STUDENT REVISION GUIDE

Y11 Spring PPE
2nd March – 23rd March

Name		Form		Candidate Number	

EXAM TIMETABLE

Date	Period	TT	Exam
Monday 23rd February	1	Sci	**11D Drama - real GCSE**
	2	B	
	3	xPE yEng	
	4	xEng yMa	
	5	C	
Tuesday 24th February	1	xEng yMa	**11C Drama - real GCSE** **11B Photography PPE**
	2	Sci	
	3	A	
	4	A	
	5	xMa yEng	
Wednesday 25th February	1	D	**Art PPE**
	2	D	
	3	xMa yEng	
	4	A	
	5	xEng yMa	
Thursday 26th February	1	xPE yPSHE	**11D Drama - real GCSE** **11D Photography PPE**
	2	C	
	3	B	
	4	xMa yEng	
	5	Sci	
Friday 27th February	1	C	**11C Drama - real GCSE**
	2	C	
	3	xEng yMa	
	4	Sci	
	5	xMa yEng	

EXAM TIMETABLE

Date	Period	TT	Exam
Monday 2nd March	1	xMa yPE	**English Language Paper 1** (1hr 45mins) Send students 8:45, Start 9:00, End 10:45
	2	Sci	
	3	xEng yMa	**History Paper 1** (1hr 20mins) Send students 11:30, Start 11:45, End 13:05
	4	xPSHE yEng	
	5	B	
Tuesday 3rd March	1	xEng yMa	**Biology Paper 2** (1hr 45m/1hr 15mins) Send separate 8:45, Start 9:00, End 10:45 Send combined 9:15, Start 9:30, End 10:45
	2	xEng yMa	
	3	A	**Business Paper 1** (1hr 45mins) Send students straight from break, Start 11:20, End 13:05
	4	D	**Computer Science Paper 1** (1hr 30mins) (8 clashes) Send students 11:20, Start 11:35, End 13:05
	5	Sci	
Wednesday 4th March	1	xMa yEng	**English Language Paper 2** (2hr 15mins) Send students 8:30, Start 8:35, End 10:50
	2	xMa yEng	
	3	A	**iMedia** (1hr 30mins) (1 clash) **Computer Science Paper 2** (1hr 30mins) Send students 11:20, Start 11:35, End 13:05 **Child Development (**1hr 15mins) Send students at 11:35 Start 11:50, End 13:05
	4	D	
	5	xEng yMa	**French / Spanish F** (45mins) **Arabic Reading F** (50mins) Send students straight from lunch, Start 14:10, End 14:55/15:00 **French / Spanish H** (1hr) **Arabic Reading H** (1hr 5mins) Send students straight from lunch, Start 14:10, End 15:10/15:15
Thursday 5th March	1	B	**Design Technology** (2hrs) Send students 8:30, Start 8:45, End 10:45 **Sports Studies** (1hr 30mins) (2 clashes) Send students 9:00, Start 9:15, End 10:45
	2	B	
	3	Sci	**Maths Paper 1** (1hr 30mins) Send students 11:20, Start 11:35, End 13:05
	4	xMa yEng	
	5	C	**Geography Paper 3** (1hr) Send students straight from lunch, Start 14:10, End 15:10
Friday 6th March	1	D	**History Paper 2** (1hr 45mins) Send students 8:45, Start 9:00, End 10:45
	2	xEng yMa	
	3	Sci	**Religious Education Paper 1** (1hr 45mins) Send students straight from break, Start 11:25, End 13:10 **Food + Cookery** (1hr 15mins) (5 clashes) Send students 11:40, Start 11:55, End 13:10
	4	Sci	
	5	xMa yPSHE	

EXAM TIMETABLE

Date	Period	TT	Exam
Monday 9th March	1	Sci	**Maths Paper 2** (1hr 30mins) Send students 9:00, Start 9:15, End 10:45
	2	B	
	3	xPE yEng	**English Literature Paper 1** (1hr 45mins) Send separate straight from break, Start 11:25, End 13:10
	4	xEng yMa	
	5	C	
Tuesday 10th March	1	xEng yMa	**Chemistry Paper 2** (1hr 45m/1hr 15mins) Send separate 8:45, Start 9:00, End 10:45 Send combined 9:15, Start 9:30, End 10:45
	2	Sci	
	3	A	**Geography Paper 1 (**1hr 30mins) Send students 11:20, Start 11:35, End 13:05
	4	A	
	5	xMa yEng	
Wednesday 11th March	1	D	**History Paper 3** (1hr 30mins) Send students 9:00, Start 9:15, End 10:45
	2	D	
	3	xMa yEng	**Geography Paper 2** (1hr 30mins) Send students 11:20, Start 11:35, End 13:05
	4	A	
	5	xEng yMa	
Thursday 12th March	1	xPE yPSHE	**Mop up absences so far**
	2	C	
	3	B	**Religious Education Paper 2** (1hr 45mins) Send separate straight from break, Start 11:25, End 13:10
	4	xMa yEng	
	5	Sci	
Friday 13th March	1	C	**Business Paper 2** (1hr 45mins) Send separate 8:45, Start 9:00, End 10:45
	2	C	
	3	xEng yMa	**Physics Paper 2** (1hr 45m/1hr 15mins) Send separate straight from break, Start 11:25, End 13:10 Send combined 11:35, Start 11:55, End 13:10
	4	Sci	
	5	xMa yEng	

EXAM TIMETABLE

Date	Period	TT	Exam
Monday 16th March	1	xMa yPE	**Maths Paper 3** (1hr 30mins) Send students 9:00, Start 9:15, End 10:45
	2	Sci	
	3	xEng yMa	**French / Spanish Writing F** (1hr 15mins) **Arabic Writing F** (1hr 20mins) Send students 11:35, Start 11:50, End 13:05/13:10
	4	xPSHE yEng	**French / Spanish Writing H** (1hr 20mins) **Arabic Writing H** (1hr 25mins) Send students 11:30, Start 11:45, End 13:05/13:10
	5	B	

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	1	Length	1hrs 45mins	Marks	80

Topics1	Paper 1 English Literature is split into 2 sections:

Section A – Shakespeare

- You must find Question 1 and answer Q1a and Q1b on **MACBETH**.

- **Part A** is where you are asked to analyse an extract from the text based on ideas, language and structure. You should write 3 What, Where, How, Why paragraphs using ideas and techniques to guide your answer. The extract will be from Act 1 or Act 2. **You can only refer to what is printed in the extract!**

- **Part B** is where you are asked to explain the importance of a theme from the text. You must remember key quotations and moments from the novella and think about how they are important to the Plot, Relationships, Intentions and Context. You should write 3 What, Where, How, Why paragraphs. **You shouldn't refer to the extract!**
- Possible themes for Part B are: **The Supernatural, Leadership, Doubt, Death.**

Section B – Post-1914 Literature

- You must find Question 17 and Question 18 on **REFUGEE BOY**.
- You must pick between Question 17 and Question 18. You must only answer one!
- In this section, you must explain the importance/significance of a theme, relationship or character from the text.
- You should write an introduction (thesis statement) discussing why the theme is important, link to a specific moment and link to Sissay's main intentions.
- You must remember key quotations and moments from the play and think about how they are important to the Plot, Relationships, Intentions and Context.
- You should write at least 3-5 What, Where, How, Why paragraphs where you explain the PRIC of the text. You do not get marks for analysing language and structure.
- Possible themes are: **Authority Figures, Parental Figures, Growing Up, Hope, Conflict.**

Revision Resources	• BBC Bitesize – Macbeth - https://www.bbc.co.uk/bitesize/topics/zsctbk7

- BBC Bitesize – Macbeth - https://www.bbc.co.uk/bitesize/topics/zsctbk7
- PMT Macbeth - https://www.physicsandmathstutor.com/english-revision/gcse-edexcel/macbeth/
- YouTube Macbeth Edexcel - https://www.youtube.com/watch?v=lsziHRyBWao&list=PLHWQ-StyRp0ih9h6SE1LqLLHkBSA908a7&index=3
- YouTube Macbeth Context - https://www.youtube.com/watch?v=-S6sQtmbYhY
- BBC Bitesize – Refugee Boy - https://www.bbc.co.uk/bitesize/topics/z84wh4j
- Refugee Boy Characters - https://youtu.be/FhK3JtOUtNk
- Refugee Boy Themes - https://youtu.be/SjcmxxYtdsA

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		

ENGLISH LANGUAGE

Papers	1 and 2	Length	P1 = 1hr 45mins P2 = 2hr 5mins	Marks	P1 = 64 P2 = 96

PAPER 1

SECTION A: 19th Century Fiction Texts
You will be provided with one 19th century fiction extract. You will be asked 4 questions on it.

QUESTIONS FOR THE EXTRACT
Q1) Explicit information – provide 1 clear quotations - **1 mark**
Q2) Implicit information – provide 2 quotations or paraphrase your response – **2 marks**
Q3) Analysing language and structure – **6 marks**
Write 2 What/Where/How/Why paragraphs on language and structural techniques, commenting on how it interests and engages the reader
Q4) Evaluating success – **15 marks**
Write 3 What/Where/How/Why paragraphs on how successfully the writer is at meeting the intended purpose. Consider PECS: how powerful, effective, compelling or successful is the writer in meeting the purpose?

SECTION B: Imaginative Writing
You will be giving the choice of two questions. You will be tested on your creativity and your ability to build a realistic, engaging narrative arc as well as your ability to sequence ideas and write accurately (SPaG).
You should write in a specific-genre (dystopian or science-fiction is recommended) and build a clear story.

PAPER 2

SECTION A: Non-fiction Texts
You will be provided with two non-fiction extracts from the 20th or 21st century. You will be asked 7 questions on these texts.

QUESTIONS FOR TEXT 1
Q1) **a**Explicit information – provide 2 clear quotations - **2 marks**
Q2) Implicit information – provide 2 quotations or paraphrase your response – **2 marks**
Q3) Analysing language and structure – **15 marks**
Write 3 What/Where/How/Why paragraphs on language and structural techniques, commenting on how it interests and engages the reader

QUESTIONS FOR TEXT 2
Q4) Explicit information – provide 1 clear quotation – **1 mark**
Q5) Implicit information – provide 1 quotation or paraphrase your response – **1 mark**
Q6) Evaluating success – **15 marks**
Write 3 What/Where/How/Why paragraphs on how successfully the writer is at meeting the intended purpose. Consider PECS: how powerful, effective, compelling or successful is the writer in meeting the purpose?

QUESTIONS FOR BOTH TEXT 1 AND TEXT 2
Q7a) Comparing similarities – **6 marks**
Write 3 similarities between the texts. Each paragraph should be simple and only be What, Where statements. Be as explicit as possible with your writing, always linking to the question.
Q7b) Comparing ideas, language and structure – **14 marks**
Write 3 What/Where/How/Why paragraphs comparing the use of language and structure used in both texts. Ensure that you talk about both texts together and identify the similarities and differences.

SECTION B: Transactional Writing
You will be giving the choice of two questions. You will be tested on your persuasive or informative tone as well as your ability to sequence ideas and write accurately (SPaG).
You could be asked to write a speech, a letter, a review, a blog, an article or other forms of transactional writing.

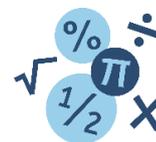| Lead Teacher	Mr Glasby	Email	Ryan.Glasby@manchester-academy.org
Specification	https://qualifications.pearson.com/content/dam/pdf/GCSE/English%20Language/2015/specification-and-sample-assesment/gcse-2015-englang-spec.pdf		

MATHEMATICS (FOUNDATION)

Paper	1F, 2F, 3F	Length	1hr 30mins	Marks	80

Topics	*Most likely topics*

Paper 1
Algebraic expressions and fractions
Apply four operations
Calculate exactly with fractions
Calculate exactly with multiples of π
Circle definitions and properties
Correlation and causation
Fractions, decimals and percentages
Function machines
Graphs and equations of lines
Graphs of functions in real contexts
Index notation
Line of best fit
Measures of spread (range)
Primes, factors, multiples
Probability
Properties of 2D shapes
Proportion
Pythagoras's Theorem and Trigonometry
Ratio in real context
Roots and powers
Scale drawings and bearings
Scale factors, scale diagrams and maps
Scatter graphs
Solve linear equations
Stem and leaf diagrams
Units
Use compound units

Paper 2
Algebraic expressions and fractions
Apply four operations
Area
Averages
BIDMAS and inverse operations
Compound interest
Distance-time graphs, velocity-time graphs
Graphs of quadratic functions
Percentages
Pie charts
Probability
Probability diagrams
Properties of angles
Proportion
Randomness
Ratio in real context
Roots and powers
Roots, intercepts, turning points of quadratic functions
Rounding
Scale drawings and bearings
sequences of diagrams and numbers
Solve linear equations
Standard form
Substitute values
Units
Units
Volume

Paper 3
Algebra
Algebraic expressions
Algebraic expressions, formulae or equations
Apply four operations
Averages
Bar charts
Change between units
Coordinates
Expand expressions
Factorise expressions
Fairness and equally likely events
Fractions
Fractions, decimals and percentages
Geometry
Graphs and equations of lines
Order numbers
Parallel lines
Percentages
Primes, factors, multiples
Probability
Roots and powers
Rounding
Scale factors
Solve quadratic equations
Standard form
Surface area and volume
Theoretical probability; appropriate language; 0-1 probability scale
Transformations
Units
Use compound units

Revision Resources	• *Practice papers – answer all questions* • *Themed topic papers* • *Sparx homework and revision topics* • *Sparx independent learning* • *Maths Genie - Free Online GCSE and A Level Maths Revision* • *Physics & Maths Tutor* • *Maths Made Easy: GCSE Maths Revision	Past Papers	Worksheets	Online Tests*

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

MATHEMATICS (HIGHER)

Paper	1H, 2H, 3H	Length	1hr 30mins	Marks	80

Topics	*Most likely topics*

Paper 1
Box plots
Circumference and area of a circle
Conditional probability
Congruent and similar shapes
Correlation and causation
Expand expressions
Factorise expressions
Graphs and equations of lines
Graphs of functions
Index notation
Line of best fit
Listing strategies
Percentages
Proportion
Quadratic functions
Ratio in real context
Recurring decimals
Scatter graphs
Sine and cosine rule
Solve linear equations
Solve quadratic equations
Surds
Transformations
Translations and reflections of a function
Use compound units
Vectors

Paper 2
Approximate solutions to
Area of a triangle using the angle formula
Averages
BIDMAS and inverse operations
Circle theorems
Circumference and area of a circle
Compound interest
Functions
Graphs of quadratic functions
Graphs of reciprocal functions
Independent and dependent events
Iteration
Limits of accuracy; bounds
Measures of spread
Probability diagrams
Proof
Proportion
Pythagoras's Theorem and Trigonometry
Ratio in real context
Rearrange formulae
Roots and powers
Roots, intercepts, turning points of quadratic functions
Rounding
Rounding and Inequalities
Simultaneous equations
Solve linear inequalities
Standard form
Substitute values
Transformations

Paper 3
Algebraic expressions, formulae or equations
Area under graph
Circle theorems
Cumulative frequency
Distance-time graphs, velocity-time graphs
Equation of a circle
Expand expressions
Histograms
Inequality on a number line
Listing strategies
Percentages
Primes, factors, multiples
Probability
Proportion
Pythagoras's Theorem and Trigonometry
Rounding
Solve linear inequalities
Standard form
Surface area and volume
The nth term
Use compound units
Vectors

Revision Resources	• *Practice papers – answer all questions* • *Themed topic papers* • *Sparx homework and revision topics* • *Sparx independent learning* • *Maths Genie - Free Online GCSE and A Level Maths Revision* • *Physics & Maths Tutor* • *Maths Made Easy: GCSE Maths Revision	Past Papers	Worksheets	Online Tests*

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

COMBINED SCIENCE

Paper	Paper 2	Length	1hr 15mins x3	Marks	70

Topics	**B5 Homeostasis** – *The human nervous system, reflex actions, the endocrine system, control of blood glucose, female reproductive hormones, contraception, use of hormones for infertility (HT only)*
	B6 Inheritance, variation and evolution – *Genetic inheritance, inherited disorders, variation, evolution, selective breeding, genetic engineering, classification.*
	B7 Ecology – *Communities and ecosystems, adaptations, estimating populations, biodiversity, land use and climate change.*
	C6 The rate and extent of chemical change – *Rates of reaction, catalysts, reversible reactions, Le Chatelier's principle (HT only)*
	C7 Organic chemistry – *Hydrocarbons, fractional distillation, cracking and alkenes*
	C8 Chemical analysis – *Pure substances and formulations, chromatography, tests for common gases.*
	C9 Atmospheric chemistry – *Changes in Earth's atmosphere, carbon footprint, atmospheric pollutants.*
	C10 Using resources – *Using resources, life cycle assessments, potable water, alternative methods for extracting metals (HT only)*
	P5 Forces – *Scalars and vectors, weight as a force, resultant force, Hooke's law, speed and velocity, acceleration, Newton's 3 laws of motion, stopping distances, momentum (HT only)*
	P6 Waves – *Longitudinal and transverse waves, calculating speed of waves, the electromagnetic spectrum.*
	P7 Magnetism and electromagnetism – *Poles of a magnet, electromagnets, the motor effect (HT only)*
Revision Resources	• *Paper work book from your teacher and past papers emailed to you* • *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	*https://www.aqa.org.uk/subjects/science/gcse/science-8464/specification/specification-at-a-glance*		

BIOLOGY

Paper	2	Length	1hr 45mins	Marks	100

Topics	**B5 Homeostasis** – *The human nervous system, reflex actions, the brain, the eye, control of body temperature, the endocrine system, control of blood glucose, maintaining water and nitrogen balance, female reproductive hormones, contraception, use of hormones for infertility (HT only) plant hormones (HT only).* **B6 Inheritance, variation and evolution** – *Genetic inheritance, DNA structure, inherited disorders, variation, evolution, selective breeding, genetic engineering, cloning, theory of evolution, speciation, the understanding of genetics, classification.* **B7 Ecology** – *Communities and ecosystems, adaptations, estimating populations, material cycles, decomposition, impact of environmental change (HT only) biodiversity, land use and climate change, trophic levels, pyramids and transfer of biomass, food production.*

Revision Resources	• *Paper Resources given and saved on Teams*
	  11xSc1 Biology Past Papers 11xSc2 Biology 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	*Katie Evans*	**Email**	*katie.evans@manchester-academy.org*
Specification	https://www.aqa.org.uk/subjects/biology/gcse/biology-8461/specification/specification-at-a-glance		

CHEMISTRY

Paper	2	Length	1hr 45mins	Marks	100

Topics	**C6 The rate and extent of chemical change** – *Rates of reaction, catalysts, reversible reactions, Le Chatelier's principle (HT only)* **C7 Organic chemistry** – *Hydrocarbons, fractional distillation, cracking and alkenes, alcohols, carboxylic acids, polymers, natural polymers (HT only).* **C8 Chemical analysis** – *Pure substances and formulations, chromatography, tests for common gases, tests for positive ions, tests for negative ions, instrumental methods, flame emission spectroscopy.* **C9 Atmospheric chemistry** – *Changes in Earth's atmosphere, carbon footprint, atmospheric pollutants.* **C10 Using resources** – *Using resources, life cycle assessments, potable water, alternative methods for extracting metals (HT only), corrosion, alloys, ceramics, polymer, composites, The Haber process, NPK fertilisers.*

Revision Resources	• *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*	Email	*Andrew.spencer@manchester-academy.org*
Specification	*https://www.aqa.org.uk/subjects/chemistry/gcse/chemistry-8462/specification/specification-at-a-glance*		

PHYSICS

Paper	2	Length	1hr 45mins	Marks	100

Topics	**P5 Forces** – *Scalars and vectors, weight as a force, resultant force, Hooke's law, moments, levers and gears, pressure, speed and velocity, acceleration, Newton's 3 laws of motion, stopping distances, momentum (HT only), changes in momentum (HT only)* **P6 Waves** – *Longitudinal and transverse waves, calculating speed of waves, reflection of waves, sound waves, waves for detection and exploration, the electromagnetic spectrum, lenses, visible light, black body roadiation.* **P7 Magnetism and electromagnetism** – *Poles of a magnet, electromagnets, the motor effect (HT only), loudspeakers (HT only), induced potential (HT only), microphones (HT only), transformers (HT only).* **P8 Space**– *Our solar system, life cycle of a star, orbital motion and satellites, red shift.*
Revision Resources	• *Paper Resources given and saved on Teams* *11A/Ss Physics past papers 11B/Ss Physics 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	Mr Waters	Email	Craig.waters@manchester-academy.org
Specification	*https://www.aqa.org.uk/subjects/physics/gcse/physics-8463/specification/specification-at-a-glance*		

HISTORY

Paper	Paper 1 Crime and Punishment	Length	1hr 20mins	Marks	52
Topics	*Key topic 1: Medieval Crime and Punishment* *Key topic 2: Early Modern Crime and Punishment* *Key topic 3: Industrial Crime and Punishment* *Key topic 4: Modern Crime and Punishment* *Key topic 5: Whitechapel*				
Revision Resources	• *Black revision guide* • *Lesson resources on Teams* • *BBC bitesize* • *Edexcel GCSE History (2016)	Pearson qualifications*				

Paper	Paper 2 Cold War and Elizabeth	Length	1hr 50mins	Marks	64
Topics	***Cold War:*** *Key topic 1: The origins of the Cold War, 1941-58* *Key topic 2: Cold war crisis 1958-70* *Key topic 3: The end of the cold war 197-91* ***Elizabethan England:*** *Key topic 1: Queen, Government and Religion 1558-69.* *Key topic 2: Challenge to Elizabeth at home and abroad, 1569-88* *Key topic 3: Elizabethan Society in the are of exploration 1558-88*				
Revision Resources	• *Black revision guide* • *Lesson resources on Teams* • *BBC bitesize* • *Edexcel GCSE History (2016)	Pearson qualifications*				

Paper	Paper 3 Weimar and Nazi Germany	Length	1hr 30mins	Marks	52
Topics	- *Key topic 1 The Weimar Republic 1918-29* - *Key topic 2 Hitlers rise to power 1919-1933* - *Key topic 3 Nazi control and dictatorship 1933-1939* - *Key topic 4 Life in Nazi Germany 1933-1932*				
Revision Resources	• *Black revision guide* • *Lesson resources on teams* • *BBC bitesize* • *Edexcel GCSE History (2016)	Pearson qualifications*				

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	1hr 30mins	Marks	88
Topics	*Paper 1* *Section A: Challenges with the natural world* - *Natural Hazards* - *Tectonic Hazards* - *Weather Hazards* - *Climate Change* *Section B: The Living World* - *Ecosystems* - *Tropical rainforests* - *Hot deserts* *Section C: Physical Landscapes in the UK* - *Coasts* - *Rivers*				
Revision Resources	• *CGP revision guides* • *Lesson resources on teams* • GCSE Geography - AQA - BBC Bitesize				

Paper	2	Length	1hr 30mins	Marks	88
Topics	*Paper 2* *Section A: Urban issues and challenges* - *Growing population in urban areas* - *Opportunities and challenges for cities NEEs (Lagos)* - *Urban change in the UK (Liverpool)* *Section B: changing economic world* - *Development* - *The DTM* - *Reducing the global development gap* - *Consequences of uneven development* - *Economic development* - *India* - *UK*				
Revision Resources	• *CGP revision guides* • *Lesson resources on teams* • GCSE Geography - 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	Paper 1: Islam and Christianity Paper 2: Themes (B-E-A-D)	Length	Paper 1: 1hr 45mins Paper 2: 1hr 45mins	Marks	Paper 1: 102 Paper 2: 99 Total: 201
Topics	**PAPER 1** **Islam Beliefs** The Nature of God & Tawhid / Sunni & Shi'a Beliefs (The Six Articles & Five Roots) / Angels / Predestination / Life After Death / Prophethood (Including Adam, Ibrahim and Muhammad) / The Imamate / The Qur'an and Holy Books **Islam Practices** The Five Pillars and Ten Obligatory Acts / The Shahadah; Salah (Including the Night Journey) / Zakat / Sawm / Hajj Jihad / Muslim Festivals (Eid ul-Fitr, Eid ul-Adha, Ashura) **Christianity Beliefs** The Nature of God & The Trinity / The Creation of the World (Genesis 1 and John 1) / Adam and Eve and Original Sin (Genesis 3) / Salvation / The Incarnation (Jesus' birth, ministry and teachings) / The Crucifixion / The Resurrection / The Ascension / Judgement and the Afterlife **Christianity Practices** Prayer & Worship / Baptism (Infant & Believers') / Holy Communion / Christian Pilgrimages (Iona & Lourdes) / Christian Festivals (Christmas & Easter) / The Church in the Community / Church Growth, Mission and Evangelism / Persecution & Reconciliation / Charity **PAPER 2** **Theme A** Sexuality & Sexual Relationships / Marriage / Sex outside of marriage (Adultery) / Sex before marriage / Contraception and Family Planning / Re-Marriage and Divorce / Nature of Family / Purpose of Family / Gender Equality **Theme B** The Origins of Life / The Value of the World / The Use and Abuse of the Environment (The Facts) / The Use and Abuse of the Environment (Religious Teachings) / The Use and Abuse of Animals (The Facts) / The Use and Abuse of Animals (Religious Teachings) / Abortion / Euthanasia / Afterlife **Theme D** Violent Protest, Peaceful Protest and Terrorism / Reasons for War / Nuclear War and WMD / The Just War Theory, Lesser Jihad and Holy War / Pacifism / Victims of War **Theme E** Reasons for Crime / Reasons for Crime / Civil Disobedience and Unjust Laws / Types of Crime / Christian attitudes to crime and lawbreakers / Muslim attitudes to crime and lawbreakers / Aims of Punishment / Corporal Punishment / Capital Punishment / Prison and Community Service / Forgiveness
Revision Resources	• Islam and Christianity Revision Guides • Theme B, E, A, D Revision Guides • Paper 1 and Paper 2 Quote Sheets • ModeL Answer / Practice questions / Exam Structure Booklet • Links to videos (this will be emailed to you)

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			

FRENCH

Merci
Bonjour
Au revoir

Paper	1. Listening 2. Reading 3. Writing 4. Speaking	Length	1. L F = 50 mins 1. L H = 60 mins 2. R F = 45 mins 2. R H = 60 mins 3. W F = 75 mins 3. W H = 80 mins 4. S H = 30 mins 4. S F = 30 mins	Marks	1. Listening = 50 2. Reading = 50 3. Writing = 50 4. Speaking = 50
Topics	1. Lifestyle and wellbeing o Sports o Free time o Healthy lifestyle o Wellbeing 2. Media and technology o Tv programs o Films o Technology 3. My personal world. o Family o Friends o Free time with friends o Personal plans 4. Studying and the future o School o Future plans				
Revision Resources	• Lesson resources on Teams • Revision guide provided to students • Languagenut: https://www.languagenut.com/administration/#/ • Vocabulary booklet • General conversation • https://www.bbc.co.uk/bitesize/subjects/z9dqxnb				

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

SPANISH

Gracias
Hola
Adiós

Paper	1. Listening 2. Reading 3. Writing 4. Speaking	Length	1. L F = 50 mins 1. L H = 60 mins 2. R F = 45 mins 2. R H = 60 mins 3. W F = 75 mins 3. W H = 80 mins 4. S H = 30 mins 4. S F = 30 mins	Marks	1. Listening = 50 2. Reading = 50 3. Writing = 50 4. Speaking = 50

Topics	1. Lifestyle and wellbeing
	    o Sports
	    o Free time
	    o Healthy lifestyle
	    o Wellbeing
	
	2. Media and technology
	    o Tv programs
	    o Films
	    o Technology
	
	3. My personal world.
	    o Family
	    o Friends
	    o Free time with friends
	    o Personal plans
	
	4. Studying and the future
	    o School
	    o Future plans				

Revision Resources	• Lesson resources on Teams • Revision guide provided to students • Languagenut: https://www.languagenut.com/administration/#/ • Vocabulary booklet • General conversation • https://www.bbc.co.uk/bitesize/examspecs/zjgpg2p				

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

ARABIC

Paper		Length		Marks	
Paper	1. Listening 2. Reading 4. Writing	**Length**	1. 1hr 2. 1hr 4. 1hr 30 mins	**Marks**	1. 50 2. 50 4. 60
Topics	*Theme 1: Identity and Culture Topics:* ● *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* *Theme 2: Local area, holiday and travel Topics:* ● *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* *Theme 3: School Topics:* ● *What school is like: school types; school day; subjects; rules and pressures; celebrating success* ● *School activities: school trips; events and exchanges* *Theme 4: Future aspirations, study and work Topics:* ● *Using languages beyond the classroom: forming relationships; travel; employment* ● *Ambitions: further study; volunteering; training* ● *Work: jobs; careers and professions* *Theme 5: International and global dimension Topics:* ● *Bringing the world together: sports events; music events; campaigns and good causes* ● *Environmental issues: being 'green'; access to natural resources*				
Revision Resources	*Arabic ppts on Tes resources:* **https://www.tes.com/resources/search/?&q=tahani%20anani** *Languagenut: every student has a username with a password.* *Exam papers; online Arabic Edexcel GCSE papers as shown below:* **http://www.pastpapersz.com/edexcel/gcse-arabic/**				

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		

ART

Paper	*Externally Set paper themes*	Length	*5hrs*	Marks	*30*

Topics	*Unit 2- chosen from the booklet, such as Mechanical forms, Layers, beauty etc…*
	Developing Ideas for a final response based upon the work produced to date
	A final design on the theme chosen from the theme topics as above
	Response should refer to artists work who students have been exploring before the PPE
	Students should be influenced by the style and techniques used by a number of artists and show how these have affected their own ideas.
	• *Final response inspired by artists techniques on a chosen theme.* • *Reference to Artists work* • *Annotations about inspiration and ways of improvement* • *Swatches of techniques and materials used*

Revision Resources	• *https://www.bbc.co.uk/bitesize/guides/z6srdnb/revision/1* • *https://www.youtube.com/watch?v=NYq-_hjFanM* • *https://uk.pinterest.com/zoelmoore/gcse-art-final-pieces/* • *https://uk.pinterest.com/search/pins/?q=gcse%20artist%20response&rs=typed* • *https://www.castlefordacademy.com/wp-content/uploads/2022/02/Final-Piece-Planning.pdf*

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	*Portfolio*	**Length**	*5 hrs*	**Marks**	*96*

Topics	• *Editing techniques* • *Manipulation* • *Photographic genre* • *Artist/photographer influence* • *Explaining editing and manipulation processes* • *Presenting outcomes* • *Developing ideas* • *Composition* • *Viewpoint* • *Lighting* • *Shutter speed* • *Aperture* • *ISO*
Revision Resources	• *Portfolio Guidebook* *Portfolio Guide PDF.pdf* • *Photographic process - Photography and cameras - AQA - GCSE Art and Design Revision - AQA - BBC Bitesize* • *Camera Basics - ISO* • *What is Shutter Speed — Camera Shutter and the Exposure Triangle Explained [Ep. 3]* • *Ultimate Guide to Camera Aperture — What is Aperture & the Exposure Triangle Explained [Ep 1]*

Lead Teacher	*Jon Fitton*	**Email**	*jon.fitton@manchester-academy.org*
Specification	*GCSE Art and Design 8206	Specification	Subject Content	Photography	AQA*		

MUSIC = BTEC

Paper	Component 3 **_NOT PPE REAL EXAM_**	Length	_25hrs_	Marks	_60_

Topics	_Component 3 25 hours in lesson time to be completed by the 30th April._ - _Activity 1: 8 marks_ - _Plan_ - _How do you plan to meet the requirements of the brief_ - _Listen to your song over and over again_ - _Complete research outside of lessons_ - _Practice your instrument_ - _Come to rehearse at break and lunch_ - _Activity 2: 44 marks_ - _Rehearse, compose and produce your song in the new style_ - _Perform your song_ - _Download your song_ - _Activity 3 : 8 marks_ - _Evaluate the process_
Revision Resources	• Watch you tube videos of how to ……. practice the skill you need to improve • Tabbypro • Musescore

DRAMA = BTEC

Paper	Component 3 **NOT PPE REAL EXAM**	Length	18hrs	Marks	60

Topics	Component 3
	Complete in lessons due April 30th
	Activity 1: completed already worth 15 marks The ideas process
	Activity 2: rehearsal and skills log: 15 marks
	Make notes of any developments / changes that happen in rehearsal. This will be written up after the Performance
	Activity 3: 18 marks Performance on 26th or 27th February
	Activity 4: Evaluation: 12 marks

Revision Resources	• Youtube search:
	   • GCSE performances: Brecht, Berkoff, physical theatre
	   • Gecko performances
	   • Frantic assembly performances
	   • Research your practitioners

Lead Teacher	Rebecca McLellan	Email	Rebecca.mclellan@manchester-academy.org
Specification	https://qualifications.pearson.com/content/dam/pdf/btec-tec-awards/performing-arts/2022/specification-and-sample-assessments/btec-tech-award-performing-arts-spec.pdf		

DESIGN AND TECHNOLOGY

Paper	*Written*	**Length**	*2hrs*	**Marks**	*100*
Topics	The **AQA GCSE Design & Technology written paper** covers three main areas. **Core Technical Principles** include new and emerging technologies, sustainability, energy generation and storage, mechanical and electronic systems, and the properties of materials such as metals, polymers, timbers, textiles, and papers and boards. **Specialist Technical Principles** focus on deeper technical knowledge. This includes selecting appropriate materials and components, understanding forces and stresses (tension, compression, bending, etc.), ecological and social issues like carbon footprint and ethical design, and the sources and origins of materials, including renewable and non-renewable resources. **Designing and Making Principles** link theory to practical work. Topics include design strategies (user-centred, inclusive, iterative design), research and development of ideas, CAD/CAM, manufacturing processes (such as injection moulding and 3D printing), scales of production, quality control, and health and safety.				
Revision Resources	• *Please use your revision guide as a helpful aid to the revision and your exercise book as a good starting point for information. Other useful places can include the following:* • *GCSE Design and Technology - AQA - BBC Bitesize* • *Free GCSE Design and Technology AQA Revision Content — Study Rocket*				

Lead Teacher	*Catherine McBride*	**Email**	*Catherine.mcbride@manchester-academy.org*
Specification	*https://cdn.sanity.io/files/p28bar15/green/db64d96d05315e9adcaff43690b58b17be11b5e3.pdf ?_gl=1*x7linb*_gcl_au*NzUwNjY0MTY1LjE3NTY4OTQzMjI*		

FOOD AND COOKERY

Paper	NCFE	Length	1hr 30mins	Marks	80

Topics	• **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 4:** Factors affecting food choice • **Unit 5:** Food preparation, cooking skills and techniques • **Unit 6:** Recipe amendment, development and evaluation • **Unit 7:** Menu and action planning for completed dishes
Revision Resources	Hard copies of flash cards given to all students but also posted on Teams Revision booklets also given to students and posted on teams **Health and Safety relating to food, nutrition and the cooking environment.** https://www.bbc.co.uk/bitesize/guides/zndnsrd/revision/ **Food Safety.** https://www.bbc.co.uk/bitesize/guides/zndnsrd/revision/3 **Food legislation and food provenance.** https://www.food.gov.uk/business-guidance/packaging-and-labelling#:%7E:text=In%20accordance%20with%20the%20FIC,of%20provenance%20of%20the%20food https://media.hachettelearning.com/medialibraries/hodder/samples/food-preparation-andnutrition/14-16/ncfe-level-1-2-technical-award-in-food-and-cookery/mrn-food-and-cookerysample-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 **Food groups, key nutrients and a balanced diet.** https://www.bbc.co.uk/bitesize/guides/z8rqw6f/revision/1 **Factors affecting food choice.** https://www.bbc.co.uk/bitesize/guides/z7fw7p3/revision/1 https://www.bbc.co.uk/bitesize/articles/zn6j96f **Food preparation, cooking skills and techniques.** https://www.bbc.co.uk/bitesize/subjects/zdn9jhv https://www.bbc.co.uk/bitesize/guides/zdr8y9q/revision/1 **Food, Nutrition and Health.** https://www.bbc.co.uk/bitesize/subjects/zdn9jhv

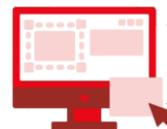| Lead Teacher	Mrs C Stack	Email	Claire.stack@manchester-academy.org
Specification	https://www.ncfe.org.uk/qualification-search/qualification-detail/ncfe-level-12-technical-award-in-food-and-cookery-973		

COMPUTING

Paper	1 & 2	Length	2hrs 30mins	Marks:	140

Topics	**Paper 1: Computer Systems: 1 Hour 30 minutes** 1.1 Systems architecture 1.2 Memory and Storage 1.3 Networks and Topologies 1.4 Network security 1.5 Systems Software 1.6 Ethical, Legal, Cultural and environmental impacts of Digital Technology **Paper 2: Computational thinking, algorithms and programming: 1 hour 30 min** 2.1 Algorithms 2.2 Programming Fundamentals 2.3 Robust Programming 2.4 Boolean Operators 2.5 Programming Languages & IDE's
Revision Resources	**Websites:** Mr Brown CS: Paper 1: https://youtube.com/playlist?list=PL04uZ7242_M5KDdD9XnuWb2MNYsM57HpU&si=bKvmPVBjX9MTK1YZ Mr Brown CS: Paper 2: https://youtube.com/playlist?list=PL04uZ7242_M7ZaSg6cCku-8W-IoLlQs6R&si=3_7NpGFN9s_yYQFW ONLY 2.1 & 2.2 BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/zmtchbk OCR Website: https://bit.ly/2nnTVTY - for Examiners Reports **Paper 1 Content in 1 hour 30 minutes:** OCR J277 GCSE: Complete Paper One (Computer Science Full Paper 1) **Paper 2 Content in 1 hour 15 minutes**: https://youtu.be/vEusVsrp7sY?si=3lwOqMaaMhXIh-JS Paper 2 Content: https://youtube.com/playlist?list=PLDH7mTVOS6xnVNN9RulSAacHeaCxl1kZ3&si=4aP1lNww0iRhtlJX **Revision PPT's** Unit-1---Knowledge-Organiser-Pack-(Complete).pptx. Revision-Guide---Unit-2-(Teacher) 1.pptx **Exams:** Past Exam papers & Mark Schemes: https://revisionworld.com/gcse-revision/ict/past-papers/ocr-gcse-computer-science-past-papers **Exam Walk Throughs** Paper 1 2023 **Walk Through**: https://youtu.be/HCYbqC6OPUM?si=-jB4jZvNvEDOeTws Paper 1 2022 **Walk Through**: https://youtu.be/ywCFTvIK_5M?si=9UpeM8CONbeHAOuk Sample Paper 1 **WT: h**ttps://youtu.be/Rkc50S-tj4A?si=xxYjvR1ctrdJu5iy Unit-1---Knowledge-Organiser-Pack-(Complete).pptx. *Paper 2 2022 Walk Through:* https://youtu.be/HYyzWvqXZqI?si=xFOA21V3ABQ_SpcK

Lead Teacher	Ms Rashid	Email	Nazim.rashid@manchester-academy.org
Specification	ocr.org.uk/Images/558027-specification-gcse-computer-science-j277.pdf		

IMEDIA

Paper	NCFE Imedia	Length	5hrs	Marks	66
Topics	*External Exam:* ***CA1:** [Types of interactive media products and their features](#)* ***CA2:** [The audiences of interactive media products](#)* ***CA3:** [The software and hardware options](#)* ***CA4:** [Interactive media product planning and proposals](#)* ***CA5:** [Developing an interactive media product](#)* **CA6:** [Promotion and presentation of interactive media products](#) **CA7:** [Review of production processes and final product](#)				
Revision Resources	*Websites:* *Interactive Media Products: [Multimedia and interactivity - Multimedia applications - CCEA - GCSE Digital Technology (CCEA) Revision - BBC Bitesize](#)* *Websites: [Introduction - Websites - GCSE Media Studies Revision - BBC Bitesize](#)* *Wireframes: [Wireframes - Design - National 5 Computing Science Revision - BBC Bitesize](#)* *Audience Categorisation: [Target audience - Target audience - GCSE Media Studies Revision - BBC Bitesize](#)* *Planning: [Planning – planning the work - Planning and organisation - WBQ National: Foundation KS4 Revision - BBC Bitesize](#)* *Moodboards: [Recording ideas - Recording and observing - AQA - GCSE Art and Design Revision - AQA - BBC](#) [Bitesize](#)* *Editing Images: [How do we create and change digital images? - BBC Bitesize](#)* *Editing Video: [How to edit: Basic - BBC Bitesize](#)* *Creating and Animation: [How do we make digital animations? - BBC Bitesize](#)* *Creating a Website HTML: [Using HTML to create websites - Internet and communication - KS3 Computer Science Revision - BBC Bitesize](#)*				

Lead Teacher	Ms Rashid	Email	nazim.rashid@manchester-academy.org
Specification	[Interactive Media](#)		

BUSINESS

Paper	Paper 1 Paper 2	Length	1hr 45mins 1hr 45mins	Marks	90 marks 90 marks
Topics	1.1 Enterprise and Entrepreneurship • Types of business • Entrepreneurs and entrepreneurship • Business aims and objectives 1.2 Spotting a Business Opportunity • Customer needs • Market research/ market segmentation • The competitive market 1.3 Putting a Business Idea into Practice • Business plans • Business start-up costs • Sources of finance • Cash flow and cash flow forecasts 1.4 Making the Business Effective • The options for start-up and small businesses • Business location • The marketing mix • Business plans and methods of expansion 1.5 Understanding External Influences on Business • Technology / Ethical and environmental issues • The economy / legislation 2.1 Growing the Business • Business growth • Mergers and takeovers • Globalisation 2.2 Making Marketing Decisions • Product, Price, Promotion & Place 2.3 Making Operational Decisions • Production processes/ quality • The sales process • Productivity 2.4 Making Financial Decisions • Business revenue, costs and profit • Break-even/ Cash flow • Financial statements 2.5 Making Human Resource Decisions • Organizational structures • Recruitment and selection • Motivation/ training and development				
Revision Resources	• _https://www.bbc.co.uk/bitesize/examspecs/z98snbk_ • _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		

CHILD DEVELOPMENT

Paper	*Written*	**Length**	*1hr 15mins*	**Marks**	*70*

Topics	***Unit R057: Health and well-being for child development***
	Topic Area 1: Pre-conception health and reproduction
	Topic Area 2: Antenatal care and preparation for birth
	Topic Area 3: Postnatal checks, postnatal care and the conditions for development
	Topic Area 4: : Childhood illnesses and a child safe environment

Revision Resources	*Course website: Cambridge Nationals - Child Development Level 1/Level 2 - J809* *Past papers: Past papers materials finder - OCR*
	Free GCSE Child Development OCR Revision Content — Study Rocket Child Development GCSE Revision. Flashcards | Quizlet
	• *Complete the practice questions in your purple revision guide.* • *Always remember 'This is because' in your extended answer questions* • *Be 100% clear on the command words for each question* • *Check and tick off your understanding from the specification for each of the 4 topic areas* • *Use your revision checklist to RAG and identify areas of misconceptions, then:* • *Use your blank revision timetable to plot what topic areas you are focusing on*

Lead Teacher	*Ms Trivedi*	**Email**	*shaila.trivedi@manchester-academy.org*
Specification	Cambridge OCR Level 1/Level 2 Cambridge National in Child Development specification		

SPORT - BTEC

Paper	Component 3	Length	1hr 30mins	Marks	60
Topics					

Topics	*Types of sports requiring specific components of fitness:*

Topics

Types of sports requiring specific components of fitness:
- *Aerobic endurance – events/sports lasting more 30 minutes*
- *Muscular endurance – events/sports lasting more 30 minutes*
- *Muscular strength – activities requiring force, e.g. throwing events*
- *Speed – activities requiring fast movement, e.g. sprinting*
- *Flexibility – activities requiring a wide range of movement around a joint, e.g. gymnastics, martial arts*
- *Body composition – low body fat, e.g. gymnastics, high muscle mass, e.g. sprinters*
- *Power – activities requiring explosive movement e.g. gymnastics, basketball*
- *Agility – activities requiring quick changes of direction, e.g. dodging the opposition in a team game, freestyle skiing*
- *Reaction time – any activity where a quick decision or response to a stimulus is needed*
  Balance – an activity requiring the control of the distribution of weight or to remain upright and steady
- *Coordination – any activity requiring the movement of two or more body parts and can include the use of sporting equipment, e.g. hand, eyes and tennis racquet to connect with the tennis ball.*

Fitness test methods for components of physical fitness:
- *Aerobic endurance – Multi-stage fitness test, 12-minute Cooper run*
- *Muscular endurance – One-minute press-up, one-minute sit-up, timed plank test*
- *Flexibility – Sit and reach test*
- *Speed – 30 metre sprint test*
- *Muscular strength – Grip dynamometer, 1 Rep Max*
- *Body composition – Body Mass Index (BMI), Waist to hip ratio*

Fitness test methods for components of skill-related fitness:
- *Agility – Illinois agility run test*
- *Balance – Stork stand test*
- *Coordination – Alternate-hand wall-toss test*
- *Power – Vertical jump test, Standing long/broad jump*
- *Reaction time – Rule drop test*

Revision Resources	• *Revision Booklets provided in lesson (also in Class Materials folder on Teams channel)* • *Everlearner*

Lead Teacher	*Miss Wellfair*	**Email**	*Ellie.Wellfair@manchester-academy.org*
Specification	*https://qualifications.pearson.com/content/dam/pdf/btec-tec-awards/sport/2022/specification-and-sample-assessments/btec-tech-award-sport-spec.pdf*		

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			