equation
	Repeated Percentage Change and Compound Interest
	Simple Interest
Compound Units	Speed / Density / Pressure
	Flow and Unit Cost
Real-world Graphs	Time Graphs
	Exponential Graphs
Limits of Accuracy	Bounds and Error Intervals
	Truncation
	Problems involving Bounds and Error Intervals
Surds	Simplifying Surds
Half Term 3	
	Adding and Subtracting Surds
	Multiplying and Expanding Brackets with Surds
Right Angled Triangles	Pythagoras Theorem and Problem Solving
	Trigonometry - Ratios of Right Angled Triangles
	Trigonometry - Find angles
	Trigonometry - Find sides
	Exact Trig Values
Simultaneous Equations	Solving Simultaneous Equations Graphically
Half Term 4	
Simultaneous Equations (cont.)	Solving Linear Equations by Elimination
	Solving Equations by Substitution
Basic Number	Prime Factorisation
	HCF and LCM using Prime Factorisation
Statistical Tables and Graphs	Mean of Frequency Tables (Grouped and Ungrouped)
	Cumulative Frequency Diagrams

	Scatter Graphs, Correlation and Lines of Best Fit
	Two Way Tables
Algebraic Fractions	Fractions Revision
Half Term 5	
Algebraic Fractions (cont.)	Simplifying Algebraic Fractions
	Multiplying and Dividing Algebraic Fractions
	Adding and Subtracting Algebraic Fractions
Proof	Number Theory Proof
	Algebraic Identities
Standard Form	Powers of 10
	Arithmetic with Standard Form

PHYSICS

Topic 1: Electricity – current, potential difference and resistance in series and parallel circuits

Topic 2: Waves – wave properties, sound waves and the ear, ultrasound, infrasound (seismic waves)

Topic 3: Energy - energy transfers, power and efficiency, energy resources and generating electricity

Topic 4: Optics- reflection, refraction, total internal reflection, ray diagrams, converging and diverging lenses

Topic 5: Moments – levers and gears

SPANISH

What to revise for listening and reading?

Anything that we have done this year may come up. Use Quizlet, Teams and your notes and revise vocab on these topics:

- Food
- Holidays (countries, transport, activities)
- Latinoamerica
- Media, cinema and TV
- Fashion
- Opinions

What to revise for writing?

The writing paper has 3 parts:

Part 1. 90 word writing task. You will need to show that you can answer the bullet points using varied vocabulary, opinions, connectives, verbs in present, past and future and some complex language.

Part 2. You will have to translate some sentences into English and into Spanish on any topic covered this year.

Part 3. You will have to conjugate 3 regular verbs: one in present, one in preterite and one in immediate future. Relearn the endings for these verbs, you can use these links: present [link](#), preterite [link](#), immediate future [link](#).