

STUDENT REVISION GUIDE

Y10 Spring PPE

12th January – 23rd January

Name		Form		Candidate Number	
------	--	------	--	------------------	--

EXAM TIMETABLE

Date	Period	Timetable	Exam
Monday 12 - Jan	1	10x Eng 10y Sci	HALL / GYM / AA ROOMS: English Literature (2hrs15min)
	2	10y Eng 10x Mat	
	3	D	10D Arabic (listening)
	4	B	10B Art, 10B Arabic (listening)
	5	10x Sci 10y Mat	
Tuesday 13 - Jan	1	D	10D1/2 Food, 10D History, 10D iMedia, 10D RE, 10D Business, 10D DT, 10D Arabic (writing)
	2	D	
	3	10x Eng 10y Sci	
	4	10x Mat 10y Eng	
	5	B	10B Art, 10B Arabic (reading)
Wednesday 14 - Jan	1	C	10C Food, 10C History, 10C RE, 10C Art
	2	C	
	3	10x Eng 10y Mat	
	4	10x Sci 10y Eng	
	5	10x PE 10y Sci	
Thursday 15 - Jan	1	10x Sci 10y Mat	HALL / GYM / AA ROOMS: Maths (1hr and 1hr30min)
	2	10x Sci 10y Mat	
	3	A	10A Food, 10A History, 10A Geography, 10A RE, 10A Business, 10DT, 10A Art, 10A Spanish
	4	A	
	5	10x Mat 10y PE	
Friday 16 - Jan	1	10x Sci 10y Mat	HALL / GYM / AA ROOMS: Science (1hr30min and 2 hours)
	2	D	
	3	10x Mat 10y Eng	
	4	A	10A Art
	5	10x Eng 10y Sci	

EXAM TIMETABLE

Date	Period	Timetable	Exam
Monday 19 - Jan	1	10x Eng 10y Mat	
	2	10x Mat 10y Sci	
	3	A	10A Art
	4	B	10B Art
	5	10x Sci 10y Eng	
Tuesday 20 - Jan	1	B	10B1/2 History, 10B1/2 Geography, 10B Business, 10B Art, 10B Arabic (writing), 10B Spanish, 10B French
	2	B	
	3	10x Eng 10y Sci	
	4	10x Eng 10y Sci	
	5	C	10C Art
Wednesday 21 - Jan	1	10x Mat 10y Eng	
	2	10x Eng 10y Sci	
	3	C	10C Art
	4	10x Sci 10y Mat	
	5	10x PE 10y Sci	
Thursday 22 - Jan	1	10x Mat 10y Eng	
	2	10x Sci 10y Mat	
	3	10x PSHE 10y PE	
	4	C	10C Art
	5	A	10A Art
Friday 23 - Jan	1	10x Mat 10y Eng	
	2	10x Mat 10y Eng	
	3	D	10D Arabic (reading)
	4	10x Eng 10y Mat	
	5	10x Sci 10y PSHE	

Additional dates, outside of window:

Date	Period	Timetable	Exam
Tuesday 27 - Jan	1	D	10D Photography
	2	D	
	3	10x Eng 10y Sci	
	4	10x Mat 10y Eng	
	5	B	
Wednesday 28 - Jan	1	C	10C Photography
	2	C	
	3	10x Eng 10y Mat	
	4	10x Sci 10y Eng	
	5	10x PE 10y Sci	
Thursday 29 - Jan	1	10x Sci 10y Mat	10A Photography
	2	10x Sci 10y Mat	
	3	A	
	4	A	
	5	10x Mat 10y PE	

REVISION ADVICE

1. Know what you will be tested on

Before you dive in:

- Get the specification for each subject (from the exam board website).
- Know exactly what topics will be examined.
- Understand the question formats (multiple choice, long answer, etc.).
- Read this booklet and follow the subject specific tips

2. Create a realistic revision timetable

Don't overpack it — quality over quantity.

- Use short sessions: 25–30 minutes (Pomodoro technique), followed by 5-minute breaks.
- Include all subjects, but prioritize weak areas.
- Be flexible: If you miss a session, move it—don't stress.
- Build in rewards and rest days.

3. Active recall & spaced repetition

These two are proven to work better than just re-reading notes.

Active recall:

- Use flashcards (apps like Anki or Quizlet, or physical ones).
- Cover your notes, then try to write or say everything you remember.
- Teach someone else the topic.

Spaced repetition:

- Revise topics multiple times over weeks.
- Schedule reviews of each topic just before you're likely to forget it.

4. Past papers = practice like it's the real thing

- Start early with past papers (available from exam board websites).
- Time yourself under exam conditions.
- Mark your answers using the official mark schemes.
- Use examiner reports to understand common mistakes.

5. Use the “blurting” method or draw a mind map

Great for self-assessment:

1. Pick a topic.
2. Write down everything you know on a blank sheet.
3. Check against notes.
4. Fill in what you missed in a different colour.

REVISION ADVICE

6. Mix it up (Interleaving)

- Don't study the same subject or topic for hours.
- Mix different topics (e.g., revise science equations, then English quotes).
- It keeps your brain engaged and improves memory retention.

7. Don't neglect wellbeing

- Get enough sleep (at least 7–8 hours).
- Stay hydrated, eat healthy food.
- Avoid consuming too many caffeinated drinks.
- Take regular screen breaks
- Take part in exercise or other hobbies you enjoy.

8. Use revision resources wisely

•Online platforms like:

- Seneca Learning
- BBC Bitesize
- Physics & Maths Tutor
- Save My Exams
- Sparx

•YouTube channels (e.g., Mr Bruff for English, Cognito for Science)

9. Revise with friends

- Revision groups can be powerful, if focused.
- Teach each other topics.
- Quiz each other using flashcards or mini-tests.

10. Prepare fully just before each exam

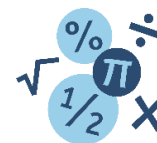
- Get an early night and set an alarm with plenty of time to get to school
- Pack your bag with a clear water bottle, a snack and black pens
- Know your seat number and candidate number
- Go to the toilet before the exam
- Put your phone and watch in your bag and leave it in the faith room
- Remove all metal and revision notes from your pockets
- Line up quietly and early for the exam

ENGLISH LITERATURE



Paper	2	Length	2hr 15 mins	Marks	80
Topics	<p>There are four components to Paper 2 English Literature:</p> <p>Dr Jekyll and Mr Hyde (Section A) - 20 marks</p> <p>In this section, you will be given an extract from the novella. You must analyse the use of language, structure and form based solely on the extract provided.</p> <p>Dr Jekyll and Mr Hyde (Section B) - 20 marks</p> <p>In this section, you will be given a theme from the novella. You must analyse and explain how the theme is important for the plot, relationships, characters and writer's intentions within the novella.</p> <p>The possible themes are: Violence, Science, Secrets.</p> <p>Conflict Poetry Comparison – 20 marks</p> <p>In this section, you will have one poem printed from the 7 poems we have studied in class so far. You must select a relevant poem and compare this to the printed poem. In your response, you must make comparisons looking at the use of language, structure, form and ideas within both poems. You should also include contextual comments within your answer.</p> <p>The printed poem is <i>War Photographer</i>. You must compare this poem to either <i>What Where They Like?</i> or <i>The Destruction of Sennacherib</i>.</p> <p>Unseen Poetry Comparison – 20 marks</p> <p>In this section, you will be provided with two poems you have not seen before. You must understand both poems and compare the poems based on the ideas, use of language, use of structure and/or use of form.</p>				
Revision Resources	<p>Dr Jekyll and Mr Hyde Revision</p> <ul style="list-style-type: none">https://www.physicsandmathstutor.com/english-revision/gcse-edexcel/dr-jekyll-and-mr-hyde/https://www.bbc.co.uk/bitesize/topics/z38s4j6 <p>Conflict Poetry Revision</p> <ul style="list-style-type: none">https://revisionworld.com/level-revision/english-literature-gcse-level/poetry/post-1914-poems/war-photographer-carolehttps://www.physicsandmathstutor.com/download/English-Literature/GCSE/Notes/Edexcel/Poetry/Conflict/The%20Destruction%20of%20Sennacherib%20-%20Lord%20Byron.pdfhttps://www.physicsandmathstutor.com/download/English-Literature/GCSE/Notes/Edexcel/Poetry/Conflict/What%20Were%20They%20Like%20-%20Denise%20Levertov.pdf <p>Unseen Poetry Revision</p> <ul style="list-style-type: none">https://www.physicsandmathstutor.com/download/English-Literature/GCSE/Notes/Edexcel/Poetry/Unseen-Poetry/Unseen%20Poetry%20Guide%20-%20Section%20B.pdf				
Lead Teacher	Mr Glasby	Email	Ryan.Glasby@manchester-academy.org		
Specification	https://qualifications.pearson.com/content/dam/pdf/GCSE/English%20Literature/2015/specification-and-sample-assesment/9781446914359_GCSE_2015_L12_Englit.pdf				

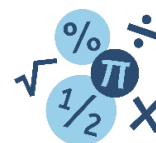
MATHEMATICS (FOUNDATION)



Paper	MidYear	Length	1 Hour	Marks	60
Topics	<p><i>Decimal manipulation</i> U417, U478, U127, U293, U453, U868, U976</p> <p><i>Estimation and limits of accuracy</i> U480, U298, U731, U965, U225, U657, U108, U301</p> <p><i>Related calculations</i> U735</p> <p><i>HCF and LCM of large numbers</i> U211, U751, U529, U236, U739, U250</p> <p><i>Fraction calculations</i> U736, U692, U793, U475, U224, U544, U538, U881, U916, U874</p> <p><i>Algebraic manipulation</i> U613, U662</p> <p><i>Index laws</i> U235, U694, U851</p> <p><i>Standard form</i> M719, M678</p> <p><i>Expanding and factorising</i> U179, U365, U768, U178, U963</p> <p><i>Forming expressions and substitution</i> M175, M428, U201, U585, U144, M830</p> <p><i>Direct and inverse proportion</i> U721, U610, U357, U640, U364, U238</p> <p><i>Probability 1</i> U408, U510, U683, U166, U104, U476, U748, U296, U280, U580</p> <p><i>Solving equations 2</i> U755, U325, U870, U599</p> <p><i>Inequalities 1</i> U759, U509, U738, U145</p> <p><i>Sequences</i> U213, U530, U498, U978, U680, U958</p> <p><i>Pythagoras</i> U385</p> <p><i>Interior and exterior angles</i> U447, U390, U730, U628, U732, U329, U655, U427</p> <p><i>Vectors 1</i> U196, U903, U564, U632, U660</p> <p><i>Transformations 1</i> M797, U799, U696, U519</p> <p><i>Plans and elevations</i> U743</p> <p><i>Arcs and sectors</i> U767, U604, U950, U221, U373</p> <p><i>Surface area</i> U929, U259, U464, U761, U871, U523, U893, U334, U561, U142, U771</p> <p><i>Solving equations and rearranging formulae</i> U755, U325, U870, U556</p> <p><i>Linear graphs</i> U789, U741, U933, U889, U669, U315, U377, U477, U848, U652, U862</p> <p><i>Linear simultaneous equations</i> U760, U757, U836, U137</p> <p><i>Volume 2</i> U786, U174, U915, U484, U116, U617, U426, U543</p> <p><i>Compound Measures</i> U902, U388, U248, U468 U151, U256, U403, U910, U527, U842, U914, U462, U896</p> <p><i>Quadratics – graphical</i> U989, U667, U601</p> <p><i>Quadratics – algebraic</i> U178, U963, U228</p> <p><i>Further graphs</i> U980, U593, U238</p>				
Revision Resources	<ul style="list-style-type: none"> Use Sparx to work through Independent Learning resources Using the topics codes you have been given 				

Lead Teacher	Mr Hodgson	Email	Kal.hodgson@manchester-academy.org
Specification	Specification: Level 1/2 GCSE (9-1) in Mathematics		

MATHEMATICS (HIGHER)



Paper	MidYear	Length	90 min	Marks	90
Topics	<p><i>Decimal manipulation</i> U417, U478, U127, U293, U453, U868, U976</p> <p><i>Estimation and limits of accuracy</i> U480, U298, U731, U965, U225, U657, U108, U301</p> <p><i>Related calculations</i> U735</p> <p><i>HCF and LCM of large numbers</i> U211, U751, U529, U236, U739, U250</p> <p><i>Fraction calculations</i> U736, U692, U793, U475, U224, U544, U538, U881, U916, U874</p> <p><i>Algebraic manipulation</i> U613, U662</p> <p><i>Index laws</i> U235, U694, U851</p> <p><i>Standard form</i> M719, M678</p> <p><i>Expanding and factorising</i> U179, U365, U768, U178, U963</p> <p><i>Forming expressions and substitution</i> M175, M428, U201, U585, U144, M830</p> <p><i>Direct and inverse proportion</i> U721, U610, U357, U640, U364, U238</p> <p><i>Probability 1</i> U408, U510, U683, U166, U104, U476, U748, U296, U280, U580</p> <p><i>Solving equations 2</i> U755, U325, U870, U599</p> <p><i>Inequalities 1</i> U759, U509, U738, U145</p> <p><i>Sequences</i> U213, U530, U498, U978, U680, U958</p> <p><i>Pythagoras</i> U385</p> <p><i>Interior and exterior angles</i> U447, U390, U730, U628, U732, U329, U655, U427</p> <p><i>Vectors 1</i> U196, U903, U564, U632, U660</p> <p><i>Transformations 1</i> M797, U799, U696, U519</p> <p><i>Plans and elevations</i> U743</p> <p><i>Arcs and sectors</i> U767, U604, U950, U221, U373</p> <p><i>Surface area</i> U929, U259, U464, U761, U871, U523, U893, U334, U561, U142, U771</p> <p><i>Solving equations and rearranging formulae</i> U755, U325, U870, U556</p> <p><i>Linear graphs</i> U789, U741, U933, U889, U669, U315, U377, U477, U848, U652, U862, U898</p> <p><i>Linear simultaneous equations</i> U760, U757, U836, U137</p> <p><i>Volume 2</i> U786, U174, U915, U484, U116, U617, U426, U543, U350</p> <p><i>Compound Measures</i> U902, U388, U248, U468 U151, U256, U403, U910, U527, U842, U914, U462, U896</p> <p><i>Quadratics – graphical</i> U989, U667, U601</p> <p><i>Quadratics – algebraic</i> U178, U963, U228, U858, U960, U589, U665, U150, U178, U960, U397, U589, U103, U437, U294, U685, U457, U824</p> <p><i>Further graphs</i> U980, U593, U238, U229, U567</p>				
Revision Resources	<ul style="list-style-type: none"> Use Sparx to work through Independent Learning resources using the topics codes you have been given 				

Lead Teacher	Mr Hodgson	Email	Kal.hodgson@manchester-academy.org
Specification	Specification: Level 1/2 GCSE (9-1) in Mathematics		

COMBINED SCIENCE



Paper	1	Length	1 hour 30 mins	Marks	90
Topics	<p>B1 Cells: eukaryotes and prokaryotes; animal and plant cells; cell specialisation; cell differentiation; microscopy; culturing microorganisms; chromosomes; mitosis; cell cycle; stem cells; diffusion; osmosis; active transport</p> <p>B2 Organisation: principles of organisation; human digestive system; heart and blood vessels; blood; coronary heart disease: non-communicable diseases; health issues; effect of lifestyle; cancer; plant tissues; plant organ system</p> <p>C1 Atomic Structure: Structure of atoms, elements and compounds, development of the atomic model, Relative atomic mass, the periodic table, group 1, group 7</p> <p>C2 Bonding: Ionic bonding, covalent bonding, metallic bonding, ionic structure, covalent structure, diamond, graphite, fullerenes</p> <p>P1 Energy: Energy stores and transfers, kinetic energy, gravitational potential energy, elastic potential energy, specific heat capacity, efficiency, power, renewable and non-renewable energy resources.</p> <p>P2 Electricity: Circuit symbols, Ohm's law, resistance in a wire, resistors, LDRs and thermistors, series and parallel circuits, mains electricity, power and energy transfer, national grid,</p>				
Revision Resources	<ul style="list-style-type: none"> • Paper work book from your teacher • Science Sparx (for homework questions) https://sparxscience.com/ • YoutubeCognito (for video mind maps of every topic) https://www.youtube.com/channel/UCaGEe4KXZrjou9kQx6ezG2w • Cognito (for practice questions on all topics) https://cognitoedu.org/dashboard • FreeScienceLessons (for video summaries of every topic) https://www.youtube.com/c/Freesciencelessons • BBC Bitesize (for simplified explanations of every topic) https://www.bbc.co.uk/bitesize/subjects/zrkw2hv • Oak National Academy (for online lessons for every topic) https://continuityoak.org.uk/Lessons 				

Lead Teacher	Dr Spencer	Email	Andrew.spencer@manchester-academy.org
Specification	GCSE Science 8464 Specification Specification At A Glance AQA		

BIOLOGY



Paper	1	Length	40 mins	Marks	40 marks
Topics	<p>B1 Cells: eukaryotes and prokaryotes; animal and plant cells; cell specialisation; cell differentiation; microscopy; culturing microorganisms; chromosomes; mitosis; cell cycle; stem cells; diffusion; osmosis; active transport</p> <p>B2 Organisation: principles of organisation; human digestive system; heart and blood vessels; blood; coronary heart disease: non-communicable diseases; health issues; effect of lifestyle; cancer; plant tissues; plant organ system</p> <p>B3 Infection and response: communicable diseases (only what you have learned so far in B3)</p>				
Revision Resources	<ul style="list-style-type: none"> • Paper Resources given • Science Sparx (for homework questions) https://sparxscience.com/ • YoutubeCognito (for video mind maps of every topic) https://www.youtube.com/channel/UCaGEe4KXZrjou9kQx6ezG2w • Cognito (for practice questions on all topics) https://cognitoedu.org/dashboard • FreeScienceLessons (for video summaries of every topic) https://www.youtube.com/c/Freesciencelessons • BBC Bitesize (for simplified explanations of every topic) https://www.bbc.co.uk/bitesize/subjects/zrkw2hv • Oak National Academy (for online lessons for every topic) https://continuityoak.org.uk/Lessons 				

Lead Teacher	Dr Spencer/Mr Velasco	Email	Andrew.spencer@manchester-academy.org
Specification	https://www.aqa.org.uk/subjects/biology/gcse/biology-8461/specification/specification-at-a-glance		

CHEMISTRY



Paper	1	Length	40 mins	Marks	40 marks
Topics	<p>C1 Atomic Structure: Structure of atoms, elements and compounds, development of the atomic model, Relative atomic mass, the periodic table, group 1, group 7, transition metals</p> <p>C2 Bonding: Ionic bonding, covalent bonding, metallic bonding, ionic structure, covalent structure, diamond, graphite, fullerenes, nanoparticles.</p> <p>C3 Quantitative Chemistry: Conservation of mass, relative formula mass, Moles (HT only), moles in the gas state (HT only) (only what you have learned so far)</p>				
Revision Resources	<ul style="list-style-type: none"> Paper Resources given and saved on Teams 11A/Ss Chemistry past papers 11B/Ss Chemistry past papers Science Sparx (for homework questions) https://sparxscience.com/ YoutubeCognito (for video mind maps of every topic) https://www.youtube.com/channel/UCaGEe4KXZrjou9kQx6ezG2w Cognito (for practice questions on all topics) https://cognitoedu.org/dashboard FreeScienceLessons (for video summaries of every topic) https://www.youtube.com/c/Freesciencelessons BBC Bitesize (for simplified explanations of every topic) https://www.bbc.co.uk/bitesize/subjects/zrkw2hv Oak National Academy (for online lessons for every topic) https://continuityoak.org.uk/Lessons 				

Lead Teacher	Dr Spencer / Mr Hurst	Email	Andrew.spencer@manchester-academy.org
Specification	GCSE Chemistry 8462 Specification AQA		

PHYSICS



Paper	1	Length	40 mins	Marks	40 marks
Topics	<p>P1 Energy: Energy stores and transfers, kinetic energy, gravitational potential energy, elastic potential energy, specific heat capacity, thermal insulation, efficiency, power, renewable and non-renewable energy resources.</p> <p>P2 Electricity: Circuit symbols, Ohm's law, resistance in a wire, resistors, LDRs and thermistors, series and parallel circuits, mains electricity, power and energy transfer, national grid, static electricity, electric fields.</p>				
Revision Resources	<ul style="list-style-type: none"> Paper Resources given Science Sparx (for homework questions) https://sparxscience.com/ YoutubeCognito (for video mind maps of every topic) https://www.youtube.com/channel/UCaGEe4KXZrjou9kQx6ezG2w Cognito (for practice questions on all topics) https://cognitoedu.org/dashboard FreeScienceLessons (for video summaries of every topic) https://www.youtube.com/c/Freesciencelessons BBC Bitesize (for simplified explanations of every topic) https://www.bbc.co.uk/bitesize/subjects/zrkw2hv Oak National Academy (for online lessons for every topic) https://continuityoak.org.uk/Lessons 				

Lead Teacher	Dr Spencer / Mr Axenderrie	Email	Andrew.spencer@manchester-academy.org
Specification	GCSE Physics 8463 Specification AQA		

HISTORY



Paper	Crime and Punishment	Length	1hr20mins	Marks	52
Topics	<p>c1000–c1500: Crime and punishment in medieval England</p> <ul style="list-style-type: none"> -The Anglo Saxons: crimes, policing, trials and punishments. -The Normans: crimes, policing, trials and punishments. -The role of The Church <p>c1500–c1700: Crime and punishment in early modern England</p> <ul style="list-style-type: none"> - New crimes: vagabondage, heresy, treason and witchcraft - Factors contributing to these new crimes. <p>c1700–c1900: Crime and punishment in eighteenth- and nineteenth century Britain</p> <ul style="list-style-type: none"> - Social crimes: smuggling and poaching - Highway robbery - Bloody Code - Transportation - Development of prisons - Development of policing <p>c1900–present: Crime and punishment in modern Britain</p> <ul style="list-style-type: none"> - New crimes e.g online and car crimes - Conscientious objectors - Development of prisons - Development of policing - Abolishment of the Death penalty <p>Case study: Whitechapel in the Industrial period</p> <ul style="list-style-type: none"> - Living conditions - Working conditions - Poverty and immigration - Crimes - Jack the Ripper 				
Revision Resources	<ul style="list-style-type: none"> • Black revision guides • Resources on teams • BBC Bitesize 				

Lead Teacher	Mrs Rehman	Email	Camilla.rehman@manchester-academy.org
Specification	https://qualifications.pearson.com/content/dam/pdf/GCSE/History/2016/specification-and-sample-assessments/gcse-9-1-history-specification.pdf		

GEOGRAPHY



Paper	1	Length	1 hour	Marks	57
Topics	<p><i>Rivers:</i></p> <ul style="list-style-type: none"> - Profile of rivers - Types of erosion, transportation - River landforms: waterfalls, gorges, interlocking spurs, meanders, oxbow lakes, levees, floodplains and estuaries. - Factors impacting flood risk - Hard vs soft engineering - River profile- River Tees - River management- Banbury <p><i>Coasts:</i></p> <ul style="list-style-type: none"> - Waves - Types of erosion and transportation - Weathering and mass movement - Types of coastlines - Longshore Drift - Coastal landforms: Headlands and bays, wave cut platforms, Caves, arch, stacks and stumps, beaches, spits, bars, sand dunes. - Management strategies - Swanage bay - Lyme Regis <p><i>Tectonics</i></p> <ul style="list-style-type: none"> - Distribution on tectonic hazards - What are tectonic hazards - Structure of the Earth - Types of plate boundaries : conservative, constructive and destructive 				
Revision Resources	<ul style="list-style-type: none"> • Rivers: River landscapes in the UK - GCSE Geography - BBC Bitesize • Coasts: Coastal landscapes in the UK - GCSE Geography - BBC Bitesize • Natural hazards: What is a natural hazard? - Natural hazards - AQA - GCSE Geography Revision - AQA - BBC Bitesize • Plate margins: The Earth's structure and plate tectonics - Plate margins and plate tectonics - AQA - GCSE Geography Revision - AQA - BBC Bitesize 				

Lead Teacher	Miss Austin	Email	Rebecca.austin@manchester-academy.org
Specification	GCSE Geography Specification Specification for first teaching in 2016		

RELIGIOUS EDUCATION



Paper	Islam	Length	60 mins	Marks	51
Topics	<p>Islam Beliefs</p> <ul style="list-style-type: none"> Nature of God Pre-Islamic Arabia and Tawhid Sunni and Shia Life after Death Predestination Angels The Problem of Evil Prophets (Nuh & Musa) Adam Ibrahim Prophet Muhammad The Night of Power The Night Journey The Imamate Qur'an and Other Holy Books <p>Islam Practices</p> <ul style="list-style-type: none"> Shahada Salah – Rituals (Wudu, Rak'ah and Jummah) Salah – Significance / Scripture Zakat Sawm Hajj – The Journey Hajj – Significance The 10 Obligatory Acts Greater Jihad Lesser Jihad Eid-ul-Fitr Eid-ul-Adha Ashura 				
Revision Resources	<ul style="list-style-type: none"> Islam Revision Guides Quote Sheet Model Answer/Practice Questions 				

Lead Teacher	Ms Burkinshaw	Email		serena.burkinshaw@manchester-academy.org
Specification	https://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-8062/specification/specification-at-a-glance			

Paper	Listening Reading Writing	Length	1 hour and 30 minutes	Marks	80
Topics	<p><i>My free time</i></p> <ul style="list-style-type: none"> Expressing what you do in your spare time Expressing what sports do you do/play Expressing what you are doing Forming negative sentences Forming questions and arranging to go out Understanding and forming the near future and expressing what you are going to use your mobile/tablet for Speaking about past events: forming the past tense of "to go" and regular verbs To discuss TV programmes and choices: to use the direct object pronoun in French Expressing the pros and cons of social media Giving your opinion about free time and expressing what you usually do To discuss what your role model is whilst using relative clauses and irregular verbs in preterite tense. <p><i>My personal world; family and relationships</i></p> <ul style="list-style-type: none"> To describe yourself To describe contemporary families To discuss how important friends are for you To talk about problems with relationships To discuss the generation gap To talk about what you used to do when you were little To describe what you did in your birthday To talk about personal future plans To interleave technology, equality, family and relationships 				
Revision Resources	<ul style="list-style-type: none"> Languagenut BBC Bitesize - https://www.bbc.co.uk/bitesize/examspecs/zhkvkhv TEAMs resources. GCSE Edexcel Revision Guide – pages: 19-31; 41-50; 71-78; 115-118; 125-135 GCSE Edexcel Exam Workbook – pages: 22-31; 42-45; 47, 52, 82-93 				

Lead Teacher	Mrs Craig-Kgasago	Email	Lisa.CraigKgasago@manchester-academy.org
Specification	https://qualifications.pearson.com/en/qualifications/edexcel-gcses/french-2024.html		

Paper	Listening Reading Writing	Length	1 hour and 30 minutes	Marks	80
Topics	<p><i>My free time</i></p> <ul style="list-style-type: none"> ○ <i>Expressing what you do in your spare time</i> ○ <i>Expressing what sports do you do/play</i> ○ <i>Expressing what you are doing</i> ○ <i>Forming negative sentences</i> ○ <i>Forming questions and arranging to go out</i> ○ <i>Understanding and forming the near future and expressing what you are going to use your mobile/tablet for</i> ○ <i>Speaking about past events: forming the past tense of "to go" and regular verbs</i> ○ <i>To discuss TV programmes and choices: to use the direct pronoun in Spanish</i> ○ <i>Expressing the pros and cons of social media</i> ○ <i>Giving your opinion about free time and expressing what you usually do</i> ○ <i>To discuss what your role model is whilst using relative clauses and irregular verbs in preterite tense.</i> <p><i>My personal world; family and relationships</i></p> <ul style="list-style-type: none"> ○ <i>To describe yourself</i> ○ <i>To describe contemporary families</i> ○ <i>To discuss how important friends are for you</i> ○ <i>To talk about problems with relationships</i> ○ <i>To discuss the generation gap</i> ○ <i>To talk about what you used to do when you were little</i> ○ <i>To describe what you did in your birthday</i> ○ <i>To talk about personal future plans</i> ○ <i>To interleave technology, equality, family and relationships</i> 				
Revision Resources	<ul style="list-style-type: none"> • <i>Languagenut</i> • <i>BBC Bitesize</i> • <i>TEAMs resources.</i> 				

Lead Teacher	Mrs Amaro	Email	Patricia.lorcaamaro@manchester-academy.org
Specification	https://qualifications.pearson.com/en/qualifications/edexcel-gcses/spanish-2024.html		

Paper	Reading Listening Writing	Length	1 hr 1 hr 1 hr 30 min	Marks	50 marks 50 marks 60 marks
Topics	<p>Theme 1: Identity and Culture Topics:</p> <ul style="list-style-type: none"> Who am I?: relationships; when I was younger; what my friends and family are like; what makes a good friend; interests; socialising with family and friends; role models Daily life: customs and everyday life; food and drink; shopping; social media and technology (uses of, advantages and disadvantages) Cultural life: celebrations and festivals; reading; music; sport; film and television <p>Theme 2: Local area, holiday and travel Topics:</p> <ul style="list-style-type: none"> Holidays: preferences; experiences; destinations Travel and tourist transactions: travel and accommodation; asking for help and dealing with problems; directions; eating out; shopping Town, region and country: weather; places to see; things to do <p>Theme 3: School Topics:</p> <ul style="list-style-type: none"> What school is like: school types; school day; subjects; rules and pressures; celebrating success School activities: school trips; events and exchanges 				
Revision Resources	<p>Arabic ppts on TES resources: https://www.tes.com/resources/search/?&q=tahani%20anani</p> <p>Languagenut: every student has a username with a password.</p> <p>Exam papers; online Arabic Edexcel GCSE papers as shown below: http://www.pastpapersz.com/edexcel/gcse-arabic/</p>				

Lead Teacher	Mrs Anani	Email	Tahani.anani@manchester-academy.org
Specification	https://qualifications.pearson.com/content/dam/pdf/GCSE/Arabic/2017/specification-and-sample-assessments/Specification_GCSE_L1-L2_in_Arabic_August_2016_Draft.pdf		



Paper	N/A	Length	5 Hours	Marks	1-9
Topics	<p><u>ARTIST RESPONSE</u></p> <p>Skills-</p> <p>Visual Connection: Create your own work inspired by the artist, using similar media or applying their techniques to your own subject matter.</p> <p>Personal Primary Sources: Base your work on your own photos or observations, making the response more personal and relevant to your project.</p> <p>Development: Show how your understanding of the artist helps you develop your own creative journey.</p> <p>Knowledge-</p> <p>Detailed Annotation:</p> <ul style="list-style-type: none"> • Write in full sentences, explaining: what you like/dislike and why (opinion) • How the artist's work influences your choices (materials, colour, composition) • Connections between their work and your developing ideas (AO1). <p>Analysis: Discuss the artist's techniques, materials, and themes (e.g., texture, tone, composition, cultural context).</p>				
Revision Resources	<p>https://www.bbc.co.uk/bitesize/guides/zwk82nb/revision/3</p> <p>https://tifsgraphics.weebly.com/artist-research--responses.html</p> <p>https://www.pinterest.com/ideas/artist-response-page-gcse/929757347797/</p> <p>https://www.tiktok.com/discover/gcse-artist-response</p>				

Lead Teacher	Mrs Aspden	Email	christine.aspden@manchester-academy.org
Specification	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.wjec.co.uk/media/a1vldbjn/0-gcse-art-and-design-specification-for-teaching-from-2016-wales-only-e.pdf		

PHOTOGRAPHY



Paper	<ul style="list-style-type: none"> • <i>Contact sheets</i> • <i>Editing and Manipulation</i> • <i>Secondary Research</i> 	Length	<i>4 hours</i>	Marks	<i>96</i>
Topics	<p><u>Contact Sheets and Image Analysis</u></p> <ul style="list-style-type: none"> • <i>Use Photoshop to produce high quality contact sheets that show you have selected your best and most appropriate images for the theme of City Life.</i> • <i>Analyse your contact sheets in detail, showing your knowledge of composition, viewpoint, colour, and subject.</i> • <i>Suggest ways in which your image can be improved using editing tools or manipulated to recreate an effect researched previously.</i> <p><u>Editing and Image Manipulation</u></p> <ul style="list-style-type: none"> • <i>Select images from your contact sheets to edit and manipulate.</i> • <i>Show links between your edits and your research. this includes mind maps, mood boards and photographer research.</i> • <i>Tell the story of your edits from the original image through the editing process and on to the outcomes in detailed editing pages..</i> • <i>Present your outcomes effectively to showcase your work.</i> <p><u>Secondary Research</u></p> <ul style="list-style-type: none"> • <i>Mind mapping – detailed research on a theme or topic</i> • <i>Mood boarding – focused research on a theme</i> • <i>Photographer research and image analysis - Create a biography of a photographer that contains 6 facts about them. Select relevant images and analyse these in detail.</i> 				
Revision Resources	<ul style="list-style-type: none"> • <i>Review the step-by-step guides and the portfolio guidebook within our Teams folder to review how to complete edits and portfolio pages successfully.</i> • <i>Attend Period 6 on Tuesday and Thursday for individual one-to-one advice and support</i> • Photography - GCSE Art and Design - BBC Bitesize 				

Lead Teacher	<i>Mr J. Fitton</i>	Email	<i>jon.fitton@manchester-academy.org</i>
Specification	GCSE Art and Design 8206 Specification Subject Content Photography AQA		

DESIGN AND TECHNOLOGY



Paper	1	Length	60 min	Marks	100
Topics	<p>Sustainability</p> <ul style="list-style-type: none"> Definition of sustainability in design and manufacturing Importance of reducing waste, recycling, and designing for long product life Environmental impacts of materials and processes <p>Managed Forests & FSC</p> <ul style="list-style-type: none"> What FSC stands for (Forest Stewardship Council) Purpose of FSC certification Benefits of using FSC timber (sustainable, traceable, protects ecosystems, supports responsible forestry) <p>Timers</p> <ul style="list-style-type: none"> Softwood: grows quickly, cheaper, less dense, often used for construction Hardwood: slower-growing, more durable, more expensive Manufactured boards: made from wood fibres or layers (MDF, plywood, chipboard), stable and available in large sheets <p>Laser Cutting Benefits</p> <ul style="list-style-type: none"> High precision and accuracy Fast and repeatable for batch production Clean cuts on many materials Low material waste Easy to link with CAD files <p>Designing with CAD</p> <ul style="list-style-type: none"> Allows 2D and 3D modelling Easy editing, testing, and measuring Useful for simulations Can export files directly to CAM machines <p>Designing Using a Laser Cutter</p> <ul style="list-style-type: none"> Start with 2D CAD drawings (DXF, SVG, etc.) Set correct line weights and colours for cut/engrave Check material settings (speed, power) Test small sections before full cut <p>Manufacturing with CAD/CAM</p> <ul style="list-style-type: none"> CAD = designing the product CAM = using machines (laser cutters, CNC, 3D printers) to manufacture Ensures accuracy and repeatability in production <p>Fossil Fuels</p> <ul style="list-style-type: none"> Types: coal, oil, natural gas Non-renewable resources Environmental impacts (pollution, CO₂ emissions) Used for energy, plastics, transport <p>2D Design vs 3D Design</p> <ul style="list-style-type: none"> 2D Design: flat drawings, outlines for cutting, laser cutting, CNC routing 3D Design: modelling shapes digitally, used for 3D printing, CAD simulations, rendering 				
Revision Resources	<ul style="list-style-type: none"> .GCSE Design technology revision guide BBC GCSE bitesize 				

Lead Teacher	Ms McBride	Email	Catherine.mcbride@manchester-academy.org
Specification	chrome-extension://efaidnbmnnnibpcapjpcglclefindmkaj/https://cdn.sanity.io/files/p28bar15/green/db64d96d05315e9adcaff43690b58b17be11b5e3.pdf		

FOOD AND COOKERY



Paper	1	Length	1 hr 30mins	Marks	80
Topics	<ul style="list-style-type: none"> Unit 1: Health and safety relating to food, nutrition and the cooking environment Unit 2: Food legislation and food provenance Unit 3: Food groups, key nutrients and a balanced diet Unit 5: Food preparation, cooking skills and techniques Unit 6: Recipe amendment, development and evaluation 				
Revision Resources	<p>Hard copies of flash cards given to all students but also posted on Teams Revision booklets also given to students and posted on teams Revision Text book given to all students</p> <p>Health and Safety relating to food, nutrition and the cooking environment. https://www.bbc.co.uk/bitesize/guides/zndnsrd/revision/</p> <p>Food Safety. https://www.bbc.co.uk/bitesize/guides/zndnsrd/revision/3</p> <p>Food legislation and food provenance. https://www.food.gov.uk/business-guidance/packaging-and-labelling#:~:text=In%20accordance%20with%20the%20FIC,of%20provenance%20of%20the%20food https://media.hachettelearning.com/media/libraries/hodder/samples/food-preparation-and-nutrition/14-16/ncfe-level-1-2-technical-award-in-food-and-cookery/mrn-food-and-cookery-sample-pages-9781398378957.pdf https://www.bbc.co.uk/bitesize/guides/zks8jty/revision/3 https://www.bbc.co.uk/bitesize/guides/ztwvk2p/revision/3 https://www.bbc.co.uk/bitesize/subjects/zdn9jhv https://www.bbc.co.uk/bitesize/guides/zks8jty/revision/2</p> <p>Food groups, key nutrients and a balanced diet. https://www.bbc.co.uk/bitesize/guides/z8rqw6f/revision/1</p> <p>Food preparation, cooking skills and techniques. https://www.bbc.co.uk/bitesize/subjects/zdn9jhv https://www.bbc.co.uk/bitesize/guides/zdr8y9q/revision/1</p> <p>Food, Nutrition and Health. https://www.bbc.co.uk/bitesize/subjects/zdn9jhv</p>				

Lead Teacher	Mrs C Stack	Email	Claire.stack@manchester-academy.org
Specification	https://www.ncfe.org.uk/qualification-search/qualification-detail/ncfe-level-12-technical-award-in-food-and-cookery-973		

IIMEDIA



Paper	<i>1</i>	Length	<i>1hr 30mins</i>	Marks	<i>80</i>
Topics	<i>- CA1: understand the different types of interactive media products and their features</i> <i>- CA2: consider the audiences of interactive media products</i>				
Revision Resources	<ul style="list-style-type: none">• BBC Bitesize CA1: https://www.bbc.co.uk/bitesize/guides/zcbqrwx/revision/2• BBC Bitesize CA2: https://www.bbc.co.uk/bitesize/guides/zy24p39/revision/1• NCFE Workbook 1• NCFE Workbook 2				

Lead Teacher	<i>Ms Rashid</i>	Email	nazim.rashid@manchester-academy.org
Specification	Interactive Media		

BUSINESS (NCFE)



Paper	CA1 & CA2	Length	1hr 30 mins	Marks	80
Topics	<p>Entrepreneurship, Business Organisation and Stakeholders</p> <p>Being an Entrepreneur An entrepreneur is someone who creates a business by spotting opportunities and taking risks.</p> <p>Business and Enterprise Aims and Objectives Businesses set aims and objectives to give direction and help measure success.</p> <p>Business Structures Different business structures (like sole trader, partnership, or Ltd) affect ownership, control, and risk.</p> <p>Stakeholders – Internal and External Stakeholders are individuals or groups who are affected by the business, such as employees, owners, customers, and suppliers.</p> <p>Market Research, Market Types and Orientation</p> <p>Primary and Secondary Research Primary research collects new data directly from customers, while secondary research uses existing information.</p> <p>Mass Market and Niche Market Mass markets sell products to large, broad groups of people, while niche markets focus on smaller, specialised groups.</p> <p>Product and Market Orientation Product-orientated businesses focus on what they can make, while market-orientated businesses focus on what customers want.</p> <p>Marketing Mix</p> <p>Price Price is how much a business charges for its product, which must reflect value and competition.</p> <p>Product Product refers to the goods or services a business offers to satisfy customer wants or needs.</p> <p>Place Place is how and where a product is distributed or made available to customers.</p> <p>Promotion Promotion is how a business communicates with customers to increase awareness and sales.</p> <p>Product Life Cycle The product life cycle describes how a product moves through stages from introduction to decline.</p> <p>Stages and Characteristics The stages—introduction, growth, maturity, and decline—each have different sales levels, competition, and marketing needs.</p> <p>Extension Strategies Extension strategies help extend a product's life in the market, such as improving the product or lowering the price.</p>				
Revision Resources	<ul style="list-style-type: none"> CA1 & CA2 revision guide & workbook on Teams: Johanna Moore: PPE Revision Materials 10B-Be 25/26 > General Microsoft Teams or Johanna Moore: Spring PPE Revision Materials 10A-BE 25/26 > General Microsoft Teams CA1 & CA2 revision guide distributed to students NCFE Level 1/2 Technical Award in Business and Enterprise NCFE 				

Lead Teacher	Mrs Moore	Email	Johanna.moore@manchester-academy.org
Specification	https://www.ncfe.org.uk/media/aigfd51i/603-7004-x-qualification-specification-version-1-3.pdf		

BUSINESS (GCSE)



Paper	1.1, 1.2, 1.3	Length	1hr 50 mins	Marks	90
Topics	<p>1.1 Enterprise and Entrepreneurship</p> <ul style="list-style-type: none"> Entrepreneurs are people who come up with ideas and start businesses, taking risks to earn rewards. They need certain skills (like planning) and qualities (like confidence) to succeed. Businesses add value and help the economy by creating jobs and new products. <p>1.2 Spotting a Business Opportunity</p> <ul style="list-style-type: none"> Businesses must understand what customers want, like good price, quality and convenience. Market research helps a business find out information about customers and competitors. Splitting the market into groups (segmentation) and knowing rivals helps a business stand out. <p>1.3 Putting a Business Idea Into Practice</p> <ul style="list-style-type: none"> Businesses set aims and objectives so they know what they want to achieve. They need to understand money basics like revenue, costs and profit. Cash flow is important so the business always has enough money to pay its bills. 				
Revision Resources	<ul style="list-style-type: none"> https://www.bbc.co.uk/bitesize/examspecs/z98snbk https://www.tutor2u.net/business/gcse https://www.tutor2u.net/business/gcse https://revisionworld.com/gcse-revision/business-studies https://www.businessed.co.uk (117) EDEXCEL GCSE Business Exam Technique - YouTube Revision guides posted on Teams channels 				

Lead Teacher	Mrs Moore	Email	Johanna.moore@manchester-academy.org
Specification	https://qualifications.pearson.com/en/qualifications/edexcel-gcses/business-2017.html		

MY REVISION TIMETABLE

Week ____	Slot 1 __:__:__->__:__:__	Slot 2 __:__:__->__:__:__	Slot 3 __:__:__->__:__:__
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

Week ____	Slot 1 __:__:__->__:__:__	Slot 2 __:__:__->__:__:__	Slot 3 __:__:__->__:__:__
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

MY REVISION TIMETABLE

Week ____	Slot 1 __:__:__->__:__:__	Slot 2 __:__:__->__:__:__	Slot 3 __:__:__->__:__:__
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

Week ____	Slot 1 __:__:__->__:__:__	Slot 2 __:__:__->__:__:__	Slot 3 __:__:__->__:__:__
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			