



ST THOMAS MORE CATHOLIC SCHOOL

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29th April 2021

Dear Parent / Carer

The second 'assessment window', where students will take formal tests based on examination board materials, will commence on the 13th May. Assessments taken under high control conditions will help to provide further evidence to support the grade given to the students. As with the first assessment window, these will be shorter than the full exam papers that would usually be taken. Attached is the timetable for these assessments.

Topic lists have been discussed with students in their lessons so that students have a clear idea of what to prioritise for revision, this should enable them to focus their studies. A full set of topic lists is attached for your information.

We are grateful for your continuing support throughout this period.

Yours sincerely

Alex Rosen
Acting Head of School



Acting Head of School: Mr A Rosen BSc NPOH

St Thomas More Catholic School is part of The Cardinal Hume Academies Trust

Registered Address: St George's RC School, Lanark Road, Maida Vale, London, W9 1RB Company Number: 08148675

YEAR 13 SUMMER ASSESSMENT 2 – MAY TIMETABLE

DAY	PERIOD 1 and 2 09:10 – 11:10	PERIOD 3 and 4 11:30 – 13:30	PERIOD 5 and 6 14:10 – 16:10
Thursday 13 th May 2021	ENGLISH	PSYCHOLOGY	SCIENCE
Friday 14 th May 2021	MATHS	SOCIOLOGY	GEOGRAPHY
Monday 17 th May 2021	RE	SCIENCE	BUSINESS
TUESDAY 18 th May 2021	HISTORY	MEDIA & POLITICS	SCIENCE
Wednesday 19 th May 2021	SPORT	HEALTH & SOCIAL CARE	MFL
Thursday 20 th May 2021	IT	ECONOMICS, DRAMA & ART	MUSIC

Year 13 Topic Overview – May 2021

Subject	Qualification	Topics
English	A Level	Keats: Ode to a Nightingale, Ode to Psyche and On First Looking Into Chapman's Homer 9ET0/03 A Streetcar Named Desire: confrontation 9ET0/01
Maths	A Level	Differentiation and words problem Implicit differentiation Integration Solving problems like finding the area under a curve.
Mechanics	A Level	Chapter 4: Moments. Chapter 7: Applications of Forces.
Statistics	A level	Chapter 1: Regression-Correlation – Hypothesis Test Chapter 2: Conditional Probability Chapter 3: Normal distribution
Biology	A Level	Classification- 3.1 Evolution and Adaptation- 3.2.1 Respiration- 5.1 Fertilisation in Plant – 2.4.2 Tissue fluid and lymph – 4.3.9 Stem cells and differentiation – 7.2.3 Bacteria and disease – 6.1 Non bacteria Pathogens- 6.2 The response to infection – 6.3
Chemistry	A Level	Dot and Cross diagrams - Topic 2 Bond Lengths - Topic 2 Intermolecular forces in alcohols - Topic 2 Naming, reactions and polymerisation of alkenes – including electrophilic addition – Topic 6 Avogadro's constant calculations – Topic 5 Disproportionation reactions - Topic 3 Gas volume calculations – Topic 5 Reactions / synthesis of organic compounds - Topics 17 and 18 Isomerism - Topics 6 and 17 Percentage by mass calculations - Topic 5 Rate order graphs and half-life calculations – Topic 16 Infrared Spectrum and NMR analysis – Topics 7 and 19 Maxwell-Boltzmann distribution - Topic 9 Calculating activation energy from the Arrhenius equation - Topic 16
Physics	A Level	SI quantities/units Binding energy/fission/fusion Hooke's law/k constant and springs Measuring distances to stars

Year 13 Topic Overview – May 2021

		<p>Oscillations/Damping</p> <p>Electric/gravitational fields and potential</p> <p>Pendulum length and frequency</p> <p>Lenses/focal length</p> <p>Hertzsprung Russell diagrams</p> <p>Radioactive sources/background radiation</p> <p>Specific heat capacity</p> <p>Refraction</p> <p>SHM</p> <p>Power and temperature</p> <p>Standing waves</p> <p>Young modulus</p> <p>Nuclear decay</p> <p>Half-life</p> <p>Circular motion</p> <p>Wave-particle duality/photoelectric effect</p> <p>Graphs/% difference</p> <p>Emission spectra</p> <p>Diffraction</p> <p>Mass deficit/$E=mc^2$</p> <p>Nuclear fusion (in stars)</p> <p>Pressure</p> <p>Root mean square</p> <p>Doppler shift</p>
Philosophy and Ethics	A Level	Arguments for the existence of God based on observation, Theodicy, Ancient Greek influences, Religious Language 11
Geography	A Level	Human Systems and Geopolitics - Superpowers Global Development and Connections - Health, Human Rights and Intervention
History	A Level	Poverty, public health and the state in Britain, 1789 –1939.
Politics	A Level	Core Ideologies – Conservatism Component 2 – The Prime Minister and Executive/Cabinet
French	A Level	Immigration and Racism The French Revolution Changes in family structure Traditions and Culture Media Le Gone du Chabbat Intouchables
Spanish	A Level	Immigration and racism Franco and the Transition Changes in family structure in Spain Traditions and Culture Media Almodovar – Theme of La Muerte El Coronel – The roles of el gallo y la mujer
IT	BTEC	<p>No exams.</p> <p>Website Development course work submission (SGK)</p> <p>BTEC Level 3 coursework- Externally moderated.</p>

Year 13 Topic Overview – May 2021

		<p>A- Understanding the principals of website development B- Design a website to meet client requirements. C- Develop a website to meet client requirements.</p> <p>Using Social Media in Business (NSM) BTEC Level 3 coursework- Internally moderated. Sections to cover: Section A: Explore the impact of social media on the ways in which businesses promote their products and services.</p> <p>Section B: Develop a plan to use social media in a business to meet requirements.</p>
Drama	A Level	Machinal Performer Woyzeck Director
Music	A Level	Development of the symphony (Haydn set work), musical theatre
Music	BTEC	DAW production
Media	A Level	<p>Media Messages Section A: Newspapers</p> <ul style="list-style-type: none"> • Representation • Industry • Audience • Media Language • Context <p>Section B: Media Language and Representation</p>
Media	BTEC	<p>Unit 1 Representation</p> <ul style="list-style-type: none"> • The representation of people and issues • Audience response to media texts • Media language used in media texts
Psychology	A Level	<p>Paper 1: Small tariff questions from the Biopsychology topic Localisation of function in the brain and hemispheric lateralisation: motor, somatosensory, visual, auditory and language centres; Broca’s and Wernicke’s areas, split brain research. Plasticity and functional recovery of the brain after trauma. Ways of studying the brain: scanning techniques, including functional magnetic resonance imaging (fMRI); electroencephalogram (EEGs) and event-related potentials (ERPs); post-mortem examinations. Biological rhythms: circadian, infradian and ultradian and the difference between these rhythms. The effect of endogenous pacemakers and exogenous zeitgebers on the sleep/wake cycle.</p>

Year 13 Topic Overview – May 2021

		<p><i>*Some questions will have an element of research methods incorporated into them. Specifically from the Inferential testing topics.</i></p> <p>Paper 2: One essay 16 mark question from the Issues and Debates topic</p> <p>Gender and culture in Psychology – universality and bias. Gender bias including androcentrism and alpha and beta bias; cultural bias, including ethnocentrism and cultural relativism. Free will and determinism: hard determinism and soft determinism; biological, environmental and psychic determinism. The scientific emphasis on causal explanations. Holism and reductionism: levels of explanation in Psychology. Biological reductionism and environmental (stimulus-response) reductionism.</p>
Business	A Level	<p><u>Paper 1</u></p> <p>Methods and types of growth Stakeholders Capacity utilisation Financial ratio analysis Economic Change Social Change/CSR Investment Appraisal Ansoff’s Matrix Growth and retrenchment Revenue, costs and profit External factors affecting business Break-even YED Sources of finance</p> <p><u>Paper 2</u></p> <p>Market share Managing the human resource flow Managing supply chains External factors affecting business Capacity utilisation</p>
Business	BTEC	<p><u>Paper 1</u></p> <p>Current accounts Consumer protection Different ways to pay Planning expenditure Types of assets Types of incomes Measuring profitability Measuring efficiency Measuring liquidity</p>

Year 13 Topic Overview – May 2021

		<p><u>Paper 2</u></p> <p>Functions of money Information/guidance and advice Communicating with customers Different ways to pay Features of financial institutions Cash flow Break-even</p>
Economics	A Level	<p><u>Paper 1</u></p> <p>Government intervention The impact of government intervention Demand for labour Supply of labour Wage determination in competitive and non-competitive markets</p>
Sociology	A Level	<p>Religion: Religion and social change AND Crime and Deviance Topic: Realism</p>
Health and Social Care	BTEC	<p>Unit 4: Enquiries into current research in H+SC</p>
Sport	BTEC	<p>Review of Business Information in the Sports & Leisure industry - the purpose, data, etc Analyse a business model using PESTLE or SWOT in the analysis</p>

These are the topics that will be assessed during the second Assessment window (13th – 20th May).