



GATEWAYS
SCHOOL

LOWER 5
REVISION LISTS
2019

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Examination Timetable

All exams in the Sports Hall unless otherwise indicated

Monday 20th	9.00-11.00 ART (2 hours)	
May	ALL OTHER STUDENTS NORMAL TIMETABLE	NORMAL TIMETABLE
Tuesday 21st	9.00-10.45 (11.10) English (1 hour 45 mins)	2.00-3.30 (3.52) Triple Award Physics (1 hour 30 mins)
May	11.30-12.30 (12.45) Maths (1 hour)	2.30-3.30 (3.45) Double Award Physics (1 hour)
Wednesday 22nd	9.00-10.30 (10.50) Triple Award Chemistry (1 hour 30 mins)	NOTE EARLY START FOR BUSINESS AND MUSIC
May	9.30-10.30 (10.45) Double Award Chemistry (1 hour)	1.50-3.20 (3.42) Business Studies (1 hour 30 mins)
	11.30-12.30 (12.45) Maths (1 hour)	1.50-3.25 (3.48) Music (1 hour 35 mins)
Thursday 23 rd	9.00-10.45 (11.10) History (1 hour 45 mins)	2.00-3.30 (3.52) Geography (1 hour 30 mins)
May	9.00-10.00 (10.15) Latin (1 hour)	2.00-3.30 (3.52) Computer Science (1 hour 30 mins)
	9.00-10.30 (10.52) Classical Civilisations (1 hour 30 mins)	2.00-3.15 (3.34) PE (1 hour 15 mins)
	11.30-12.30 (12.45) Language Writing (1 hour)	
Friday 24th	9.00-10.30(10.50) Language Reading& Listening (1 hour 30 mins)	2.00-3.30 (3.52) Triple Award Biology (1 hour 30 mins)
May	NOTE EARLY START FOR RS AND CS	2.30-3.30 (3.45) Double Award Biology (1 hour)
	11.00-12.45 (1.10) RS (1 hour 45 mins)11.15-12.45 (1.10) Computer Science (1 hour 30 mins)	

Business Studies

The examination will cover a selection of the Theme 1 concepts covered so far in L5 Business Studies.

There will be one 90-minute examination.

The Theme 1 concepts covered prior to the examination are listed below.

Topic	Revise 1	Revise 2	Consolidate
1.1.1 The dynamic nature of business How / why new business ideas come about			
1.1.2 Risks and rewards of being in business			
1.1.3 Enterprise The role of business Enterprise The role of the entrepreneur			
1.2.1 Customer needs Identifying, understanding & the importance of knowing and meeting them			
1.2.2 Market research The purpose of market research Methods of market research The use of data in market research			
1.2.3 Market segmentation Types of market segments / segmentation Market mapping			
1.2.4 The competitive environment Types of competition, impact of competition			
1.3.1 Business aims and Objectives Financial and non-financial aims and objectives Why aims and objectives differ between businesses			
1.3.2 Business calculations Business revenues, costs and profits. Calculation and interpretation of break even, margin of safety, contribution.			
1.3.3 Cash and cash-flow Importance of cash flow Calculation / completion of cash flow figures and forecasts.			
1.3.4 Sources of business finance Short-term and long-term for start-up businesses			
1.4.1 The business structure options for start-up and small businesses. Liability, sole traders, partnerships, LTD, Franchise			

1.4.2 Business location, factors affecting location E-commerce and location			
1.4.3 The Business plan The role and importance of a business plan.			
1.4.4 Marketing Mix Price, place, product, promotion & how the elements work together			
1.5.1 Stakeholders Internal and external, how they influence business			
1.5.2 Technology and business Types of technology use in business and the impact of technology on business			

Classical Civilisation

	1 st Revision	2 nd Revision	3 rd Revision
Content			
The values and traditions of the Homeric world			
In depth knowledge of the events of the Odyssey, Books 9, 10, 19, 21 & 22 and knowledge of the key events in Books 5, 6, 7, 8, 11, 12 & 20			
Key characters of the Odyssey and their definitions			
The sites of Mycenae and Tiryns and their key features			
Themes			
Characterisation			
Heroics of Odysseus			
Role of the gods and fate			
Justice and Revenge			
Presentation of mythical creatures			
<i>xenia</i>			
<i>nostos</i>			
Barbarism and civilisation			
Deceit and Trickery			
Literary Devices			
Story telling devices			
Descriptive techniques			
Examination Skills			
Analysis of a passage – ‘what impression does it give’			
Summary of events			
Explanation of a wider question in the Odyssey			
Evaluation of a statement – ‘to what extent do you agree’			

Computer Science

For your summer exam you will be given 2 complete GCSE Papers based on Sections 1 to 7 of the specification.

Paper 1 covers sections 1-4

Paper 2 covers sections 3-7

The table shows the overall specification sections but you should refer to the full specification, pages 10 to 30, when organizing your revision. The hyperlinks will take you to the AQA website.

Topic	Revise 1	Revise 2	Consolidate
1. Fundamentals of algorithms			
2. Programming			
3. Fundamentals of data representation			
4. Computer systems			
5. Fundamentals of computer networks			
6. Fundamentals of cyber security			
7. Ethical, legal and environmental impacts of digital technology on wider society, including issues of privacy			

Latin

Topic	Revise 1	Revise 2	Consolidate
Vocabulary			
All GCSE vocabulary lists given to date			
Verbs			
Tenses – present, future, imperfect, perfect, pluperfect, future perfect			
Voices – active and passive			
Deponent and semi-deponent verbs			
Irregular verbs such as ‘sum’, ‘possum’, ‘eo’ and ‘fero’			
Nouns			
Declensions – 1-5			
Towns, small islands and domus			
Adjectives/Adverbs			
1 st /2 nd declension adjectives			
3 rd declension adjectives			
Comparatives and superlatives			
Forming adverbs			
Forming comparative and superlative adverbs			
quam and the ablative of comparison			
alius, alter and ceteri			
Conjunctions			
All conjunctions, including structures such as ‘nec tamen’ and ‘nec...nec’			
Pronouns			
Personal pronouns (ego, nos, tu, vos)			
Demonstratives such as ‘is’, ‘ille’ and ‘hic’			
Relative pronoun (qui, quae, quod)			

Other pronouns such as 'ipse' and 'idem'			
Constructions			
'dum' + historic present			
Expressions of time			
'quam' + superlative			
The relative clause			

English

Topic	Revise 1	Revise 2	Consolidate
Reading Skills:			
<p>Read carefully and with understanding.</p> <p>Identify facts and information from a passage of text and present them in the form of a list.</p> <p>Show understanding of what you have read by being able to back up your thoughts with evidence and make suggestions about what things mean.</p>			
<p>Identify and show understanding of the language used in a text: words/phrases/language features/language techniques/sentence forms.</p> <p>Show understanding of how the writer's choice of language can have an effect and influence a reader. Analyse the choice of language in detail.</p> <p>Use subject terminology to support your views e.g. nouns/verbs/adjectives/adverbs/pronouns/repetition/list s/ alliteration/ metaphors/ similes/personification/ellipsis/ rhetorical questions/simple sentences/ compound sentences/complex sentences.</p>			
<p>Show understanding of how the writer has structured a text from a whole text level, to a paragraph level and at a sentence level.</p> <p>Show understanding of how structure can achieve effects and influence readers. Analyse these effects in detail.</p> <p>Use subject terminology to support your views e.g. whole text: beginnings, changes of perspective, time shifts, endings, sense of journey, circular structure, chronology.</p> <p>paragraph level: topic change, discourse markers, cohesion, dialogue.</p> <p>sentence level: pauses, choice of words and phrases.</p>			

<p>Respond to a statement made about a text. Give a personal judgement about the text, showing that you are a thoughtful reader.</p> <p>Show that you can refer to a range of methods used by the writer to make you (the reader) feel a certain way.</p> <p>Evaluate critically and effectively the effects on the reader and give a critical response to the statement in the task.</p> <p>Present a strong, confident personal voice throughout and write from first person perspective e.g. "I agree with the statement in that I also feel that the writer is trying to make me empathise with the character and their situation."</p> <p>Use a range of evidence (quotations) from the text to support your points.</p> <p>Writer's methods can include any aspect of language and structure e.g. words and phrases, dialogue, tone, irony, characterisation, perspective, chronology.</p>			
Writing Skills:			
Show that you can write well and communicate clearly throughout the answer.			
Organise your writing so it makes sense. Write a plan before you begin.			
Write in paragraphs and use a variety of starting phrases (discourse markers) to structure your ideas.			
Show you have a good vocabulary and that you can use ambitious language to engage your reader.			
Show that you can vary your sentence types to make your writing interesting.			
Spell and punctuate your work to show that you clear and accurate. Use a range of punctuation.			
Show that you can write in an appropriate form for the task: this will be a piece of creative writing.			
Show that you can adapt your writing to suit the audience and purpose of the task.			
Choose interesting and imaginative ideas to write about.			

Geography

Topic	Revise 1	Revise 2	Consolidate
The Challenge of Natural Hazards			
Plate margins and types of plate movements			
Tropical storms characteristics and causes			
Tropical storm effects and responses (Hurricane Katrina)			
Global warming (causes, explanations and evidence)			
Urban Issues and Challenges			
Urbanisation (definition and causes)			
Traffic problems in an NEE and methods to manage this (Mumbai, India ONLY)			
Inequalities in urban areas in the UK			
Impacts of migration on the character of Leeds			
Environmental opportunities and challenges in Leeds			
The Changing Economic World			
GNI and the limitations of using this			
The use of tourism to reduce the development gap (Tunisia)			
Intermediate technology and international aid			
The link between TNCs and industrial development (Apple in China)			
Transport improvements in the UK			
Skills will be incorporated within examination questions such as analysing graphs, calculating differences, mean, median, range, measuring distance, interpreting images, map skills etc.			

History

Topic: Inter-War Period 1919-39	Revise 1	Revise 2	Consolidate
The aims of Lloyd George, Wilson and Clemenceau.			
Did the 'Big 3' achieve their aims?			
The key terms of the Treaty of Versailles.			
Germany's reaction to the Treaty of Versailles.			
The organisation and membership of the League of Nations.			
Successes of the league of Nations in the 1920s.			
The chronology of the Manchurian Crisis, and how it weakened the League of Nations.			
The chronology of the Abyssinian Crisis and how it weakened the League of Nations.			
Hitler's Foreign Policy Aims			
Events in the Saar, re-armament and conscription and the Anglo-Germany Naval Treaty.			
How the re-militarisation of the Rhineland increased tension.			
How Anschluss increased tension.			
The chronology of the Sudeten Crisis and the Munich Agreement.			
How the invasion of Czechoslovakia made war more likely.			
How the Nazi-Soviet Pact led to the outbreak of WW2.			
How the invasion of Poland led to WW2.			
Topic: America 1920-73 – Opportunity and Equality			
The impact of mass production, with special reference to Henry Ford.			
Causes of the 'boom' of the 1920s:- -Republican policies of 'laissez-faire'			

-the role of hire purchase and advertising -Tariff policies			
Inequalities of wealth: -farmers -'older' industries, such as coal mining.			
Cultural changes in the 1920s, including the role of women, and the development of jazz and cinema.			
Prohibition, gangsters, and increased crime.			
The Ku Klux Klan and the Red Scare.			
Impact of Immigration: Sacco and Vanzetti Case			
Impact of the Wall St Crash on the American people.			
Hoover's responses and unpopularity.			
Successes and limitations of Roosevelt's New Deal.			
Opposition to the New Deal.			
The Civil Rights Movement in the 1950s, with focus on Brown, Montgomery and Little Rock.			
The Civil Rights Movement in the 1960s, with focus on the roles played by Martin Luther King and Malcolm X.			

Mathematics Set 1

Every topic listed here can be found on the mymaths website (www.mymaths.co.uk). You can use the website to support your revision. You will need the username and password provided to you by your mathematics teacher in order to access the website.

Topic	Revise 1	Revise 2	Consolidate
1. Surds			
2. More complicated formulae – rearranging, substitution			
3. The sum of an arithmetic sequence			
4. Histograms			
5. Recurring decimals			
6. Compound interest problems			
7. Repeated percentage change			
8. Factorising $ax^2 + bx + c$			
9. Expanding more than two brackets			
10. Algebraic fractions			
11. Cyclic quadrilaterals, alternate segment and intersecting chords			
12. Upper and lower bounds for calculations			
13. Solving quadratic equations by factorising			
14. Solving quadratic equations by completing the square			
15. Solving quadratic equations by the quadratic formula			
16. Solving simultaneous equations			
17. Solving Linear and non-linear simultaneous equations			
18. Practical set language problems			
19. Probability - Tree diagrams			
20. Finding equations from straight line graphs			
21. Parallel and perpendicular lines			

22. Solving simultaneous equations using graphical method			
23. Solving problems with standard form			
24. Arcs and sectors			
25. Volume and surface area of a cone			
26. Volume and surface area of a sphere			
27. Negative and fractional indices			
28. Solving equations with quadratic graphs			
29. Areas of similar triangles			
30. Areas and volumes of similar shapes			

Mathematics Set 2

The topics below can be found in the Edexcel International GCSE Maths textbook in Chapters 1-8, 10-15, 17, 23, 28 and 30-33. The topics listed here can also be found on the mymaths website (www.mymaths.co.uk). You can use the website to support your revision. You will need the username and password provided to you by your mathematics teacher in order to access the website.

Topic	Revise 1	Revise 2	Consolidate
Multiples, factors, primes, square and cube numbers, products of prime factors and HCF, LCM			
Fractions and percentages including equivalent fractions, converting %/decimal/fraction, one number as a % of another, using multipliers, reverse problems and interest and depreciation			
BIDMAS, fractions including fraction of, add, subtract, multiply and divide mixed numbers			
Using negative numbers			
Square roots, cube roots			
Using set notation and Venn diagrams			
Ratio, speed, density, pressure and using direct proportion			

Rounding including to significant figures, approximating using rounding and upper and lower bounds			
Convert between metric units, read scales, time calculations, currency conversions, using a calculator			
Using equations and formulae including rearranging			
Manipulating algebra including simplify, expand, factorise including quadratics			
Solve linear equations including with unknowns on both sides and brackets, set up equations from words and diagrams, factorise and solve basic quadratic equations, solve basic simultaneous equations			
Use conversion, distance-time and speed-time graphs			
Equations of straight line graphs including mid-points and gradient			
Sequences including nth term of an arithmetic sequence			
Angle rules eg in a triangle, quadrilateral, on a straight line, vertically opposite, corresponding, alternate, supplementary including with algebra. Solve problems using interior and exterior angles of regular/irregular polygons. Name parts of a circle and use angle between tangent and radius.			
Line symmetry and rotational symmetry			
Transformations: translations, rotations about a point, fractional enlargements about a centre, reflections			
Frequency tables, pictograms, bar charts, pie charts			
Range and averages, mean, mode and median including from frequency tables, mode and estimated mean from grouped frequency tables			
Probability scale, finding probability as fractions, expected frequency, combining events, tree diagrams			

French

Topic	Revise 1	Revise 2	Consolidate
<ul style="list-style-type: none"> Friends, family and relationships Studio p6-20 			
<ul style="list-style-type: none"> Free Time Studio p 30-42 			
<ul style="list-style-type: none"> Food and festivals p 52-64 			
Grammar			
Regular verbs in the present tense			
Irregular verbs in the present tense such as <i>avoir, être, aller, faire</i>			
Using the past tense (imperfect)			
Using the past tense (perfect/ PAP)			
Giving opinions with reasons using <i>parceque</i> and <i>car</i>			
Asking questions			
Answering questions			
Using modal verbs: <i>devoir (je dois) pouvoir (je peux) vouloir (je veux)</i>			
Using the future tense <i>(je vais +infitive AND j'irai etc.)</i>			
Using articles <i>(le/la/les/un/une/des)</i>			
Using some adverbs of frequency and place			

Expressing preferences using <i>aimer, preferer, detester, adorer, selon moi, à mon avis etc.</i>			
Using plural nouns			
Using the conditional tense (<i>je voudrais</i>)			
Using several tenses together (<i>quand j'étais petite, je jouais au handball mais maintenant je joue au hockey</i>)			
Adjective agreements			
Using possessive adjectives (<i>mon/ma/ton/ta</i>)			
Using DOPs			
Using prepositions (<i>dans/sur/entre/à côté de</i>)			

You will also be tested on knowledge of vocabulary and structures from previous years. The best way to prepare for these papers is to learn as much vocabulary to recognise (you won't need to know the spellings). You will find the AQA vocabulary list in your folders. You can practise using the CPG vocabulary tester disc and Apps such as Quizlet, Memrise and Sporcle. You can also download for £1.99 : Cramit French GCSE Vocab. This App has lists of all the AQA GCSE vocabulary, you can hide the translations and make lists of vocabulary you don't know. Great for revision on the move!

The examination will have four parts, the Speaking will take place prior to exam week. The listening, reading and writing will be tested in the exam hall lasting one hour.

Speaking

You will do a speaking test a lesson prior to exam week. This will consist of:

- A role play
- A photo card
- General conversation

Listening

You will be given a GCSE-style Listening Examination paper in a languages classroom. Most of the vocabulary will be linked to topics you have studied. You will be given some extra vocabulary if necessary.

Reading and Writing

This will be a GCSE-style Reading paper where you will read a variety of texts in French with matching, true/false, answers in French, gap –fill tasks to complete.

In addition to learning vocabulary, you should learn the different verb endings for different tenses and use your textbook to practise reading comprehension.

There will also be two translations. One from French into English, the other from English into French.

Finally there will be a writing task of at least 90 words based on a topic you have done this academic year. You will have to refer to the past, present and future and give detailed descriptions and opinions.

To prepare for the writing you will need to revise the grammar points on the revision grid and look at the examples you have done and been given.

German

Chapters	Revise 1	Revise 2	Consolidate
Chapter 1 - School Stimmt p 6-27			
School subjects			
Clothes			
Pencil case items			
What are you looking forward to this year?			
Giving opinions			
Talking about the school day			
School rules			
Types of German school			
School exchange			
Chapter 2 - Free time Stimmt p 28-46			
Leisure activities			
Reading			
Music			
Film and TV			
Sports			
Celebrations and festivals			
Chapter 3 - Friends and relationships Stimmt p 48-66			
What makes a good friend?			
Discussing relationships			
Opinions about marriage			
Weekend activities			
Life when you were younger			

Chapter 4 – Where I live Stimmt p 76-84			
Saying where you live			
Food and drink items			
Greeting an exchange partner			
Describing your house			
Typical daily routine			
Traditional German meals			
Staying fit and healthy			
Social media and technology			
Advantages and disadvantages of social media			
Grammar			
Verbs in the present tense e.g. <i>ich gehe</i>			
Using the past tense (imperfect) e.g. <i>ich ging</i>			
Using the past tense (perfect) e.g. <i>ich bin ... gegangen, ich habe .. gemacht</i>			
Giving opinions e.g. <i>ich mag, es gefällt mir, ich liebe</i>			
Developing answers with reasons - <i>denn and weil (because)</i>			
Using 'kicking' words – <i>weil, wo, obwohl, wenn, als</i>			
Using inversion - e.g. <i>jedoch + verb, deshalb + verb</i>			
Asking questions (<i>wann, wo, warum, was, wer, wie viel, wie viele</i>)			
Answering questions (using the question to make an answer)			
Using modal verbs: <i>müssen, können, dürfen + infinitive</i>			

Using the future tense e.g. <i>ich werde ... gehen</i>			
Using nouns and articles e.g. <i>einen, eine, ein and der, die, das</i>			
Using some adverbs of frequency and place e.g. <i>oft, immer, nie, dort</i>			
Using several tenses together			
Reviewing adjectives (<i>eine gute Freundin, einen jüngeren Bruder</i>)			
Using possessive adjectives (<i>mein, dein, sein, ihr</i>)			
Using the dative with <i>mit</i> (e.g. <i>mit meiner Familie</i>)			
Using separable verbs in the present and perfect tenses (<i>ich sehe fern, ich habe ferngesehen</i>)			
Using the prepositions <i>in</i> and <i>on</i> (<i>ins Kino</i>)			
Using modal verbs in the imperfect tense (<i>ich wollte, ich musste + infinitive</i>)			
Using irregular verbs in the present tense (<i>er liest, du schläfst</i>)			
Using separable verbs (<i>ich kaufe ein</i>)			
Understanding the different registers : <i>du/Sie</i> if you know the person or if you are being polite			
Using the accusative and dative with prepositions (<i>movement/static</i>) - <i>an, auf, hinter, in, neben, über, unter, vor, zwischen</i>			
Using reflexive verbs (<i>sich treffen - ich treffe mich</i>)			
Giving opinions in the past tense (<i>es war, es hat ... geschmeckt</i>)			
Using a range of pronouns (<i>mich, mir</i>)			
Using <i>wenn</i> clauses (<i>kicks the verb to the end of the clause</i>)			

Giving complex opinions with <i>dass</i> (kicks the verb to the end of the clause)			
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You will also be tested on knowledge of vocabulary and structures from U4 (FCSE) and L5. The best way to prepare for these papers is to learn lots of vocabulary on Quizlet. You will find the AQA vocabulary list in your folders and on Quizlet. You can practise using the CGP vocabulary tester disc and Apps such as Quizlet, Memrise and Sporcle. You can also download for £1.99 : Cramit German GCSE Vocab. This App has lists of all the AQA GCSE vocabulary, you can hide the translations and make lists of vocabulary you don't know. Great for revision on the move!

The examination will have four parts, the Listening and Speaking will take place prior to exam week. The Reading and Writing will be tested in the exam hall.

Speaking

You will do a speaking test a lesson prior to exam week. This will consist of:

- A role play (lasts about 2 minutes)
- A photo card (lasts between 2 and 3 minutes)
- General conversation (lasts about 2 to 4 minutes)

Listening

You will be given a GCSE-style Listening Examination paper in a languages classroom. Most of the vocabulary will be linked to topics you have studied. You will be given some extra vocabulary if necessary. The questions will include matching, true/false, answers in German and gap- fill tasks.

Reading

This will be a GCSE-style Reading paper where you will read a variety of texts in German with matching, true/false, answers in German and gap-fill tasks to complete.

In addition to learning vocabulary, you should learn the different verb endings for different tenses and use your textbook to practise reading comprehension.

There will also be one translation; from German into English.

Writing

There will be two writing tasks based on the topics you have done. For Foundation tier, one of approximately 40 words, the other at least 90 words. For Higher tier, one of at least 90 words and one of around 150 words.

To prepare for the writing you will need to revise the grammar points on the revision grid and look at the examples you have done and been given.

You will have to refer to the past, present and future and give detailed descriptions and opinions. You should also use a range of more complex structures where possible.

There will also be one translation; from English into German.

Spanish

Topic	Revise 1	Revise 2	Consolidate
Vocabulary You will be tested on your knowledge of the topics that you have covered so far this year. Please refer to the Quizlet sets listed on the year plan : Holidays Viva p 6-27			
School Viva p 28-49			
Family, friends and relationships Viva p 50-71			
Free time (Cinema / Music) Viva p 72-93			
Language and Grammar revision : Key verbs for activities, opinions, reasons and descriptions in the present , past and future (as listed on holidays speaking checklist)			
Complex phrases : worksheet with examples e.g. si tuviera el dinero, me gustaría; desde hace; suelo jugar..)			
Learn language from your writing frame (A3 paper with space to put in A4 file paper)			
Grammar booklet and sheets with verb tenses in your file			
Grammar (see Grammar section in back of Viva books on Active Learn and the Grammar and Translation workbook)			
Nouns and gender (el/la/los/las) p 222-223			
Adjectives : agreement and position p 224-5			
Present tense regular verbs p 201-209			
Present tense irregular verbs p 201			
Present tense reflexive verbs p 211			
Preterite tense regular regular verbs (especially 1st and 3rd person : "I", "we", "he/she", "they" p 212-213			
Imperfect tense (especially " había", "tenía", "era", "estaba") p 214-215			
Near future tense and conditional tense (e.g. voy a nadar / sería - it would be ...etc)			
Connectives			

You will also be tested on knowledge of vocabulary and structures from previous years. The best way to prepare for these papers is to learn lots of vocabulary. You will find the AQA vocabulary on Quizlet and in your folders. The examination will have four parts, the Speaking and Listening will take place prior to exam week. The reading and writing will be tested in the exam hall.

Speaking

- You will do a speaking test a lesson prior to exam week. This will consist of :
- A role play
- A photo card
- General conversation

Listening

You will be given a GCSE-style Listening Examination paper in a languages classroom. Most of the vocabulary will be linked to topics you have studied. You will be given some extra vocabulary if necessary.

Reading and Writing

This will be a GCSE-style Reading paper where you will read a variety of texts in Spanish with matching, true/false, answers in Spanish, gap –fill tasks to complete.

In addition to learning vocabulary, you should learn the different verb endings for different tenses and use your topic booklets and Active Learn to practise reading and listening comprehension.

There will also be two translations. One from Spanish into English, the other from English into Spanish.

Finally, there will be a writing task of at least 90 words based on a topic you have done this academic year. You will have to refer to the past, present and future and give detailed descriptions and opinions.

To prepare for the writing you will need to revise the grammar points on the revision grid and look at the examples you have done and been given.

Music

Topic	Revise 1	Revise 2	Consolidate
Keywords			
Instruments			
Structure			
Harmony			
Tonality			
Texture			
Rhythm and Metre			
Melody			
Set Works			
Afro Celt Sound System			
Esperanza Spalding			
Fusion wider listening (such as Beautiful Wasteland)			
Purcell			
Queen			
Vocal wider listening (such as Alicia Keys)			
Wicked			
Star Wars			
Stage and screen wider listening (such as Dear John)			
Dictation			

The exam will be a listening exam containing the following:

- A set of questions on each of the 6 works we have studied so far
- A set of questions on an unfamiliar piece of music
- A dictation question testing both rhythm and melody
- A comparative essay comparing one of the set works with an unfamiliar piece

Physical Education & Sports Studies

Topic	Revise 1	Revise 2	Consolidate
1. Applied Anatomy and Physiology			
Musculoskeletal system			
Cardio-respiratory system			
Anaerobic and aerobic exercise			
Effects of Exercise			
2. Movement analysis			
Lever Systems			
Planes and axes of movement			
3. Physical Training			
Health and Fitness			
Fitness			
Training			
Injury Prevention			
Warming up and cooling down.			
4. Use of Data			
Data collection and graphs related to heart rate recordings and spirometer trace.			

Religious Studies

Page 2 of all the revision booklets I have provided you have a copy of the specification and everything you need to know.

Topic	Revise 1	Revise 2	Consolidate
Crime and Punishment			
Christian beliefs			
Religion and Life			
Existence of God			

Biology: Double award

Green = Upper 4 content

Yellow = Lower 5 content

Specification reference and Topic	Revise 1	Revise 2	Consolidate
4.1.1.1 Eukaryotes and prokaryotes			
4.1.1.2 Animal and plant cells			
4.1.1.3 Cell specialisation			
4.1.1.4 Cell differentiation			
4.1.1.5 Microscopy			
4.1.2.1 Chromosomes			
4.1.2.2 Mitosis and the cell cycle			
4.1.2.3 Stem cells			
4.1.3.1 Diffusion			
4.1.3.2 Osmosis			
4.1.3.3 Active transport			
4.2.1 Principles of organisation			
4.2.2.1 The human digestive system			
4.2.2.2 The heart and blood vessels			
4.2.2.3 Blood			
4.2.2.4 Coronary heart disease: a non-communicable disease			
4.2.2.5 Health issues			
4.2.2.6 The effect of lifestyle on some non-communicable diseases			
4.2.2.7 Cancer			
4.3.1.1 Communicable (infectious) diseases			
4.3.1.2 Viral diseases			
4.3.1.3 Bacterial diseases			
4.3.1.4 Fungal diseases			

4.3.1.5 Protist diseases			
4.3.1.6 Human defence systems			
4.3.1.7 Vaccination			
4.3.1.8 Antibiotics and painkillers			
4.3.1.9 Discovery and development of drugs			
4.4.2.1 Aerobic and anaerobic respiration			
4.4.2.2 Response to exercise			
4.4.2.3 Metabolism			
4.4.1.1 Photosynthetic reaction			
4.4.1.2 Rate of photosynthesis			
4.4.1.3 Uses of glucose from photosynthesis			

Biology: Triple Award

Green = Upper 4 content

Yellow = Lower 5 content

Specification reference and Topic	Revise 1	Revise 2	Consolidate
4.1.1.1 Eukaryotes and prokaryotes			
4.1.1.2 Animal and plant cells			
4.1.1.3 Cell specialisation			
4.1.1.4 Cell differentiation			
4.1.1.5 Microscopy			
4.1.2.1 Chromosomes			
4.1.2.2 Mitosis and the cell cycle			
4.1.2.3 Stem cells			
4.1.3.1 Diffusion			
4.1.3.2 Osmosis			
4.1.3.3 Active transport			
4.2.1 Principles of organisation			
4.2.2.1 The human digestive system			
4.2.2.2 The heart and blood vessels			
4.2.2.3 Blood			
4.2.2.4 Coronary heart disease: a non-communicable disease			
4.2.2.5 Health issues			
4.2.2.6 The effect of lifestyle on some non-communicable diseases			
4.2.2.7 Cancer			
4.3.1.1 Communicable (infectious) diseases			
4.3.1.2 Viral diseases			
4.3.1.3 Bacterial diseases			
4.3.1.4 Fungal diseases			

4.3.1.5 Protist diseases			
4.3.1.6 Human defence systems			
4.3.1.7 Vaccination			
4.3.1.8 Antibiotics and painkillers			
4.3.1.9 Discovery and development of drugs			
4.4.2.1 Aerobic and anaerobic respiration			
4.4.2.2 Response to exercise			
4.4.2.3 Metabolism			
4.4.1.1 Photosynthetic reaction			
4.4.1.2 Rate of photosynthesis			
4.4.1.3 Uses of glucose from photosynthesis			
4.1.1.6 Culturing microorganisms			
4.3.2.1 Producing monoclonal antibodies			
4.3.2.2 Uses of monoclonal antibodies			
4.3.3.1 Detection and identification of plant diseases			
4.3.3.2 Plant defence responses			

Chemistry: Double Award

Spec Ref.	Yr	Topic	CGP Rev guide	Revise 1	Revise 2	Consolidate
5.1.1 Atomic structure	U4	5.1.1.1 Atoms, elements and compounds 5.1.1.2 Mixtures 5.1.1.3 The development of the model of the atom 5.1.1.4 Relative electrical charges of subatomic particles 5.1.1.5 Size and mass of atoms 5.1.1.6 Relative atomic mass 5.1.1.7 Electronic structure	16-23 31-33			
5.2 Bonding, structure, and the properties of matter	U4	5.2.1 Chemical bonds, ionic, covalent and metallic 5.2.2 How bonding and structure are related to the properties of Substances 5.2.3 Structure and bonding of carbon	26-29 47-65			
5.1.2 The periodic table	U4	5.1.2.1 The periodic table 5.1.2.2 Development of the periodic table 5.1.2.3 Metals and non-metals 5.1.2.4 Group 0 5.1.2.5 Group 1 5.1.2.6 Group 7	37, 39-43 Not Trans metals p38			
5.4.1 Reactivity of metals	L5	5.4.1.1 Metal oxides 5.4.1.2 The reactivity series 5.4.1.3 Extraction of metals and reduction 5.4.1.4 Oxidation and reduction in terms of electrons (HT only)	94-98			

5.4.2 Reactions of acids	L5	5.4.2.1 Reactions of acids with metals 5.4.2.2 Neutralisation of acids and salt production 5.4.2.3 Soluble salts 5.4.2.4 The pH scale and neutralisation 5.4.2.5 Strong and weak acids (HT only)	87, 90-92 Not Titration p88-89			
5.6.1 Rate of reaction	L5	5.6.1.1 Calculating rates of reactions 5.6.1.2 Factors which affect the rates of chemical reactions RP5: Rate of reactions 5.6.1.3 Collision theory and activation energy 5.6.1.4 Catalysts	117-124			
5.7 Organic chemistry	L5	5.7.1.1 Crude oil, hydrocarbons and alkanes 5.7.1.2 Fractional distillation and petrochemicals 5.7.1.3 Properties of hydrocarbons 5.7.1.4 Cracking and alkenes	132-135			
5.9 Chemistry of the atmosphere	L5	5.9.1 The composition and evolution of the Earth's atmosphere 5.9.2 Carbon dioxide and methane as greenhouse gases 5.9.3 Common atmospheric pollutants and their sources	163-169			
5.8 Chemical analysis	L5	5.8.1 Purity, formulations and chromatography 5.8.2 Identification of common gases	152-155			
5.10 Using resources	L5	5.10.1.1 Using the Earth's resources and sustainable development 5.10.1.2 Potable water RP8: Water purification 5.10.1.3 Waste water treatment	178-182 184-186			

	5.10.1.4 Alternative methods of extracting metals (HT only) 5.10.2.1 Life cycle assessment 5.10.2.2 Ways of reducing the use of resources				
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Chemistry: Triple Award

Spec Ref.	Yr	Topic	CGP Rev. Guide	Revise 1	Revise 2	Consolidate
4.1.1 Atomic structure	U4	4.1.1.1 Atoms, elements and compounds	16-23 31-33			
		4.1.1.2 Mixtures				
		4.1.1.3 The development of the model of the atom				
		4.1.1.4 Relative electrical charges of subatomic particles				
		4.1.1.4 Size and mass of atoms				
		4.1.1.6 Relative atomic mass				
		4.1.1.7 Electronic structure				
4.2 Bonding, structure, and the properties of matter	U4	4.2.1 Chemical bonds, ionic, covalent and metallic	26-29 47-65			
		4.2.2 How bonding and structure are related to the properties of Substances				
	L5T	4.2.3 Structure and bonding of carbon	66-67			
4.1.2 The periodic table	U4	4.1.2.1 The periodic table	37, 39-43			
		4.1.2.2 Development of the periodic table				
		4.1.2.3 Metals and non-metals				
		4.1.2.4 Group 0				
		4.1.2.4 Group 1				
		4.1.2.6 Group 7				
L5T	4.1.3 Properties of transition metals	38				

4.4.1 Reactivity of metals	L5T	4.4.1.1 Metal oxides 4.4.1.2 The reactivity series 4.4.1.3 Extraction of metals and reduction 4.4.1.4 Oxidation and reduction in terms of electrons (HT only)	94-98			
4.4.2 Reactions of acids	L5T	4.4.2.1 Reactions of acids with metals 4.4.2.2 Neutralisation of acids and salt production 4.4.2.3 Soluble salts 4.4.2.4 The pH scale and neutralisation 4.4.2.5 Strong and weak acids (HT only)	87, 90-92 Not Titrations p88-89			
4.7 Organic chemistry	L5T	4.7.1.1 Crude oil, hydrocarbons and alkanes 4.7.1.2 Fractional distillation and petrochemicals 4.7.1.3 Properties of hydrocarbons 4.7.1.4 Cracking and alkenes	132-135			
	L5T	4.7.2 Reactions of alkenes and alcohols 4.7.3 Synthetic and naturally occurring polymers	138-142 144-149			
4.9 Chemistry of the atmosphere	L5T	4.9.1 The composition and evolution of the Earth's atmosphere 4.9.2 Carbon dioxide and methane as greenhouse gases	163-169			

		4.9.3 Common atmospheric pollutants and their sources				
4.8 Chemical analysis	L5T	4.8.1 Purity, formulations and chromatography 4.8.2 Identification of common gases	152-155			
	L5T	4.8.3 Identification of ions by chemical and spectroscopic means	157-160			
4.10 Using resources	L5T	4.10.1.1 Using the Earth's resources and sustainable development 4.10.1.2 Potable water RP8: Water purification	178-182			
		4.10.1.3 Waste water treatment 4.10.1.4 Alternative methods of extracting metals (HT only) 4.10.2.1 Life cycle assessment 4.10.2.2 Ways of reducing the use of resources	184-186			

Physics: Double Award

Use your specifications.

Topic	Revise 1	Revise 2	Consolidate
6.5.1 Forces and their interactions 6.5.1.1 – Scalar and vector quantities 6.5.1.2 – Contact and non-contact forces 6.5.1.3 – Gravity 6.5.1.4 – Resultant Forces			
6.5.2 Work done by energy transfer			
6.5.3 Forces and elasticity			
6.5.4 Forces and motion <u>6.5.4.1 – Describing motion along a line</u> 6.5.4.1.1 – Distance and displacement 6.5.4.1.2 – Speed 6.5.4.1.3 – Velocity 6.5.4.1.4 – The distance – time relationship. 6.5.4.1.5 – Acceleration <u>6.5.4.2 Forces, accelerations and Newton's Laws of motion</u> 6.5.4.2.1 – Newton's First Law 6.5.4.2.2 – Newton's Second Law 6.5.4.2.3 – Newton's Third Law <u>6.5.4.3 Forces and braking</u> 6.5.4.3.1 – Stopping distance 6.5.4.3.2 – Reaction time 6.5.4.3.3 – Factors affecting braking distance 1 6.5.4.3.4 – Factors affecting braking distance 2			
6.5.5 Momentum 6.5.5.1 Momentum is a property of moving objects. 6.5.5.2 – Conservation of momentum.			
6.4.1 Atoms and Isotopes 6.4.1.1 – Structure of the atom			

<p>6.4.1.2 – Mass number, atomic number and isotopes</p> <p>6.4.1.3 – The development of the model of the atom.</p>			
<p>6.4.2 Atoms and Nuclear Radiation</p> <p>6.4.2.1 - Radioactive decay and nuclear radiation</p> <p>6.4.2.2 - Nuclear Equations</p> <p>6.4.2.3 – Half lives and the random nature of decay</p> <p>6.4.2.4 – Radioactive contamination</p>			
<p>6.3.1 Changes of state and the particle model</p> <p>6.3.1.1- Density of Materials</p> <p>6.3.1.2 – Changes of state</p>			
<p>6.3.2 Internal energy and energy transfers</p> <p>6.3.2.1 – Internal Energy</p> <p>6.3.2.2 – Temperature changes in a system and specific heat capacity.</p> <p>6.3.2.3 – Changes of heat and latent heat</p>			
<p>6.3.3 Particle model and pressure</p> <p>6.3.3.1 – Particle motion in gases</p>			
<p>6.1.1.1 - Energy stores and systems</p> <p>6.1.1.2 - Changes in energy</p> <p>6.1.1.3 -Energy changes in systems</p> <p>6.1.1.4 - Power</p> <p>6.1.2.1-Energy transfers in a system</p> <p>6.1.2.2 Efficiency</p> <p>6.1.3 - National and global energy resources</p>			

Physics: Triple Award

All Double Award topics above as well as the following triple topics

Topic	Revise 1	Revise 2	Consolidate
4.3.3.2 Pressure in gases			
4.3.3.3 Increasing the pressure of a gas			
4.4.3.1 Background radiation			
4.4.3.2 Different half-lives of radioactive isotopes			
4.4.3.3 Uses of nuclear radiation			
4.4.4.1 Nuclear fission			
4.4.4.2 Nuclear fusion			
4.5.4 Moments, levers and gears			
4.5.5.1 Pressure in a fluid			
4.5.2 Atmospheric pressure			
4.5.7.3 Changes in momentum			