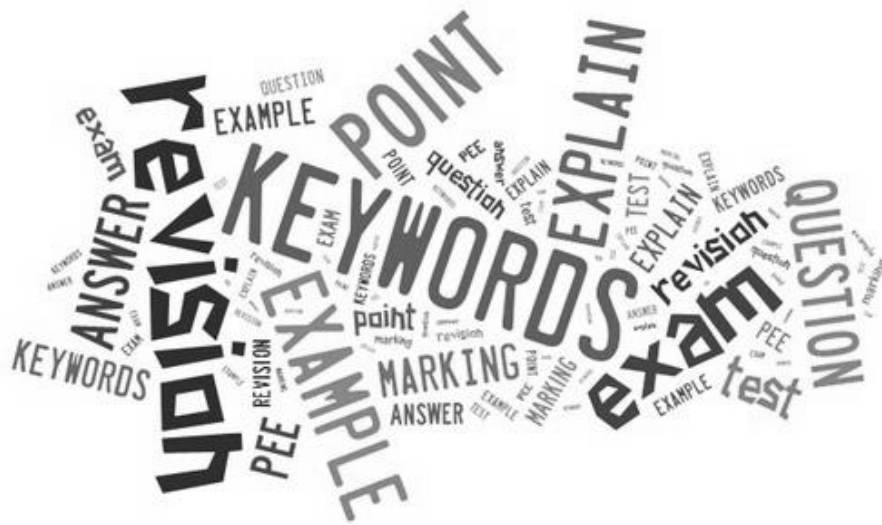


Year 11 Mocks

Revision Checklists



Don't let this be you...



Name: _____

TG: _____

Mock Exam Timetable:

Monday 4th – Friday 8th December

	Mon 4th	Tues 5th	Weds 6th	Thurs 7th	Fri 8th
AM	English Language	Maths (non-calculator)	MFL or Media Studies	English Literature	Maths (calculator)
PM	Science	Theology and Ethics	Option blocks A and D <hr/>	Option blocks B and E <hr/>	Option blocks C and F <hr/>

Option Blocks Subjects – please check with your teacher which "option block" you are in for their subject. Write the name of this subject in the space above.

Rules and procedures for your exams:

- Arrive on time for your exams and line up with your tutor group in the yard between the sixth form centre and theatre:
 - AM Exams – line up by 08:50
 - PM Exams – line up by 13:00
- **DO** write in BLACK ink and make sure you bring spare pens with you to the exam room.
- **DO** check this document carefully to see what equipment you will need for the exam.
- **DO NOT** bring your bag to the exam room – use your locker.
- **DO NOT** take any electronic device into the exam room, even if it is switched off.

Top Tips:

1. Highlight the title of the exams you will be taking in December.
2. Consider how you will spread this revision out over the weeks leading up to the mocks.
3. Make a plan to help you achieve this.
4. Rate each of the "topics" in your subjects:
 - a. Red = Feeling very concerned about this topic ☹️
 - b. Amber = Feeling 'OK' about this topic 😐
 - c. Green = Feeling confident about this topic 😊
5. Tick off the topics as you go along, making sure you have tested your understanding.

6. Remember – if you have nothing to “SHOW” at the end of your revision (such as a completed question, flash card, etc) then you may not have been very effective!

Subject	Art		
Exam Duration	5 Hours	Equipment	A well prepared art kit that has been discussed with the art teacher.
Exam preparation Checklist			
Content			Completed?
Print off any images you need to work from the day before the exam.			
The night before the exam pack your art kit, checking that it is all present and put it into your school bag.			
Make sure you bring your sketchbook to the art exam			
Make sure you have gone through your idea for the exam piece with your teacher			
It is essential that you can complete your work independently.			
You can bring to the exam a bottle of water and something quiet to eat			
In the lesson before the exam tell the teacher if you:			
<ul style="list-style-type: none"> • need them to prepare for you additional equipment e.g. a sewing machine 			
<ul style="list-style-type: none"> • need to sit near a plug point 			
<ul style="list-style-type: none"> • need to sit near the classroom door for quick access to the print room 			
<ul style="list-style-type: none"> • need any other specific needs for you to work comfortably. 			

Subject	Business Studies		
Exam Duration	1hr 30 mins	Equipment	Calculator, pen, ruler
Revision Resources	Edexcel Revision Guide (£2.50 from Department)		
Exam Revision Checklist			
Content			Revised?
Unit 1 : Introduction to small businesses – Multiple choice – 45 mins			
<i>This paper will be set during lesson time the week before your exam week</i>			
1. Spotting a Business Opportunity			
2. Showing Enterprise			

3. Putting a Business Idea into Practice	
4. Making the Start-up Effective	
5. Understanding the Economic Context	
Unit 3: Building a Business – full paper – 1hr and 30 mins	
6. Marketing – Market Research; PLC; branding; differentiation; product trial.	
7. Meeting customer needs – stock management; quality; customer service	
8. Effective Financial management – sources of finance; cash flow; break-even; improving cash flow; profit; variable and fixed costs.	
9. Effective People Management – hierarchies; motivation; remuneration	
10. The wider world – commodities; export subsidies; ethics – pressure groups	

Subject	Computer Science		
Exam Duration	1 Hour 30 Minutes	Equipment	<ul style="list-style-type: none"> • Black Pen • Calculators are NOT allowed
Revision Resources	<ul style="list-style-type: none"> • Cambridge GCSE Computing MOOC - https://www.cambridgegcsecomputing.org • GCSE Bitesize, Computer Science - http://www.bbc.co.uk/education/subjects/z34k7ty • Teach ICT - http://www.teach-ict.com/2016/GCSE_Computing/AQA_8520/aqa_8520_home.html • Past Exam Papers - http://www.fastpastpapers.com/page764.html • ZigZag Revision Guide - T:\Computer Science\2016 GCSE Computer Science J276\ZigZag Revision • PG Resources -> T:\Computer Science\2016 GCSE Computer Science J276_PG Resources (AQA) • My Revision Notes Computing for GCSE Paperback – Copies are available to use in classrooms during lessons, at break times and after school. 		

Exam Revision Checklist	
Content	Revised?
The Central Processing Unit (CPU) – Purpose and characteristics	
Memory - describe the difference between RAM and ROM	
Input, output, storage devices - describe suitable storage devices for a range of situations (Magnetic, optical, solid state etc...)	
Units of data – Bits, Bytes, Kilobytes, Megabytes, Gigabytes, terabytes.	
Representation of data in computer systems: <ul style="list-style-type: none"> • Convert 8-bit binary numbers denary whole numbers (0-255) and vice versa • Convert 8-bit binary numbers into 2-digit hexadecimal numbers and vice versa • Explain the use of hexadecimal numbers to represent binary numbers. 	
Characters: <ul style="list-style-type: none"> • explain the use of binary codes to represent characters • explain the term character set • describe with examples ASCII and Unicode 	
Images: <ul style="list-style-type: none"> • explain the representation of an image as a series of pixels represented in binary • explain the need for metadata to be included in the file such as height, width and colour depth 	

<ul style="list-style-type: none"> Discuss the effect of colour depth and resolution on the size of an image file. 	
Describe the digital representation of sound in terms of: <ul style="list-style-type: none"> sampling rate sample resolution. Calculate sound file sizes based on the sampling rate and the sample resolution. 	
Programming languages: <ul style="list-style-type: none"> Explain the main differences between low-level and high-level languages. Know the difference between machine code and assembly language. 	
Boolean logic: - Construct truth tables for the following logic gates: <ul style="list-style-type: none"> NOT AND OR 	
Algorithms: <ul style="list-style-type: none"> Understand algorithms (written in pseudocode), explain what they do, and correct or complete them using trace tables. Produce algorithms in pseudocode or flow diagrams to solve problems. describe the data types integer, real, Boolean, character and string define the terms variable and constant Understand and use sequence, selection (IF statements) and iteration (FOR, WHILE and REPEAT loops) in an algorithm. Understand the concept of subroutines and how parameters can be used to pass data within programs. 	

Subject	Dance		
Exam Duration	1 and ½ hours	Equipment	Pen, pencil, highlighter, ruler
Revision Resources	Booklets for all professional works, the creative process and performance practice Sheet outlining the sections of the paper for Component 2, and what they cover		

Exam Revision Checklist

Content	Revised?
A Linha Curva The dance idea/source material, movement content (ASDR), structure and choreographic devices, sound accompaniment, physical environment, physical setting, including lighting, costume and use of camera.	
Emancipation of Expressionism The dance idea/source material, movement content (ASDR), structure and choreographic devices, sound accompaniment, physical environment, physical setting, including lighting, costume.	
Within Her Eyes The dance idea/source material, movement content (ASDR), structure and choreographic devices, sound accompaniment, physical environment, physical setting, including lighting, costume and use of camera.	
Shadows The dance idea/source material, movement content (ASDR), structure and choreographic devices, sound accompaniment, physical environment, physical setting, including lighting, costume and use of camera.	
The Choreographic Process – interpreting a stimulus, improvisation, motifs and motif development (Actions Space Dynamics), relationships, (e.g. contact, complement, Q&A) structuring the dance – overall form (e.g. binary, ternary, unity, logical sequence, transitions) , choreographic devices (such as climax highlights contrast), choosing and using sound accompaniment.	
Technical Skills: Posture, Alignment, Strength, Flexibility, Stamina, Balance, Isolation, Co-ordination, Elevation, Isolation.	
Expressive Skills: Focus, Projection, Sense of style, Spatial awareness, Facial expression, Phrasing For the duet only - Sensitivity to other dancers, Musicality, Communication of intent.	
Mental Skills during the rehearsal: Movement memory, Commitment, Concentration, Confidence. During the Process, Systematic repetition, Mental rehearsal, Rehearsal discipline, The planning of a rehearsal, Response to feedback, Capacity to improve.	

Safe practice: safe execution, kit, warm up cool down, nutrition, hydration.	
---	--

Subject	Drama		
Exam Duration	1hr 45mins	Equipment	The 39 Steps script and black biro
Revision Resources	Booklets, script, exemplar answers		

Exam Revision Checklist	
Content	Revised?
Intro to Theatre booklet	
The 39 Steps booklet	
Metamorphosis booklet	
Read The 39 Steps	
Read exemplar answers	
Watched Metamorphosis scene videos	
Learnt acting skill sheet	
Completed practice papers	

Subject	English Language		
Exam Duration	1 hour 45 mins	Equipment	Black pens, highlighter pen.
Revision Resources	English Language Passport Paper One		

Exam Revision Checklist	
Content	Revised?
Revise the timings and requirements for the 5 questions.	
Practise at least one of the practice papers from the passport independently.	
Read something from a fiction text every day (it doesn't have to be long).	
Practise saying more than one thing about a quotation.	
Practise identifying language techniques in texts. Make sure that comment on the effect on the reader.	

Practise planning a short story / a descriptive piece (prompts in the passport). If you time, try writing it. Focus on quality rather than quantity.	
Revise the techniques that authors use to interest the reader.	

Subject	English Literature		
Exam Duration	1 hour 45 mins	Equipment	Blacks pens, highlighter pens.
Revision Resources	English Literature Passport. Study guides available from the department office.		

Exam Revision Checklist	
Content	Revised?
The 19th Century Novel:	
Historical and social context for the novel you have studied.	
Key characters. Know 3 – 5 quotations about each. Know the key points in the character’s development.	
Key themes. Know 3 – 5 quotations for each.	
Key events. Narrow the text down to the 10 most important events and know them thoroughly.	
Analysis of language. Make sure you can say what is significant about quotations and how they relate to the text / question.	
Shakespeare:	
Historical and social context for the play you have studied.	
Key characters. Know 3 – 5 quotations about each. Know the key points in the character’s development.	
Key themes. Know 3 – 5 quotations for each.	
Key events. Narrow the text down to the 10 most important events and know them thoroughly.	
Analysis of language, poetic structure and dramatic techniques. Make sure you can say what is significant about quotations and how they relate to the text / question.	

Subject	Food and Nutrition		
Exam Duration	One hour	Equipment	Black pen
Revision Resources	Theory notes in red books, OCR Food and Nutrition revision guide		
Exam Revision Checklist			
Content	Revised?		

Healthy eating guidelines	
Food hygiene and safety	
Portioning a chicken	
Food labelling and food symbols	
Ways of preserving food	
Food spoilage	
How to prevent food poisoning	
Environmental issues in food production	
Protein, vitamins and minerals	

Subject	Geography		
Exam Duration	1 hour	Equipment	Pen, pencil, ruler
Revision Resources	CGP Revision Guide, BBC Bitesize website, A3 fieldwork write-up sheets		

Exam Revision Checklist	
Content	Revised?
Coastal processes of erosion, transportation and deposition	
Landforms of coastal erosion (arch/cave/stack, wave-cut platform)	
Coastal management: reasons for coastal protection	
Coastal management: soft engineering	
River valley landforms (meander, estuary, flood plain, ox-bow lake)	
Processes of river transport	
Factors increasing risk of flooding (human and natural)	
Fieldwork: Human : Your fieldwork topic/background theory	
Fieldwork: Human : Primary data collection methods	
Fieldwork: Physical : Your data and what it told you about your overall aim	
Fieldwork: Choose either your Human or Physical fieldwork and revise the following:	

<ul style="list-style-type: none"> Your data collection methods and how they could be improved 	
<ul style="list-style-type: none"> A summary of your results and conclusions 	

Subject	Graphic Products		
Exam Duration	2 hours	Equipment	Pen, calculator, HB pencil, 2H pencil, colouring pencils, sharpener, rubber, ruler, compass, protractor, mini set square kit
Revision Resources	Exercise books from year 10, portfolio of technical drawing work from year 10, resources on school network - T:\Art & Design\Graphics\YEAR 11\REVISION for EXAM		

Exam Revision Checklist	
Content	Revised?
Product Analysis	
Packaging Nets (design of, including opening and closing mechanism)	
Sustainability and Legislative issues	
Knowledge of Materials (Paper and Card – how made, weights, size and types)	
Typography	
Colour	
The work and influence of Neville Brody and Saul Bass	
Tools, Equipment and Making (by hand)	
Commercial manufacturing Practices (pre-press, on press and finishing)	
ICT, CAD, CAM	
Technical Drawing	

Subject	Health & Social Care		
Exam Duration	1hr 15 mins	Equipment	Black pen
Revision Resources	Class notes		

Exam Revision Checklist	
Content	Revised?
Fine motor skills, gross motor skills	

Environmental, psychological influences on development, life events, cultural influences	
Life events and affects on growth & development Including having a baby	
Self concept & affects on self concept e.g. ageing	
Stress and affects on growth & development	
Income and affects on well-being	
Support from others (formal & informal)and affects on growth & development	
Affects of culture on growth & development	

Subject	History		
Exam Duration	50 minutes	Equipment	2 Black biro/ballpoint pens and a highlighter
Revision Resources	BBC Bitesize website: http://www.bbc.co.uk/schools/gcsebitesize/history/shp/ Revision guide pages available electronically on the T Drive (full revision guide to follow) Own revision resources created for homework (in History Folder)		
Exam Revision Checklist			
Content			Revised?
Medieval beliefs about the cause of disease			
Medieval surgery			
Black Death 1348			
Renaissance: What it was and the impact it had on the development of medicine			
Key individuals in the Renaissance and early modern period			
Hospital treatment by the end of the Eighteenth Century			
Cholera Epidemics in the Nineteenth Century			
Public Health in the Nineteenth Century			
Lister and antiseptic surgery			
Pasteur and Germ Theory			
Factors causing change throughout the whole topic (Role of the Individual , War, Religion, Governments, Chance, Science and Technology)			

Subject	ICT		
Exam Duration	1 hour	Equipment	2 pens
Revision Resources	Seen paper: 2016 May paper T:\ICT_Cambridge Nationals\R001 Understanding Computer Systems\R001 Activity workbook/ R001 Activity pack		
Exam Revision Checklist			
Content			Revised?
Input/output/storage devices			
How to improve (optimise) photographs-factors effecting this			
Website software features/Website design /Booking forms on websites			
Spreadsheets			
Security: Benefits of encrypting files			
File types			
ICT laws			
Software applications			
E-mail features			
Cyber-bullying			

Subject	Languages (French/German/Spanish)		
Exam Duration	45 min + 60 min + 75 min Higher 35 min + 45 min + 60 min Foundation	Equipment	Black pen, spare black pen
Revision Resources	CGP 9-1 revision guide, CGP 9-1 exam practice workbook, Vocabulary booklet/Reference book, Memrise.com, Linguascope.com, Quizlet.com		
Exam Revision Checklist			
Content			Revised?
Me, my family and friends			
Technology in everyday life			
Free time activities			
Customs and festivals			

Home, town, neighbourhood and region	
Social and global issues	
Travel and tourism	
My studies	
Life at school	
Education post-16	
Jobs, career choices and ambitions	

Note: Students will not yet have studied all these topics in year 10 and 11 but they will have some knowledge of some topics from prior study and can use revision guides to look ahead. The mock exam will be a specimen paper so may feature questions touching on all topics.

Subject	Maths (Foundation)		
Exam Duration	1hr 30min	Equipment	Black pen, pencil, eraser, ruler, protractor, compasses, spare pen.
Revision Resources	Maths clubs exist every afternoon (except Tuesdays), after school.		

Exam Revision Checklist	
Content	Content
Write numbers in order/in words	Sequences
Types of number	Straight line graphs
Money Calculations, time calculations	Using the graph of a quadratic function
Fractions, Decimals, Percentages, Ratio	Frequency graphs
Proportion including map scales	The mean from a table
Estimating answers	Venn diagrams
Standard form	Probability including trees
Using a calculator	Listing combinations
Error intervals	Two way tables
Simplifying algebra including brackets	Types of angles and related vocabulary including parallel lines
Forming expressions and equations	Using compasses

Linear equations	2D shapes vocabulary
Substitution	Perimeter, area and volume
Function machines	Plans and elevations
Travel Graphs	Transformations

Subject	Maths (Higher)		
Exam Duration	1hr 30min	Equipment	Black pen, pencil, eraser, ruler, protractor, compasses, spare pen.
Revision Resources	Maths clubs exist every afternoon (except Tuesdays), after school.		

Exam Revision Checklist

Content	Content
Ratio	Algebraic and geometric proof
Parallel angles rules	Vectors
Forming expressions and equations	Construction and loci
Volume of prisms	Quadratic graphs
Metric units of measurement	Plans and elevations
Proportion	Standard form
Probability trees	Equations of straight lines
Quadratic sequences	Compound interest/depreciation
Calculations with fractions (incl. algebraic)	Scatter graphs
Percentages	Simultaneous linear equations
Cumulative frequency and box plots	Enlargement (incl negative scale factor)
Averages	Direct and inverse proportion
Recurring decimals as fractions	Completing the square
Substitution into formulae	Circle theorems
Index laws	Function notation
Change of subject of a formula	Iteration

Factorising	Area of a triangle ($\frac{1}{2}ab\sin C$)
Surd rules and rationalising denominators	

Subject	Media Studies		
Exam Duration	1hr 15 mins	Equipment	Student's own Coursework
Revision Resources	Students have developed their production.		
Exam Revision Checklist			
Content			Revised?
There is a sheet of instructions that the students will have been familiarised with before.			

Subject	Music		
Exam Duration	1hr 45m	Equipment	Pen, pencil, eraser, pencil sharpener
Revision Resources	Student folder, Rhinegold Revision Guide, Revision Booklets		
Exam Revision Checklist			
Content			Revised?
Area of Study 1: Instrumental music 1700 - 1820			
Bach: Brandenburg Concerto No.5 in D major (3 rd movement)			
Beethoven: Piano Sonata No.8 in C minor Op.13, 'Pathétique' (1 st movement)			
Wider Listening: Handel: Concerto Grosso Op.6 No.5 (2 nd movement) Vivaldi: 'Winter' from 'The Four Seasons'			
Area of Study 2: Vocal music			
Purcell: 'Music for a While'			
Freddie Mercury: 'Killer Queen' (from the Queen album 'Sheer Heart Attack')			
Wider Listening: Handel: 'The trumpet shall sound', 'Every valley', 'Rejoice greatly' (from 'Messiah') Bach: Wedding Cantata BWV202, 'Weichet nur, betrübte Schatten', 'Sehet in Zufriedenheit'.			

Area of Study 3: Music for stage and screen	
S Schwartz: Defying Gravity (from cast recording of Wicked)	
J Williams: Main title/rebel blockade runner (from the soundtrack to Star Wars Episode IV: A New Hope)	
Wider listening: Minchin: 'Naughty' (from Matilda the Musical) Shaiman: 'Mama, I'm a Big Girl Now' (from Hairspray)	
Area of Study 4: Fusions	
Afro Celt Sound System: Release (from the album 'Volume 2: Release')	
Esperanza Spalding: Samba Em Preludio (from the album 'Esperanza')	
Wider listening: Capercaille: 'Beautiful Wasteland' (from the album 'Beautiful Wasteland') Paul Simon: 'Homeless' (from the album 'Graceland')	

Subject	PE		
Exam Duration	1hr	Equipment	Writing equipment.
Revision Resources	Revision guide, Class notes, GCSE Bitesize, Revision sheets, Personal Exercise Programme.		

Exam Revision Checklist	
Content	Revised?
Skeletal system	
Muscular System	
Cardio Vascular System	
Respiratory System	
Lever Systems	
Components of Fitness	
Fitness Testing and goal setting.	
Principles and types of training.	
Analysing fitness data.	
Socio-cultural influence	
Sports Psychology	
Participation in sport.	

Risk assessment and preventing injury.	
Topics not yet covered and will not appear in the mock exam:	
Health fitness and Well-being.	
Diet and Nutrition.	

Subject	Resistant Materials		
Exam Duration	1.30 Hour	Equipment	Pencil, pen, ruler, calculator, pencil crayons, pencil sharpener, rubber
Revision Resources	RM portal https://portal.thomas-hardye.net/lz/tech/rmpd/SitePages/Home.aspx		

Exam Revision Checklist

Content	Revised?
Understand how to write a design specification	
Be able to evaluate a design against a specification	
Understand the main plastic moulding processes. Identify what products can be made using each process	
Revise plastic recycling symbols	
Understand the principles of JIT production	
Understand the 6 R's and life cycle assessment Revise the importance of sustainability	
What is COSHH and the 5 stages of risk assessment?	
Be able to describe the work of Bethan Gray and Phillippe Starck Understand their philosophy (thinking) behind their designs and be able to describe their main design influences	
Understand the main stages of the design process	
Understand how to evaluate a product to see how successful it is	
What is a knock down fitting? (Kdf's) When are they used?	
Revise popular alloys. What are their advantages?	
Be able to define the following - smart material, ferrous metal, composite, nano technology	
What are the advantages of manufactured boards? Study the structure of plywood	
Be able to describe the process of laminating	

Subject	Science - Double Award (Trilogy)		
Exam Duration	1 ½ hours	Equipment	Pen, pencil, ruler, calculator, rubber
Revision Resources	Doddle, CGP Revision Guides (page numbers in brackets)		
Exam Revision Checklist			
Content			Revised?
Working Scientifically (p. 1-15)			
Biology - Cell Biology (p. 16-39)			
Biology - Organisation (p. 40-75)			
Biology - Infection & Response (p. 76-90)			
Chemistry – Atomic Structure and the Periodic Table (p. 16-45)			
Chemistry – Bonding, Structure and Properties of Matter (p. 46-66)			
Chemistry – Chemical Changes (p. 77-93)			
Physics – Energy (p. 17-36)			
Physics – Electricity (p. 37-55)			
Physics – Particle Model of Matter (p. 56-63)			

Subject	Science - Triple Award		
Exam Duration	1 ½ hours	Equipment	Pen, pencil, ruler, calculator, rubber
Revision Resources	Doddle, CGP Revision Guides (page numbers in brackets)		
Exam Revision Checklist			
Content			Revised?
Working Scientifically (p. 1-15)			

Biology - Cell Biology (p. 16-44)	
Biology - Organisation (p. 45-80)	
Biology - Infection & Response (p. 81-100)	
Chemistry – Atomic Structure and the Periodic Table (p. 16-46)	
Chemistry – Bonding, Structure and Properties of Matter (p. 47-69)	
Chemistry – Chemical Changes (p. 87-105)	
Physics – Energy (p. 17-39)	
Physics – Electricity (p. 40-62)	
Physics – Particle Model of Matter (p. 72-86)	

Subject	Systems and Control		
Exam Duration	1 Hour	Equipment	Calculator, pen, pencil, eraser
Revision Resources	<ul style="list-style-type: none"> • Class notes in your exercise books • http://www.technologystudent.com/ • http://www.mr-dt.com/materials/thermoplastics.htm • http://www.bbc.co.uk/schools/gcsebitesize/design/resistantmaterials/materialsmaterialsrev3.shtml 		

Exam Revision Checklist

Content	Revised?
Product analysis and specification points (e.g. aesthetic appeal, size, function, etc.)	
Scales of production (e.g. one-off, batch, mass, just-in-time)	
Sustainability issues - be familiar with issues affecting sustainability, including 6Rs	
Factors affecting the cost of production (recall at least 3 factors)	
The product life cycle (be able to draw a simple life cycle diagram)	
Designers (James Dyson and Shigeru Miyamoto) – make sure you are familiar with these designers, what they are known for, characteristics of their products, how they are <i>different</i> , etc.	
The design process (be familiar with PRIME – problem, research, ideas, make, evaluate)	
Manufacturing standards (know what these mean: BSI, ISO and CE)	
System block diagrams (be able to create a simple system block diagram with/without feedback)	
Materials – know the properties and uses of at least... <ul style="list-style-type: none"> - One softwood (e.g. pine) - One hardwood (e.g. oak, beech, etc.) - Two manufactured boards (e.g. MDF and plywood) - One thermoset plastic (e.g. epoxy resin) 	

<ul style="list-style-type: none"> - One thermoplastic (can be melted and deformed, e.g. acrylic, HIPS) - One ferrous metal (e.g. mild steel) - One non-ferrous metal (e.g. brass, copper, aluminium) - Two smart materials (e.g. polymorph, thermochromic, QTC, etc.) 	
Commercial manufacturing <ul style="list-style-type: none"> - Hand soldering - Through hole / surface mount - Wave soldering (label diagram of stages) - Reflow soldering (label diagram of stages) 	
Logic gates - know the symbols and truth tables for AND, OR, NOT	
Pulleys and gears – know how to calculate torque, rotational velocity and rotational velocity	
Levers – identify 1 st , 2 nd and 3 rd class levers	
Input and output components (examples of each and know what is input/output!)	
Flow charts - be familiar with the common symbols, including symbols for defining and calling procedures	

Subject	Textiles		
Exam Duration	2 hours	Equipment	Black pen, pencil, colouring pencils, calculator, ruler, sharpener, rubber.
Revision Resources	Year 10 folder, CGP or Lonsdale revision guide, revision Power Points on the T drive, Sharepoint, BBC bitesize, past papers on the WJEC website.		

Exam Revision Checklist	
Content	Revised?
Natural, synthetic and regenerated fibres	
Fabric construction methods, names of fabrics and product uses.	
Modern fabrics including smart materials, electronic textiles and microfibres	
Production systems	
Style features (sleeves, collars, pockets, necklines)	
Components including fastenings	
Decorative and construction techniques	
Designers (Matthew Williamson and Stella McCartney) and fashion terminology	
Environmental issues in Textiles including the 6 R's.	
The design process	
Fabric finishes	
ICT in Textiles including CAD/CAM	

Legislation in Textiles	
-------------------------	--

Subject	Theology and Ethics		
Exam Duration	1 hour	Equipment	Black pens
Revision Resources	Course booklets, various resources on the T Drive (T:\Humanities\Theology & Ethics\GCSE)		

Exam Revision Checklist			
--------------------------------	--	--	--

Content			Revised?
----------------	--	--	-----------------

<u>Relationships and Families:</u>			
You need to know and understand all below with reference to Christian and Buddhist teachings:			

1. The nature of families, including: the role of parents and children, extended families and the nuclear family.	
2. The purpose of families, including: procreation, stability and the protection of children, educating children in a faith.	
3. Contemporary family issues including; same-sex parents, polygamy.	
4. Gender equality: Gender prejudice and discrimination, including examples.	
5. Human sexuality including: heterosexual and homosexual relationships	
6. Sexual relationships before and outside of marriage.	
7. Contraception and family planning.	
8. The nature and purpose of marriage, including same-sex marriage and cohabitation.	
9. Divorce, including reasons for divorce, and remarrying.	
10. Ethical arguments related to divorce, including those based on the sanctity of marriage vows and compassion	

<u>Buddhism: Beliefs and Teachings</u>			
---	--	--	--

1. The circumstances of the Buddha's birth, and how his life of luxury growing up influenced his teachings	
2. The Buddha's encounter with the four sights and its significance	
3. How the Buddha lived as an ascetic and how this later influenced his teachings, and how he achieved enlightenment	
4. The Buddha's teachings on the Four Noble Truths	
5. The concept of dhamma and of dependent arising (paticcasamuppada)	
6. Buddhist teachings about the three marks of existence: suffering (dukkha), impermanence (anicca) and no fixed self (anatta)	
7. How the human personality is thought to be made up of five aggregates (skandhas) in Theravada Buddhism	
8. The concepts of sunyata, Buddha-nature and Buddhahood in Mahayana Buddhism	

9. The differences between Arhats and Bodhisattvas	
10. How Pure Land Buddhists believe they can attain Buddhahood and achieve enlightenment	