



**Year 10 Mock examination topic list by subject**

Subject	Length of Mock exam	Further detail/Topics to revise
Maths	1 hour 1 hour	Non-calculator paper Calculator paper
English Language	1 hour 45 minutes	English Language Paper 2
English Literature	1 hour	Jekyll and Hyde
Combined Science Biology	1 hour 15 minutes	The heart Digestion Transpiration Communicable diseases Diffusion and osmosis Plant minerals Microscopy Photosynthesis Gas exchange
Combined Science Chemistry	1 hour 15 minutes	Periodic Table (including trends and Mendeleev) Atomic Structure Ionic and Covalent bonding, structures and properties Group 1 and 7 elements Metals and the reactivity series

Subject	Length of Mock exam	Further detail/Topics to revise
Combined Science Physics	1 hour 15 minutes	Circuits and resistance Latent heat and states of matter Energy and power Specific heat capacity Radioactivity Energy and efficiency Structure of the atom
Triple Science Biology	1 hour 30 minutes	Cells Microscopy Communicable and non-communicable diseases Digestion Photosynthesis and Transpiration Circulatory system Heart Gas exchange Osmosis and Diffusion
Triple Science Chemistry	1 hour 30 minutes	History of the Periodic Table Group 1 and Group 7 Acids and alkalis Titrations Nanoparticles Structure of the atom Covalent bonding Energy changes Electrolysis and fuel cells

**Grow and Succeed**

Subject	Length of Mock exam	Further detail/Topics to revise
Triple Science Physics	1 hour 30 minutes	Energy changes Latent heat Specific heat capacity Electricity Power Static electricity Radioactivity
Spanish Foundation tier	45 minutes	<u>Reading paper</u>  The topics to revise are: Clothes Free Time School Technology Personalities Jobs & Future Plans Healthy Living Film Holidays Festivals General Vocabulary
Spanish Higher tier	1 hour	<u>Reading paper</u>  The topics to revise are: Healthy Living Jobs & Future Plans Family/ Personalities/Relationships Festivals Environment & Social Issues Holidays/School/ Free Time

**Grow and Succeed**

Subject	Length of Mock exam	Further detail/Topics to revise
French Foundation tier	45 minutes	<u>Reading paper</u>  Topics to revise: Jobs Towns / house Environment Relationships / marriage Transport Healthy eating / vegetarians Restaurants / eating out School subjects Voluntary work Friends / personality Social media School buildings
French Higher tier	1 hour	<u>Reading paper</u>  Topics to revise: Eating Out / Restaurant Music Festivals Towns / Countries/Travel and Tourism School Social Issues – Poverty/ Social Media / Technology Family & Relationships/ Homelessness
Business Studies	1 hour	<u>Theme 2: Building a business</u>  Topic 2.1 Growing the Business Topic 2.2 Making Marketing decisions Topic 2.3 Making operational decisions Topic 2.4 Making financial decisions.

**Grow and Succeed**

Subject	Length of Mock exam	Further detail/Topics to revise
Sports Studies GCSE	1 hour 15 minutes	Structure and function of the musculoskeletal system The structure and function of the cardio vascular system Aerobic and Anaerobic energy The short- and long- term effects of exercise Methods of Training & Components of fitness  Fitness tests How to optimise training and training and prevent injury
Sports Studies BTEC	1 hour	Components of fitness Methods of training Fitness tests
Computing	1 hour 15 minutes	<u>Component 1 and 2:</u> 1.1 Systems Architecture 1.3 Computer Networks 2.1 Algorithms 2.2 Programming Techniques
Geography	1 hour	Changing economic world Living world
Psychology	1 hour 30 minutes	Psychological problems Social Influence Sleep and Dreaming Research Methods
Child Development	1 hour	LO2 Understand antenatal care and preparation for birth LO4 Understand how to recognise, manage and prevent childhood illnesses LO5 Know about child safety

**Grow and Succeed**

Subject	Length of Mock exam	Further detail/Topics to revise
Music	1 hour 30 minutes	<p>Eight sets of Questions in total</p> <p><u>Two on each Area of Study</u></p> <p>Area of study 1: Musical Forms and Devices Focus on Baroque, Classical and Romantic eras and different musical structures</p> <p>Area of study 2: Music for Ensemble Focus on texture and sonority (instrument sounds). Music from any musical ensemble, including Jazz, Musical Theatre and Chamber Music</p> <p>Area of study 3: Film Music Music from films, including instrument recognition and stylistic choices</p> <p>Area of study 4: Popular Music Focus on all popular music in a wide range of styles</p> <p><u>One set on a Set Work from AOS1</u> Badinerie by J.S. Bach</p> <p>One set on a Set Work from AOS4 Africa by Toto</p> <p>Sub questions of various types, including: Describing musical features – dynamics, rhythm, context, articulation, texture, structure, melody, instruments, tempo and harmony Compare and Contrasting musical features Placing music in a context Identifying instruments/Keys/Structure/Key Signatures/Cadences Finding chords Typical Features of different styles Melodic dictation Rhythmic dictation Long answer question giving a musical description and giving reasons for musical choices</p>

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Subject	Length of Mock exam	Further detail/Topics to revise
History	50 minutes	<u>The origins of the Cold War, 1941-58:</u> Early tensions between East and West The development of the Cold War The Cold War intensifies
Media Studies	1 hour 30 minutes	<u>Set products:</u>  Quality Street This Girl Can Spectre The Man With The Golden Gun

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