## Year 10





#### SECONDARY SCHOOL KEY ASSESSMENT 3

TIMETABLE AND REVISION GUIDANCE



For any queries relating to individual subjects, please email the relevant class teacher or Head of Faculty. If you have any queries relating to assessments or you would like further information regarding Key Assessments, please do not hesitate to email Matthew Morris at mmorris@kingstoneacademy.co.uk.

Key Assessment 3 Timetable (Term 3 2024-25)								
	Week A - 23/6/2025							
Time	Times Monday Tuesday Wednesday Thursday Friday							
9.00am	P1	Year 10 Spanish Reading and				Barcelona Trip (No Assessments)	Assessments in Black the Performing Hal	
10.00am	P2	Writing [75 Minutes]	10D French Listening [50 Minutes]		Year 10 Music [40 Minutes]		examina	ation.
11.20am	Р3	Year 10 Maths [2 hours]	Year 10 Chemistry [30 Minutes]	Year 10 Physics [30 Minutes] Year 10 Drama [75 Minutes]*			Assessments in red classrooms at the d	•
12.20pm	P4	rear 10 Matris (2 nours)		Year 10 Drama [75 Minutes]*	Year 10 History Paper 2 [40 Minutes]			
2.20pm	P5	Year 10 Biology [30 Minutes]	Year 10 History Paper 3 [40 Minutes]	Year 10 Food Practical [1 Hour]	Year 10 Sport Science [30 Minutes] Year 10 GCSE PE [40 Minutes] Year 10 Additional Maths [1 Hour]			
			We	eek B - 30/6/2025				
Time	es .	Monday	Tuesday	Wednesday	Thursday	Friday		
9.00am	P1				Year 10 Geography [90 Minutes]	Year 10 Computer Science [90 Minutes] Year 10 Food Paper 1 [105 Minutes]		
10.00am	P2				real 10 Geography [50 Minutes]	Year 10 Religious Education [2 Hours]		
11.20am	Р3	Barcelona Trip (No Assessments)	Three College Taster Day (No Assessments)	Year 10 French Reading and		10C Spanish Listening [50 Minutes]		
12.20pm	P4			Writing [75 Minutes]		10D Spanish Listening [50 Minutes]		
2.20pm	P5				10B French Listening (50 Minutes)			

Year 10			
Key Assessment 3 Revision Guide			
Art & I	Design		
Exam Length	1 hour 40 minutes (over 2 lessons)		
Topics to Revise	Drawing assessment- each student will complete a mixed media drawing of an		
&	fantastic and strange themed animal made up of 3 different animals on A3		
Success Criteria	paper. The students will plan and prepare in the lesson before hand to gain feedback and guidance.  The students will be assessed on the key drawing skills they have learnt this half term:  • Quality of line • Detail • Accuracy • Shading • Application of tone		
Resources (including useful websites	Your sketchbook – you will be allowed this during the assessment.  GCSE Art and Design – Eduqas -Drawing KHS Drawing Revision Guide.pptx		

Year 10				
Key Assessment 3 Revision Guide				
Computer Science				
Exam Length 1 hour 30 minutes (80 Marks)				
Topics to Revise	Converting numbers between binary and denary			
&	Minimum and maximum binary representations			
Success Criteria	Binary shift Converting numbers between hex and denary Binary addition The fetch-execute cycle Registers and their purposes Characteristics affecting CPU performance Embedded systems ROM, RAM and virtual memory Description of sound sampling; bit depth Secondary storage devices Open source vs proprietary software Program input and output Syntax error Logic errors in an algorithm Truth table Logic circuit Complete the flowchart Improving the maintainability of an algorithm Complete the function			

Resources (including useful websites

Isaaccomputerscience.org
W3schools.com/python
Thursday lunchtime coding club (m12)

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Key Assessment 3 Revision Guide
Design Technology

Design	Technol	loav
Design		$\mathbf{U}\mathbf{G}\mathbf{G}\mathbf{J}$

	<b>9</b>
Exam Length	50 Mins
Topics to	Assessment test- Unit 2
Revise	Common specialist technical principles
&	This assessment is a test of all the work we have covered this half term.
Success	-Forces and stresses
Criteria	-Ecological and social impact
	-Improving functionality
	-Scales of production
	-The six R's
Resources	Seneca- online free resource (select AQA exam board)
(including	BBC Bitesize
useful	
websites	

# Year 10 Key Assessment 3 Revision Guide English Exam Length Varied Topics to Revise You will be aware from your lessons that your Key Assessment 3 for Year 10 English is your Spoken Language Endorsement and all preparation for this has been during lesson time. Success Criteria

#### Food

Exam Length	Written Assessment 60 minutes & Practical Assessment 60 minutes.
Topics to Revise &	Practical assessment - each student will complete a practical lesson where they will assessed on the topics that they have learnt this half term. Students will demonstrate that they can:
Success Criteria	<ul> <li>Work safely and hygienically</li> <li>Selecting the correct equipment</li> <li>Use of a cooker</li> <li>Knife skills</li> <li>Working at a good pace</li> <li>Working independently</li> </ul>
	<ul> <li>Written assessment- each student will complete a written assessment which will check their knowledge of the topics and skills learnt so far this rotation. Students will need to know: <ul> <li>Cake making methods</li> <li>Factors that affect food choices</li> <li>Dietary needs</li> <li>Proteins- sources, function, LBV and HBV, protein complementation, protein alternatives denaturing and coagulation.</li> <li>Micronutrients</li> </ul> </li> </ul>
Resources (including useful websites	<ul> <li>Exercise books</li> <li>BBC Bitesize</li> <li><a href="https://www.bbc.co.uk/bitesize/subjects/zdn9jhv">https://www.bbc.co.uk/bitesize/subjects/zdn9jhv</a></li> <li>Students can also use websites such as SENECA and other online revision tools.</li> </ul>

#### French

Exam Length	1hr 15minutes
Topics to	Free time activities
Revise	Holidays
	Celebrations
&	Area where I live
	Environment
Success	
Criteria	Success criteria
	<ul> <li>I can understand the key points of longer written passages of French</li> <li>I can write longer paragraphs in French to show my range of vocabulary and level of grammar</li> </ul>
	<ul> <li>I can write in different time frames – past/future/conditional</li> </ul>
	I can understand detailed opinions and justify my opinions
	<ul> <li>I can use and understand imperatives/modal verb structures</li> </ul>
	I can use negatives
	I have included examples of more complex language where I can.
Resources	Topic vocabulary for each unit in blue exercise book
(including	Work booklets from previous topics – in your folder
useful	This is school – <u>www.thisisschool.com</u> - listening and grammar tasks
websites	online
	BBC Bitesize KS4 French topic-based revision for reading and listening

#### Geography

Exam Length	90 Mins
Topics to Revise & Success Criteria	The work we have covered so far this year. Topics include:  Bristol – Its importance and changes within the city (eg Habourside Redevelopment), how Bristol is becoming more environmentally friendly.  Extreme Weather – Tropical Storms including Typhoon Haiyan, Somerset Levels Flood of 2013/14, Causes and impact of climate change  Development - This includes measuring development, Demographic Transition Model and Population Structures, Reasons for uneven development and what can be done to close the development gap (eg Fair Trade, Large & Small Aid projects and Tourism)  Nigeria – This includes looking at how and why Nigeria has developed, such as the changes in trading patterns and the impact of Shell Oil.  UK Economy – How and why the UK's employment structure has changed, including the growth of Science Parks such as Cambridge. It also includes the regional differences
	(North/South Divide) and attempts to resolve this eg HS2
Resources (including useful websites	Your main focus for revision should be your exercise book. There are revision guides and websites available. Please ensure they are for AQA GCSE Geography

#### History

	,
Exam Length	2 x 40 minute papers (paper 2 and paper 3)
Topics to	The assessment will focus on all three topics currently covered:
Revise	<ul> <li>Paper 2: Anglo-Saxons and Norman Conquest</li> </ul>
	Paper 2: Super Powers and Cold War
&	Paper 3: Weimar and Nazi Germany
Success	There will be two types of exam questions to answer for Cold War:
Criteria	<u>Narrative Account</u>
	Analyse an event of the Cold War and put it in a chronological
	sequence, that shows understanding of it's causes and
	consequences.
	<u>Consequences</u>
	<ul> <li>Describe how an event of the Cold War led to further</li> </ul>
	developing relations between the superpowers or causing
	further conflict.
	There will also be two types of exam questions for the Anglo-Saxons
	and Normans topic:
	<u>Describe a feature</u>
	State a feature of something in Anglo-Saxon or Norman England
	and then explain what that looked like or its purpose in detail.
	Explain why
	Three reasons given for a change or development during the
	Anglo-Saxon and Norman period. Use of SPEND and accurate
	detail to support explanations.
	Finally, there will be three types of exam questions to answer for the
	Weimar and Nazi Germany topic:
	What is the difference between two interpretations
	Use two interpretations to identify the overall theme of
	difference. Reference to quotes from both interpretations to
	support the difference.
	How far do you agree with the statement
	Have a balanced argument of how some people may agree or
	disagree with the statement. Use of interpretations to support
	your justification.
	•
	Include evidence (own knowledge) to support why people      agree or disagree.
	agree or disagree.
	Give your opinion at the end, if you agree or disagree with the
	statement.

#### Resources (including useful websites

School Sharepoint folder for revision (be careful to check which topics you need to revise this time as it covers the full course):

<u>History Revision</u>

Knowledge Organisers:

Please use your knowledge organisers in your exercise books (at back of book). These have the key vocabulary and information of each topic.

<u>Weimar and Nazi Germany, 1918-39 - Weimar Germany overview -</u> Edexcel - GCSE History Revision - Edexcel - BBC Bitesize

Normans - GCSE History - BBC Bitesize

<u>Superpower relations and the Cold War, 1941-1991 - The Cold War</u> overview - Edexcel - GCSE History Revision - Edexcel - BBC Bitesize

Seneca:

Complete Seneca recap learning tasks to go over the core knowledge of each topic.

<u>Seneca - Learn 2x Faster</u> Anglo-Saxon and Norman England

Seneca - Learn 2x Faster Cold War

<u>Seneca - Learn 2x Faster</u> Weimar and Nazi Germany

#### **Mathematics- FOUNDATION PAPER**

Exam Length	2 Hours (120 marks)		
Topics to	General number skills - place value, rounding etc		
Revise	Probability words		
	Convert fractions, fraction of amount, percentage of amount		
&	Money problems		
	Expressions, substitutions		
Success	Coordinates		
Criteria	Probability scale, ratio		
	Simplifying, solving, substitution		
	Conversion graphs		
	Proportion problems		
	Train timetables		
	Simplifying ratio		
	Reflection, rotational symmetry		
	Compound measures, scale drawings		
	Factorise, rearrange formula		
	Angle proofs		
	Decimal and fraction calculations		
	Algebraic area of a rectangle		
	Averages - find numbers in the list		
	3D shapes		
	Estimation		
	Prime factorisation		
	Critisise questionnaire		
	Form and solve eugations		
	Ratio and fractions		
	Inverse proportion		
	Reverse percentages, multipliers		
	Simultaenous equations		
	Standard form calculations		
Resources	Use your Sparxmaths login to find the main revision task for this assessment.		
(including	You can also use:		
useful	Corbettmaths for extra videos and questions.		
websites	ixl.com for explainers and other questions.		

#### **Mathematics- HIGHER PAPER**

Exam Length	2 Hours (120 marks)		
Topics to	Estimation		
Revise	Solving equation with unknown on both sides		
	Prime factorisation		
&	Critisise graphs		
	Critisise questionnaire		
Success	Form and solve equation		
Criteria	Ratio and fractions		
	Number properties - always, sometime never		
	Inverse proportion		
	Reverse percentages, multipliers		
	Simultaneous equations		
	Standard form calculations		
	Laws of indices		
	Nth term		
	Inverse proportion		
	Shading inequalities in context, histograms		
	Factorise quadratics		
	Cylinder - surface area and volume		
	Probability		
	Exact trigonometry values		
	Mean with surds		
	Completing the square		
	Vector proofs		
	Graph transformations		
Resources	Use your Sparxmaths login to find the main revision task for this assessment.		
(including	You can also use:		
useful	Corbettmaths for extra videos and questions.		
websites	ixl.com for explainers and other questions.		

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#### Mathematics- Additional Maths

	Manionano / Manionan Manio
Exam Length	1 Hour (45 marks)
Topics to	Factorise a quadratic expression, hence, solve a quadratic equation,
Revise	expression completed square form, find least value.
	Differentiate expressions.
&	Simplifying algebraic fractions.
	Pythagoras' Theorem and trigonometry in 3D.
Success	Factor and Remainder Theorem.
Criteria	Find coordinates and nature of stationary points.
	Calculate the distance and gradient of the straight line that passes
	through two points.
Resources	All teaching powerpoints and solutions to past paper question are on
(including	Teams.
useful	Use your Sparxmaths login to find the main revision task for this assessment.
websites	You can also use:
	Corbettmaths for extra videos and questions.
	ixl.com for explainers and other questions.

#### Music

Exam Length	50 minutes					
Topics to	Topics to Revise					
Revise	Area of Study 1: Musical Forms and Devices					
NO VISO	Musical devices (repetition, anacrusis, sequence, ostinato etc.)					
&	Features of the Baroque, Classical and Romantic eras					
_	Cadences (Perfect, plagal, imperfect and interrupted) and be able					
Success	to identify them aurally and from a score					
Criteria	Binary, Rondo, Strophic, Theme & Variation and Ternary Form					
Cinena	Metre: Simple and compound time     Santas and the sign (value of a state).					
	Scales and major/minor chords.  Addulations: what it is and what they sound like.					
	<ul> <li>Modulations: what it is and what they sound like</li> <li>Instruments and their orchestral families</li> </ul>					
	<ul> <li>Musical elements (Melody, tonality, dynamics, texture etc.)</li> </ul>					
	<ul> <li>Musical intervals i.e. 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup></li> </ul>					
	Badinerie					
	All terms from your glossary and fact sheet e.g. ostinato, the					
	composer's full name					
	Chord identification from the score e.g. finding the notes CEG and					
	identifying that as a C major chord					
	Identifying key features of Badinerie e.g. sequences, inversions,					
	cadences, ornamentation, basso continuo. You must also know					
	how to write their location on the score e.g. Bar $12^2$ .					
	Area of Study 2: Music for Ensemble					
	Chamber music					
	Musical theatre					
	Blues & Jazz					
	5 B1003 & 3022					
	Success Criteria					
	Identify musical elements, musical contexts and musical language,					
	and apply this knowledge to unfamiliar music.					
	Make evaluative and critical judgements about musical elements,					
	contexts and language, using appropriate musical terminology					
Resources	3 3 11 1					
(including	Resources in your Microsoft Teams folder					
useful	Focus on Sound (Log in and go to the 'Lessons' tab before trying the					
websites	'Quiz' tab)					
	GCSE Music - Area of study 1 - J.S.Bach: Badinerie for flute and String					
	Orchestra with Harpsichord (Final movement, Orchestral Suite No.2 in B					
	minor, BWV 1067) Eduqas - BBC Bitesize - this is a fantastic resource with					
	everything you have studied compiled together and includes quizzes and					
	videos!					
	BBC BiteSize for Eduqas Music: GCSE Music - Eduqas - BBC Bitesize					

#### Physical Education (GCSE only)

Exam Length	1 Hour
Topics	Paper 1:
to	Skeletal System – Classification of bones, role of the skeleton, function and
Revise	location of major bones.
&	Muscular System - Classification of muscles, muscle fibre types, function and location of major muscles, antagonistic pairs.
Succes	
s Criteria	Cardiovascular System- Structure and function of the heart, Types of blood vessels, components of blood and vascular shunting.
	Respiratory System – Structure and function, composition of air, gaseous exchange, Aerobic and anaerobic energy sources
	Fitness Testing – SMART Targets and goal setting, Components of fitness, Method of training and fitness testing
Resour	https://www.amazon.co.uk/Physical-Education-Revision-Practice-
ces	<u>Collins/dp/0008166285</u> - <mark>available on ParentPay</mark>
(includi	
ng	https://www.awesomebooks.com/book/9781906248406/gcse-physical-
useful	education/used?gad_source=1&gclid=Cj0KCQjwr9m3BhDHARIsANut04aHpMc7QzT4a
website	2F8Ap0yhn9bLvSYvM2U0dr-hsqLKC8f4ghnplyBxcsaAjP4EALw_wcB - available on
S	ParentPay
	https://www.pearsonschoolsandfecolleges.co.uk/secondary/subjects/pe-and-sport/edexcel-gcse-physical-education-9-1-2016/revise-edexcel-gcse-9-1-physical-education-revision-cards-1  Check TEAMS page for all PowerPoints.

#### **Religious Education**

Exam Length	2 x 1 hour exams			
Topics to	CHRISTIANITY (1 hour)			
Revise	Use the checklist at the front of KHS "Christianity" GREEN Guide Book:			
	Questions will be from the course taught so far:			
&	1. Nature of God			
	2. Creation			
Success	3. Jesus			
Criteria	4. Salvation			
	5. Afterlife			
	6. Worship and Prayer			
	7. Sacraments (Eucharist and Baptism)			
	JUDAISM (1 hour)			
	Use the checklist at the front of KHS "Judaism" BLUE Guide Book:			
	All of the course will need revising			
	Success Criteria (30 marks in 30 minutes):			
	A. Define (2)			
	B. Describe (5) A BEA paragraph or 5 clear bullet pointed sentences			
	1. Explain (8) 2 BEA paragraphs			
	2. Discuss (15) 3+ BEADS paragraphs to argue different perspectives			
Daga	and a conclusion.			
Resources	Sharepoint Folder:			
(including	RE Revision Christianity and Judaism (Papers 2 and 3) In here you will find: the Knowledge Organisers, the KHS Guide Booklet,			
useful	Past Paper Questions from all papers so far. The KHS Guide Booklet,			
websites	codes to videos used in class.			
	YouTube Revision by "RE Beck":			
	(295) Judaism - YouTube - first 5 videos on here will help.			
	YouTube Mini Series - "The Bible" (Episodes 1 and 2)			
	(295) The Bible (TV Mini Series 2013) - YouTube			

### Science - BIOLOGY for HIGHER AND FOUNDATION PAPERS

	_	for HIGHER AND FOUNDATION PAPE	RS	
Exam Length	30 minutes			
Topics to	CB5 Hea	lth, Disease and the Development of Medic	<u>cines</u>	
Revise	CB5	Health, Disease and the Development		
	0.000	of Medicines (Paper 1)	CB6 - Plant Structures and	
&	CB5a	Health and disease	their Functions	
<b>C</b>	CB5b	Non-communicable diseases	their i directions	
Success Criteria	CB5c	Cardiovascular disease		
Ciliena	CB5d	Pathogens		
	CB5e	Spreading pathogens		
	CB5f	Physical and chemical barriers		
	CB5g	The immune system		
	CB5h	Antibiotics		
	CB5			
	CBS	Preparing for your exams		
	CB6	Plant Structures and their Functions		
		(Paper 2)		
	CB6a	Photosynthesis		
	CB6b	Factors that affect photosynthesis		
	CB6b	Core practical - Light intensity and photosynthesis		
	CB6c	Absorbing water and mineral ions		
	CB6d	Transpiration and translocation		
	1001-000-000			
		s Criteria:		
	Revise each of the three topics by clicking the heading and working through each of the BBC Bitesize sections. For 6 mark questions using the structure: Firstly, secondly, also, as well as and finally. For calculations, show all working.			
		need a calculator, ruler, pencil and pen.	sicolations, show all working.	
Resources		d Y10 exercise books.		
(including	www.seneca.com			
useful	www.Ed	ucake.co.uk,		
websites	Cognito	<u>- YouTube</u>		

#### Science - CHEMISTRY

	f	or HIGHER AND F	OUND	ATION PAPERS
Exam Length			30	minutes
Topics to				
Revise	CC7- Typ	es of Substance	and	<u>Metals</u>
	CC7 1	ypes of Substance (Pap	per 3 and	d Paper 4)
&	CC7a	Molecular compo	ounds	
Success	CC7b	Allotropes of car	bon	
Criteria	CC7c	Properties of me	tals	
	CC7d	Bonding models		
	CC9- Cal	<u>culations involvi</u>	ng mo	<u>isses</u>
	*Moles is hid	aher tier only – click	here fr	om a link to the revision pages.
	CC9	Calculations	nvolv	ving Masses
		(Paper 3 and I	Paper	4)
	CC9a	Masses and emp	rical fo	rmulae
	CC9b	Conservation of r	mass	
	CC9c	Moles		
	CC5 - Ele	<u>ctrolysis</u>		
	CC10	Electrolytic Pr	ocess	es
	CC10a	Electrolysis		
	CC10a	Core practical - Electroly	sis of co	oper sulfate solution
	CC10b	Products from electro	lysis	
	Success C			
				clicking the heading and working through
				or 6-mark questions using the structure: d finally. For calculations, show all
		•		r, ruler, pencil and pen.
Resources	Year 9 an	d Y10 exercise bo	ooks.	
(including	www.sene	eca.com		
useful		<u>cake.co.uk</u> ,		
websites	Cognito -	<u>YouTube</u>		

#### Science - PHYSICS

for HIGHER AND FOUNDATION PAPERS

Exam Length	30 minutes			
Topics to	<u>CP2 - F</u>	orces and Motion		
Revise	CP2	Motion and Forces (Paper 5)		
&	CP2a CP2b	Resultant forces Newton's First Law	<u>CP6 - R</u>	<u>adioactivity</u>
	CP2c	Mass and weight	CP6	Radioactivity (Paper 5)
Success Criteria	CP2d Newton's Second Law	Core practical – Investigating acceleration Newton's Third Law Momentum Stopping distances Crash hazards	CP6a CP6b CP6c CP6d CP6e CP6f CP6g CP6h CP6	Atomic models Inside atoms Electrons and orbits Background radiation Types of radiation Radioactive decay Half-life Dangers of radioactivity Preparing for your exams
	Success Criteria: Revise each of the three topics by clicking the heading and working through each of the BBC Bitesize sections. For 6 mark questions using the structure: Firstly, secondly, also, as well as and finally. For calculations, show all working. You will need a calculator, ruler, pencil and pen.			
Resources (including useful websites	www.se	and Y10 exercise books. eneca.com ducake.co.uk, o - YouTube		

#### Spanish

Exam Length	1hr 15
Topics to Revise & Success Criteria	Daily Routine Eating habits and mealtimes Illness and health School life Subjects and opinions How to improve a school School rules Using different tenses – past perfect and imperfect/conditional Describing your city/area Comparing how a city has changed Advantages and disadvantages of where you live Success criteria  I can understand longer passages of Spanish spoken at normal speed I can transcribe short sentences accurately in Spanish I can understand the key points of longer written passages of Spanish I can translate Spanish sentences into English I can write simple paragraphs in Spanish I can write in different time frames – past/imperfect/future/conditional I can write using impersonal verbs I can understand detailed opinions I can use a range of opinions with justification I can use the absolute superlative
Resources (including useful websites	Vocabulary booklets from class for units 4,5 and 6 Grammar pack from Mr Williams This is school – <a href="www.thisisschool.com">www.thisisschool.com</a> - listening and grammar tasks online BBC Bitesize KS4 Spanish topic-based revision for reading and listening

#### Sport Science (Cambridge National)

Exam Length	1 hour
Topics to	The description and explained importance of nutrients on their role
Revise	within a healthy balanced diet.
	A wide range of example of food sources of nutrients.
&	Explain the importance of nutrition before, during and after exercise for each sporting activity.
Success	Outline a range of nutritional requirements for each sporting activity.
Criteria	Explain why some foods are ideal and what foods limit sporting activity. Create a meal plan that meets the needs of an individual. Measure the impact of the nutrition plan in relation to individual's needs. Describe ideas for improving the nutrition plan and justify improvements. Discuss in detail the detrimental effects of overeating, under eating and dehydration, with clear and detailed references to sports performance. Discuss in detail how nutrition can be positively managed by overeating, under eating and dehydration, with clear and detailed
Posourcos	references to sports performance.
Resources (including useful websites	Check TEAMS page for PowerPoints that have included key content.  https://thepeclassroom.com/cnats-sport-science-revision-resources/