



Leventhorpe
A Business and Enterprise Academy

**YEAR 11 MOCK EXAMINATIONS
STUDENT REVISION GUIDE
November 2017**

Leventhorpe Year 11 Mock Examination Revision List

Subject	English Language	Exam board	EDUQAS	Number of Exams	1
Topics to revise					
<p>COMPONENT 2 -2 hours 19th and 21st Century Non-fiction Reading and Transactional/Persuasive Writing</p> <p>Section A (Reading) 40 marks</p> <ul style="list-style-type: none"> • about 10 minutes reading - about 50 minutes answering the questions <p>Skills assessed</p> <ul style="list-style-type: none"> • Reading, Retrieving information, Identifying thoughts and feelings • How writers express themes, mood and atmosphere, Comparing text <p>Revision tips – Look back over reading booklet: read, select and retrieve information and then timed writing for 10 marked answers. List connective for comparison. Timed reading activities</p> <p>Section B (Writing) 40 marks</p> <ul style="list-style-type: none"> • spend 30 minutes on each question, about 5 minutes planning, about 25 minutes writing <p>Skills Assessed</p> <ul style="list-style-type: none"> • Spelling, Punctuation, Grammar, Narrative writing <p>Revision tips – Look at exam questions identify F.A.R.T. Create a booklet showing how to set out each form of writing. Make 5 minute plans. Write under timed conditions, stop and check use mark schemes to assess. Highlight F.A.R.T.</p>					

Subject	English Literature	Exam board	EDUQAS	Number of Exams	1		
Topics to revise							
<p>SECTION B - Poetry</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> • The Manhunt by Simon Armitage • A Wife in London by Thomas Hardy • Sonnet 43 by Elizabeth Barrett Browning • Death of a Naturalist by Seamus Heaney • London by William Blake • Hawk Roosting by Ted Hughes • The Soldier by Rupert Brooke • To Autumn by John Keats • Valentine by Carol Ann Duffy </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> • She Walks in Beauty by Lord Byron • Afternoons by Philip Larkin • Living Space by Imtiaz Dhaker • Dulce et Decorum Est by Wilfred Owen • As Imperceptibly as Grief by Emily Dickinson • Ozymandias by Percy Bysshe Shelley • Cozy Apologia by Rita Dove • Mametz Wood by Owen Sheers • Excerpt from the Prelude by William Wordsworth </td> </tr> </table> <p>Answer both part (a) and part (b) You are advised to spend about 20 minutes on part (a) and about 40 minutes on part (b)</p> <p>Revision tips – Thinking maps, revision cards, draw each poem and label with quotes, make a quiz - links to context or match up activities, watch YouTube clips, bite size or go to the quizzlet link from your teacher.</p>						<ul style="list-style-type: none"> • The Manhunt by Simon Armitage • A Wife in London by Thomas Hardy • Sonnet 43 by Elizabeth Barrett Browning • Death of a Naturalist by Seamus Heaney • London by William Blake • Hawk Roosting by Ted Hughes • The Soldier by Rupert Brooke • To Autumn by John Keats • Valentine by Carol Ann Duffy 	<ul style="list-style-type: none"> • She Walks in Beauty by Lord Byron • Afternoons by Philip Larkin • Living Space by Imtiaz Dhaker • Dulce et Decorum Est by Wilfred Owen • As Imperceptibly as Grief by Emily Dickinson • Ozymandias by Percy Bysshe Shelley • Cozy Apologia by Rita Dove • Mametz Wood by Owen Sheers • Excerpt from the Prelude by William Wordsworth
<ul style="list-style-type: none"> • The Manhunt by Simon Armitage • A Wife in London by Thomas Hardy • Sonnet 43 by Elizabeth Barrett Browning • Death of a Naturalist by Seamus Heaney • London by William Blake • Hawk Roosting by Ted Hughes • The Soldier by Rupert Brooke • To Autumn by John Keats • Valentine by Carol Ann Duffy 	<ul style="list-style-type: none"> • She Walks in Beauty by Lord Byron • Afternoons by Philip Larkin • Living Space by Imtiaz Dhaker • Dulce et Decorum Est by Wilfred Owen • As Imperceptibly as Grief by Emily Dickinson • Ozymandias by Percy Bysshe Shelley • Cozy Apologia by Rita Dove • Mametz Wood by Owen Sheers • Excerpt from the Prelude by William Wordsworth 						

Leventhorpe Year 11 Mock Examination Revision List

Subject	AS Business	Exam board	AQA	Number of Exams	1
Topics to revise					
<p>3.1 What is business?</p> <p>3.1.1 Understanding the nature and purpose of business</p> <p>3.1.2 Understanding different business forms</p> <p>3.1.3 Understanding that businesses operate within an external Environment</p> <p>3.2 Managers, leadership and decision making</p> <p>3.2.1 Understanding management, leadership and decision making</p> <p>3.2.2 Understanding management decision making</p> <p>3.2.3 Understanding the role and importance of stakeholders</p> <p>3.3 Decision making to improve marketing performance</p> <p>3.3.1 Setting marketing objectives</p> <p>3.3.2 Understanding markets and customers</p> <p>3.3.3 Making marketing decisions: segmentation, targeting, positioning</p> <p>3.3.4 Making marketing decisions: using the marketing mix</p>					

Subject	Geography	Exam board	AQA	Number of Exams	2
Topics to revise					
<p>Physical Paper 1.5 hours</p> <p>Natural Hazards</p> <ul style="list-style-type: none"> • tectonics, • weather hazards, • climate change <p>The Living World</p> <ul style="list-style-type: none"> • introduction to ecosystems, • tropical rainforests, • hot deserts <p>Physical Landscapes in the UK</p> <ul style="list-style-type: none"> • UK landscapes, • rivers • coasts <p>Human Paper 1 hour</p> <p>Urban issues and Challenges</p> <ul style="list-style-type: none"> • the urban world including case study of a city in an LIC or NEE; urban change in the UK including case study of a major UK city; • Sustainable urban development. 					

Leventhorpe Year 11 Mock Examination Revision List

Subject	History	Exam board	AQA	Number of Exams	2
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Topics to revise

Paper 2B Elizabethan England (3 8 mark questions)

Topics to revise:

- The Elizabethan Religious Settlement 1559-63
- The challenges to Elizabeth's religious settlement from Catholics and Puritans in Elizabethan England from 1568 onwards.
- The ways that Elizabeth dealt with challenges from Catholics and Puritans.
- The threats to Elizabeth – plots (4) and rebellions (2)
- Elizabeth's treatment of Mary, Queen of Scots
- Elizabethan foreign policy – including relations with Spain and the discovery of the New World.

Paper 2A (1 essay question)

Factors leading to improvements in public health in the 20th century:

- War
- Government
- Individual determination / genius

Topic areas:

- The Liberal Welfare Reforms 1906 – 1914
- The founding of the NHS in the 1940's -> 1948
- Improvements in public health after 1950 – Governmental Acts, education, public health campaigns.

Paper 1B

This part of course will cover:

- The complex and diverse interests of the Great Powers and other countries.
- How and why conflict occurred between the 'Great Powers' in Europe and why this conflict led to war.
- The nature of the First World War: how it was fought and the outcomes of significant battles.
- The ending of the war and why it proved so difficult to bring about.
- The role of key individuals and groups in shaping change; how they were affected by, and influenced international relations.

Review your learning.

Do you feel your knowledge is:

- A. Just beginning to develop.
- B. OK – but with some gaps or weak spots.
- C. Pretty good – can remember most things;
- D. Mastered! Nailed it! Excellent recall!

If you think A, B or C apply, make a note below of what you can do to improve your recall of knowledge on this topic.

Leventhorpe Year 11 Mock Examination Revision List

Subject	History (Continued)	Exam board	AQA	Number of Exams	2
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Topics to revise

Part one: The causes of the First World War

- The Alliance System:
 - the Triple Alliance;
 - Franco-Russian Alliance;
 - relations between the 'Entente' powers;
 - the crisis in Morocco (1905 and 1911)
 - the crisis in the Balkans (1908–1909),
 - the effects of these crises on international relations.
- Anglo-German rivalry:
 - Britain and challenges to Splendid Isolation;
 - Kaiser Wilhelm's aims in foreign policy, including Weltpolitik;
 - colonial tensions;
 - European rearmament, including the Anglo-German naval race.
- Outbreak of war:
 - Slav nationalism and relations between Serbia and Austria-Hungary;
 - the assassination of Archduke Franz Ferdinand in Sarajevo and its consequences;
 - the July Crisis;
 - the Schlieffen Plan and Belgium;
 - reasons for the outbreak of hostilities and the escalation of the conflict.

Part two: The First World War: stalemate

- The Schlieffen Plan:
 - the reasons for the plan,
 - its failure, including the Battle of Marne and its contribution to the stalemate.
- The Western Front:
 - military tactics and technology, including trench warfare;
 - the war of attrition; key battles, including Verdun, the Somme and Passchendaele,
 - the reasons for each battle
 - the events and significance of these battles.

Leventhorpe Year 11 Mock Examination Revision List

Subject	History (Continued)	Exam board	AQA	Number of Exams	2
Topics to revise					
<ul style="list-style-type: none"> • The war on other fronts: <ul style="list-style-type: none"> ○ Gallipoli and its failure; ○ the events and significance of the war at sea, including Jutland, the U-Boat campaign and convoys. <p>Part three: Ending the war</p> <ul style="list-style-type: none"> • Changes in the Allied Forces: <ul style="list-style-type: none"> ○ the consequences of the Bolshevik Revolution, ○ the withdrawal of Russia on Germany strategy; ○ the reasons for and impact of the entry of the USA into the war. • Military developments in 1918 and their contribution to Germany's defeat: <ul style="list-style-type: none"> ○ the evolution of tactics and technology; ○ Ludendorff the German Spring Offensive; ○ the Allied advance during The Hundred Days. • Germany surrenders: <ul style="list-style-type: none"> ○ impact of the blockade; ○ abdication of the Kaiser; ○ armistice; ○ the contribution of Haig and Foch to Germany's defeat. 					

Subject	Music	Exam board	AQA	Number of Exams	3
Topics to revise					
<ul style="list-style-type: none"> • Listening exam • One performance • One composition <ul style="list-style-type: none"> • Haydn • The Beatles • Listening skills in all genres • Music theory • Italian terms 					

Leventhorpe Year 11 Mock Examination Revision List

Subject	Mathematics	Exam board	Edexcel	Number of Exams	3
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Topics to revise

Foundation Paper 1:

- Calculating with powers
- Rounding to decimal places
- Simplify algebra through add/subtract/multiply/divide
- Convert Fractions decimals percentages
- Percentages of amounts
- Probability of events
- Worded questions using the four operations
- Multiply, divide, add & subtract fractions
- Write numbers as a ratio of each other
- Patterns from pictures
- Drawing pie charts
- Interpret pie charts
- Areas of rectangles and triangles
- Substitution
- Unitary method to solve problems
- Estimating the area of a circle
- Solve algebraic equations
- Finding percentage increase/ decrease
- Interpret scatter graphs/line of best fit
- Product of prime factors
- Multiply decimals
- Pythagoras' Theorem
- Equations of parallel lines
- Vectors

Foundation Paper 2:

- Rounding to significant figures
- Interpret bar charts
- Ordering fractions
- Interpret pictograms
- Worded fractions questions
- Recognise types of numbers (factors, multiples, prime, square)
- Angles at points
- Using conversions graphs
- Using rules to convert units
- Using calculators
- Rotating shapes
- Factorise expressions into single brackets
- Standard form
- Loci
- Mutually exclusive events sum to 1
- Mixed ratio, percentage and fraction problems
- Elevations
- Speed distance time
- Similar shapes
- Compound area
- Error interval
- Factorise quadratics
- Finding the nth term of arithmetic sequences

Leventhorpe Year 11 Mock Examination Revision List

Subject	Mathematics (Continued)	Exam board	Edexcel	Number of Exams	3
Topics to revise					
Foundation paper 3:					
<ul style="list-style-type: none">• Forming expressions• Converting fractions to ratios• Averages• Writing combinations• Calculating with time• Changing the subject of a formula• Volumes of prisms• Surface area of prisms• Angles in triangles using algebra• Exchange currency worded questions• Using Venn diagrams• Solve simultaneous equations• Averages from frequency tables• Interior angles of polygons• Density mass volume• Similar triangles• Drawing graphs• Lower bounds, upper bounds• Reverse percentages					
Higher 1:					
<ul style="list-style-type: none">• Interpret scatter graphs/line of best fit• Product of prime factors• Multiply decimals• Pythagoras' Theorem• Equations of parallel lines• Vectors• Worded average questions• Standard form• Expand trinomials• Reading off quadratics graphs• Fractional indices• Inverse proportion• Interpret ratios and fractions• Volume of cones• Algebraic proofs• Probability of combined events• Equations of perpendicular/parallel lines• Vectors• Simultaneous quadratics equations• Congruent triangles					

Leventhorpe Year 11 Mock Examination Revision List

Subject	Mathematics (Continued)	Exam board	Edexcel	Number of Exams	3
Topics to revise					
Higher 2:					
<ul style="list-style-type: none">• Mutually exclusive events sum to 1• Mixed ratio, percentage and fraction problems• Elevations• Speed distance time• Similar shapes• Compound area• Error interval• Factorise quadratics• Finding the nth term of arithmetic sequences• Cumulative frequency• Combined transformations• Standard form• Solve algebraic fraction questions• Tree diagrams• Histograms• Recognise specials graphs• Circle theorems• Converting reciprocal decimals to fractions• Sectors of circles• Pythagoras• Geometric sequences• Equations of circles					
Higher 3:					
<ul style="list-style-type: none">• Using Venn diagrams• Solve simultaneous equations• Averages from frequency tables• Interior angles of polygons• Density mass volume• Similar triangles• Drawing graphs• Lower bounds, upper bounds• Reverse percentages• Trigonometry• Area of circles• Interpreting and drawing box plots• Compound interest• Converting 2 separate ratios into one• Regions• Simplify quadratic expressions involving fractions• Make v the subject• Iterations• Error bounds involving compound calculations• Solve quadratic inequalities					

Leventhorpe Year 11 Mock Examination Revision List

Subject	PE	Exam board	AQA	Number of Exams	2
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Topics to revise

Paper 1:

Applied anatomy and physiology

- Bones
- Joints
- skeleton

Movement Analysis

- Planes/axis
- Movement descriptors
- Levers

Cardio-respiratory

- The lungs
- Blood vessels
- Heart
- Anaerobic/aerobic exercise

Physical Training

- COF
- Training methods
- Testing
- Warm up/cool down
- Injury
- Seasonal aspects

Data

Paper 2:

Sport Psychology

- Skill
- Feedback
- Mental preparation
- Motivation

Socio-cultural influences

- Golden Triangle and technology
- Conduct in sport
- Drugs

Health, fitness and well-being

- Health
- Somatotypes
- Diet

Data

Leventhorpe Year 11 Mock Examination Revision List

Subject	Religion, Philosophy & Ethics	Exam board	AQA	Number of Exams	2
Topics to revise					
Paper 1:					
<ul style="list-style-type: none">• Christian Beliefs• Christian Practices• Islamic Beliefs• Islamic Practices					
Paper 2:					
<ul style="list-style-type: none">• Religion and Family• Religion and Life					
Use the tick sheet revision card that was provided in class to support individualised topic revision					

Subject	Science	Exam board	AQA	Number of Exams	3
Topics to revise					
Biology					
<ul style="list-style-type: none">• Cell biology• Organisation• Infection and response• Bioenergetics					
Chemistry					
<ul style="list-style-type: none">• Atomic structure and the periodic table• Bonding• Quantitative chemistry• Chemical changes• Energy changes					
Physics					
<ul style="list-style-type: none">• Energy• Electricity• Particle model of matter• Atomic structure and radioactivity					

Leventhorpe Year 11 Mock Examination Revision List

Subject	Sociology	Exam board	WJEC	Number of Exams	1
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Topics to revise

The exam is a one paper full unit one exam, 1hr 30mins

Compulsory Core:

Key Concepts (e.g. cultural relativity) all of which are on a revision sheet students have had since September.

Research Methods:

Students need to be aware of different **sampling techniques** (random; stratified; quota and snowball); strengths and limitations of different **research methods** (questionnaire; structured interviews; unstructured interviews and observations). Also they need to know about ethnical issues relating to research. All of which is on a revision sheet they have been given.

These two topics will be assessed in a series of short answer questions often built around a scenario. This will form **60%** of the mock grade.

Essays:

There will be four sets of essays questions on the paper from which students have to pick **one** section and complete all the 3 essays in that sections. Students have been prepared to answer questions on two of these essay topics (**families and education**) and should, therefore, **ignore the Mass Media and Sport & Leisure sections completely.**

Most students will only revise one essay topic (either families or education)

Families	Education
Why do we have families?	Formal vs. Informal education
Cultural variations and families	Why do we have schools
Nuclear families are good for society	Types of schools in modern UK
Nuclear families are bad for society	How schools have changed since the 1970s
Types of family	Why do girls do better than boys
Types of household	Ethnic differences in educational attainment
Reasons for rising divorce rates	Labelling theory
Social construction of childhood	Subcultures
Childhood changes since the 1970s	Poverty & parental interest
Conjugal Roles	Cultural deprivation
Adulthood changes since the 1970s	Social class differences in educational attainment

There will be 2x10 mark essays and 1x20 mark essay and this will form 40% of the mock grade.

Leventhorpe Year 11 Mock Examination Revision List

Subject	Spanish	Exam board	Edexcel	Number of Exams	4
Topics to revise					
Speaking exam date: 30th Nov Listening / Reading / Writing exam dates: as per mock timetable					
Everything from the start of the course (year 10 & year 11 material covered so far)					
Theme: Identity and culture					
<ul style="list-style-type: none">● <i>Who am I?:</i> relationships; when I was younger; what my friends and family are like; what makes a good friend; interests; socialising with friends and family; role models● <i>Daily life:</i> customs and everyday life; food and drink; shopping; social media and technology (use of, advantages and disadvantages)● <i>Cultural life:</i> celebrations and festivals; reading; music; sport; film and television					
Theme: Local area, holiday and travel					
<ul style="list-style-type: none">● <i>Holidays:</i> preferences; experiences; and destinations● <i>Travel and tourist transactions:</i> travel and accommodation; asking for help and dealing with problems; directions; eating out; shopping● <i>Town, region and country:</i> weather; places to see; things to do					
Theme: School					
<ul style="list-style-type: none">● <i>What school is like:</i> school types; school day; subjects; rules and pressures; celebrating success● <i>School activities:</i> school trips; events; exchanges					
Theme: Future aspirations, study and work					
<ul style="list-style-type: none">● <i>Using languages beyond the classroom:</i> forming relationships; travel; employment● <i>Ambitions:</i> further study; volunteering; training● <i>Work:</i> jobs; careers; professions					
Theme: International and global dimension					
<ul style="list-style-type: none">● <i>Bringing the world together:</i> sports events; music events; campaigns and good causes● <i>Environmental issues:</i> being 'green'; access to natural resources					
<ul style="list-style-type: none">● The speaking exam will only include material from modules 1 to 5● The writing paper will only include material from modules 1 to 5● The listening and reading papers will include mainly material covered in lessons but may also include material not covered in lessons as students will complete past papers in these two skills					

Leventhorpe Year 11 Mock Examination Revision List

Subject	French	Exam board	Edexcel	Number of Exams	4
Topics to revise					
Speaking exam date: 27th Nov Listening / Reading / Writing exam dates: as per mock timetable					
Everything from the start of the course (year 10 & year 11 material covered so far)					
Theme: Identity and culture					
<ul style="list-style-type: none">• <i>Who am I?:</i> relationships; when I was younger; what my friends and family are like; what makes a good friend; interests; socialising with friends and family; role models• <i>Daily life:</i> customs and everyday life; food and drink; shopping; social media and technology (use of, advantages and disadvantages)• <i>Cultural life:</i> celebrations and festivals; reading; music; sport; film and television					
Theme: Local area, holiday and travel					
<ul style="list-style-type: none">• <i>Holidays:</i> preferences; experiences; destinations• <i>Travel and tourist transactions:</i> travel and accommodation; asking for help and dealing with problems; directions; eating out; shopping• <i>Town, region and country:</i> weather; places to see; things to do					
Theme: School					
<ul style="list-style-type: none">• <i>What school is like:</i> school types; school day; subjects; rules and pressures; celebrating success• <i>School activities:</i> school trips; events and exchanges					
Theme: Future aspirations, study and work					
<ul style="list-style-type: none">• <i>Using languages beyond the classroom:</i> forming relationships; travel; employment• <i>Ambitions:</i> further study; volunteering; training• <i>Work:</i> jobs; careers and professions					
Theme: International and global dimension					
<ul style="list-style-type: none">• <i>Bringing the world together:</i> sports events; music events; campaigns and good causes• <i>Environmental issues:</i> being 'green'; access to natural resources					
Memorise modules 1,2,3,4,5 plus any extra courses labelled 'LMLGCSE'					
<ul style="list-style-type: none">• The speaking exam will only include material from modules 1 to 5• The writing paper will only include material from modules 1 to 5• The listening and reading papers will include mainly material covered in lessons but may also include material not covered in lessons as students will complete past papers in these two skills					

Leventhorpe Year 11 Mock Examination Revision List

Subject	Food Preparation & Nutrition	Exam board	AQA	Number of Exams	1
Topics to revise					
<ul style="list-style-type: none">• General practical skills• Knife skills• Preparing fruit and vegetables• Use of the cooker• Use of equipment• Cooking methods• Prepare, combine and shape• Sauce making• Tenderise and marinate• Dough• Raising agents• Setting mixtures• Macronutrients• Fats• Carbohydrates• Vitamins• Minerals• Water• Making informed choices for a varied and balanced diet• Energy needs• Diet, nutrition and health• Cooking of food and heat transfer• Functional and chemical properties of food• Food spoilage and contamination• Principles of food safety• Factors affecting food choice• British and international cuisines• Environmental impact and sustainability of food• Food processing and production					

Leventhorpe Year 11 Mock Examination Revision List

Subject	Graphic Products	Exam board	Edexcel	Number of Exams	1
Topics to revise					
<ul style="list-style-type: none">• Polymers• Glass• Woods• Composites• Modern and smart materials• Components• Scale of production• Modelling and prototyping• Forming techniques• Joining techniques• Finishing techniques• Printing processes• Health and safety• Specification criteria• Materials and components• Manufacturing processes• Designing skills• Information and communication technology (ICT)• Digital media and new technology• Computer-aided design/computer-aided manufacturing (CAD/CAM)• Minimising waste production• Renewable sources of energy• Climate change• Moral, social and cultural issues					

Leventhorpe Year 11 Mock Examination Revision List

Subject	Resistant Materials	Exam board	Edexcel	Number of Exams	1
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Topics to revise

Materials

1. Properties and sources of materials p32-33
2. Metals and Alloys p52-54
3. Metals: Heat treatment p50-51
4. Plastics p68-70
5. Woods p34-37
6. Smart Materials & Composites p78-79

Joints & Finishes

1. Joints: Temporary, Permanent, Knockdown p44-45
2. Nuts, bolts, rivets p57
3. Adhesives p46
4. Surface finishes: wood p47
5. Surface finishes: metal p65
6. Self- finishing: plastic p76
7. Abrasive papers p46, 64

Manufacturing & Environment

1. Environmental issues p18-19
2. Cultural issues p20
3. Anthropometrics p21
4. Quality and Quality Control p23
5. Jigs p24

Industrial

1. Levels of production p22
2. Measuring and checking p26-27
3. CAD, CAM, CNC, Rapid Prototyping p10-11
4. Modelling p9
5. Health and Safety p14-16

Making

1. Preparation and marking out p38, 55, 71
2. Tools and machines for wood p39-42
3. Machines for metal and plastic p58-61
4. Metal casting p62-63
5. Plastic moulding p72-74
6. Wood joints p43
7. Joining metals p56
8. Lathe and milling machine p82-83

Page references are for
Letts & Lonsdale REVISION Guide "ESSENTIALS"
Resistant Materials (Black cover)

Websites that are useful for revision:

<http://www.bbc.co.uk/schools/gcsebitesize/design/resistantmaterials/>
<http://www.technologystudent.com/joints/joindex.htm>
<http://www.design-technology.info/resistantmaterials/>

Leventhorpe Year 11 Mock Examination Revision List

Subject	Textiles	Exam board	Edexcel	Number of Exams	1
Topics to revise					
Materials properties Aesthetic properties colour, texture, handle, drape, softness, lustre, weight/fineness and crease resistance. Functional properties: absorbency, easy-care, durability, elasticity, flammability, strength, thermoplastic, warmth, waterproof, breathability, windproof and stain resistance.					
Care – labelling knowledge of symbols, garment labelling and care of textile products.					
Natural fibres Wool – Silk – Cotton – Linen					
Natural polymers (regenerated fibres) Viscose – Acetate – Tencel					
Synthetic polymers Polyester – Acrylic - Polyamide (nylon) – Elastane					
Yarns spun-staple, filament, ply fibre blends and mixtures in yarns textured and bulked yarns					
Fabric manufacture <i>Woven</i> - warp, weft, selvedge, bias plain — calico, muslin, taffeta, voile twill — denim twill, herringbone, tweed, gabardine satin and sateen, jacquard pile (velvet, corduroy, terry towelling). <i>Non woven</i> Felted fabrics — wool, needle bonded webs/fibre fabrics- fusibles, ie interfacings — vilene/stitch and tear <i>Knitted</i> - weft knitted — hand stitches using needles ie plain and purl stitches weft knitted — machine knitted using flatbed or circular machines. Single/double jersey/rib warp knitted — machine knitted using straight or circular machines. For example polyester fleece fabrics, lock knit (terry), warp knit (velour), lace and net.					
Modern /smart materials Microfibres, aramid, polartec, nanomaterials, integrated electronics, microencapsulation, light reactive and chromatic					
Components Zips buttons, Velcro, press fasteners, poppers, ribbons, elastic, wadding					
Processes Darts, pleats, gathers, lining, interlining, interfacing, seams – plain, lap or double stitched, french, top stitching, overlocking hems – turned under, overlocked, slip stitch, bound, zig-zag fusing, bonding, moulding, pressing					

Leventhorpe Year 11 Mock Examination Revision List

Subject	Textiles (Continued)	Exam board	Edexcel	Number of Exams	1
Topics to revise					
Scales of production One-off, batch, mass – advantages/disadvantages + stages of manufacture					
Modelling and prototyping Toiles, 2D and 3D use of CAD					
Layplanning pattern making and cutting out Cad and Cam, grain, nap, pile, matching checks, stripes and patterns, motifs, cost implications					
Finishes Physical, chemical and biological					
Printing/dyeing Screen, block, transfer and digital + resist dyeing					
Decorative techniques Appliqué, patchwork, quilting, embroidery					
Health and safety For product and during manufacture – industry and classroom					
Product analysis Form, function, performance, sustainability, user, materials and components, scale of production and cost					
Design Skills Annotation, detail, sketching ideas.					
Waste reduction 4 R's as applied in textiles industry					
Renewable energy sources/ climate change Wind, solar, biomass Kyoto protocol – global warming					
Social, moral and cultural issues Globalisation, obsolescence, off shore manufacturing, tolerance of other cultures.					