

Year 10

Reading Lists

Supporting your child in school

We hope the information within this booklet will help you to support your son/daughter in each of their chosen subjects. You will find details of key words, useful revision resources and suggested reading lists.

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3D Design

Key words:

Materials and manufacture Joining Components

Adhesives Finishes Sawing Chiselling Shearing Filing Casting Welding Brazing Drilling Moulds Templates Formers Varnishing Polishing Anodising Ferrous Metals Non-Ferrous Metals Alloys Hardwood

Describing work of others

Shape	
Tone	
Depth	
Colour	

Subject Composition Line Form

Command words

Explain Evaluate Discuss Describe

Set texts:

None

Revision guides: None

Recommended reading list:

These can be borrowed from your teacher: Design Museum: Contemporary Design Catherine McDermott Drawing For Designers Alan Pipes Arts & Crafts Companion Pamela Todd Designs of the Times Lakshmi Bhaskaran The Design Book Hardcover – Editors of Phaidon (Editor) 50 Designers You Should Know Paperback – Claudia Hellman Nina Kozel and Hajo Duchting Product Design (Portfolio) Paperback – Paul Rodgers and Alex Milton

Softwood Manufactured Boards Thermoplastics Thermosetting Hardness Toughness Vacuum Forming Laminating CAD CAM

Texture Techniques

Sketch Compare

Art and Design

Key words: Light: Artificial Dark Evening

Harsh

Kind of Art:

Abstract Distorted Cubist Emotional Fantasy Figurative Landscape

Colour/Tone:

Blend Bright Cold Warm Deep Dark Smooth Harsh Contrasting Intense Strong

Mood:

Alive Atmosphere Delicate Depressing Disturbing

Pattern/Texture:

Cross-hatching Fine Flat Glaze Hatching Matt Rough Shiny

Line:

Broken Confident Faint Tight Thick Hard Dotted Thin

- Highlight Light Natural Shadow
- Pattern Portrait Religious Renaissance Aboriginal Seascape Still life
- Feint Light Dramatic Dull Gradient Tonal shading Intense Translucent Primary Secondary Tertiary
- Exciting Expressive Fresh Humorous Imposing
- Smooth Soft Thick Thin Wash Glossy Delicate Hard
- Clean Wavy Erratic Fluent Rough Controlled Powerful Strong

- Soft Reflected Reduced Tapered
- Surreal Symbolic Architecture Interior Exterior
- Hue Complementary Harmonious Tint Shade Vivid Earthy Luminous Saturated
- Sad Happy Confused Angry Relaxed
- Matt Repeated Uniform Geometric Symmetrical Irregular
- Geometric Delicate Simple Horizontal Vertical Rounded Overlapping

Composition:

Background Blurred Complex Distant Eye-line

Shape/Form/Space:

Closed Open Distorted Flat Organic

Medium:

Pencil Pen Biro Acrylic Paint Watercolour

Set texts: None Revision guides: None

Recommended reading list:

Draw and Paint like the Great Artists by Marion Denchars Art Journaling for beginners by Rachel Ramey Creative Wildfire by LK Ludwig BBC Bitesize GCSE Art and Design The Twentieth Century Art book Phaidon The Art Book Phaidon Art Now Taschen 50 Photographers you should know Prestel 50 Artists you should know Prestel 50 British artists you should know Prestel 50 Contemporary artists you should know Prestel Creative paint workshop for mixed media artists Ann Baldwin Artists' journals and sketchbooks Lynne Perella The decorated journal (creating expressive journal pages) Gwen Diehn Extraordinary sketchbooks Jane Stobart Collage Sourcebook Apple Press Atkinson, J and Harrison, H (2004) Wall and Piece Century Bansky (2005) Eye Witness Art: Perspective Dorling Kindersley Cole, A (1992) Drawing with the Right Side of the Brain Harper Collins Edwards, B (1992) Andy Goldsworth: Sculpture 1976–1990 Thames and Hudson Friedman, T (2006) Art in Context Harcourt Brace Jovanovich Hobbs, J A (1985) Secret Knowledge Thames and Hudson Hockney, D (2004) That's the Way I See It Thames and Hudson Hockney, D (1999) Paper Pool Thames and Hudson Hockney, D (1980) The Artist's Manual Harper Collins Jennings, J (2005) Drawing with Colour Studio Vista Martin, J (1991) Basquiat Merrell Mayer, M (compact edition 2010) Richard Long: Walking the Line Thames and Hudson Moorhouse, P (2005) Visual Elements in Art and Design Longman Group Palmer, F (1989) The Complete Book of Drawing Phaidon Parramon, J M (1993) Tacita Dean Phaidon Poyoux, J-C (2006) Understanding Installation Art: From Rosenthal, M Art School Macmillan Saxton, C (1982) Rembrandt's Eyes Allen Lane History Series Schama, S (2000) Jenny Saville Rizzoli International Publication Schama, S (2006)

Focus

Form

Foreground

Background

Minimal

Deep

Positive

Negative

Oil Paint

Chalks

Lino

Print

Oil Pastels

Elongated

Flat

Large Small 2 Dimensional 3 Dimensional

Lavered

Landscape

Scale

Polytile Print Monoprinting Canvas Collage The Key to Painting Search Press Trado, J (1990) The Art of Bill Viola Thames and Hudson Townsend, C (2004) Land and Environmental Art Phaidon Wallis, B and Kastner, J (2005) Picture this Century Hodder and Stoughton Woolf, F (1992)

Museums and Galleries:

The Tate Modern London The Tate Britain London The National Gallery London The National Portrait Gallery London The Royal Academy of Arts London The British Museum London The Photographers Gallery London The Courtauld Gallery London The Hayward London The Saatchi Gallery London The White Cube Gallery London The V&A London The Serpentine gallery London Museum of Modern Art Oxford Ashmolean Museum Oxford Pitt Rivers Museum Oxford Birmingham Museum and Art Gallery The Ikon Gallery Birmingham

Art, Craft and Design

Key words:

Light: Artificial Dark Evening Harsh

Kind of Art:

Abstract Distorted Cubist Emotional Fantasy Figurative Landscape

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Composition:

Background Blurred Complex Distant Eye-line

Shape/Form/Space:

Closed Open Distorted Flat Organic

Medium:

Pencil Pen Biro Acrylic Paint Watercolour Focus Form Foreground Background Minimal

Deep Flat Positive Negative Elongated

Oil Paint Oil Pastels Chalks Lino Print

Set texts: None Revision guides: None

Recommended reading list:

Draw and Paint like the Great Artists by Marion Denchars Art Journaling for beginners by Rachel Ramey Creative Wildfire by LK Ludwig BBC Bitesize GCSE Art and Design The Twentieth Century Art book Phaidon The Art Book Phaidon Art Now Taschen 50 Photographers you should know Prestel 50 Artists vou should know Prestel 50 British artists you should know Prestel 50 Contemporary artists you should know Prestel Creative paint workshop for mixed media artists Ann Baldwin Artists' journals and sketchbooks Lynne Perella The decorated journal (creating expressive journal pages) Gwen Diehn Extraordinary sketchbooks Jane Stobart Collage Sourcebook Apple Press Atkinson, J and Harrison, H (2004) Wall and Piece Century Bansky (2005) Eye Witness Art: Perspective Dorling Kindersley Cole, A (1992) Drawing with the Right Side of the Brain Harper Collins Edwards, B (1992) Andy Goldsworth: Sculpture 1976–1990 Thames and Hudson Friedman, T (2006) Art in Context Harcourt Brace Jovanovich Hobbs, J A (1985) Secret Knowledge Thames and Hudson Hockney, D (2004) That's the Way I See It Thames and Hudson Hockney, D (1999) Paper Pool Thames and Hudson Hockney, D (1980) The Artist's Manual Harper Collins Jennings, J (2005) Drawing with Colour Studio Vista Martin, J (1991) Basquiat Merrell Mayer, M (compact edition 2010) Richard Long: Walking the Line Thames and Hudson Moorhouse, P (2005) Visual Elements in Art and Design Longman Group Palmer, F (1989) The Complete Book of Drawing Phaidon Parramon, J M (1993) Tacita Dean Phaidon Poyoux, J-C (2006) Understanding Installation Art: From Rosenthal, M Art School Macmillan Saxton, C (1982) Rembrandt's Eyes Allen Lane History Series Schama, S (2000)

Layered Scale Landscape

Large Small 2 Dimensional 3 Dimensional

Polytile Print Monoprinting Canvas Collage Jenny Saville Rizzoli International Publication Schama, S (2006) The Key to Painting Search Press Trado, J (1990) The Art of Bill Viola Thames and Hudson Townsend, C (2004) Land and Environmental Art Phaidon Wallis, B and Kastner, J (2005) Picture this Century Hodder and Stoughton Woolf, F (1992)

Museums and Galleries

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Biology

Key words:

- Aerobic Respiration Active Transport Adaptations Stem Cells Hormone Enzyme Biodiversity Carbon cycle Photosynthesis
- Clinical Trials Correlation Differentiate Diffusion Osmosis Homeostasis Mitosis Meiosis Mutation

Natural selection Transpiration Translocation Allele Gene Haploid Diploid

Set texts:

https://www.kerboodle.com/users/login Biology AQA GCSE,OUP, ISBN 978-0-19-835937-1

Revision guides:

Biology for GCSE Combined Sciences: Trilogy OUP ISBN: 978-0-19-835930-2 CGP Science 9-1 Biology CGP

Recommended reading list:

Biological Sciences Review. Hodder Education **ISBN:** 9781471890406 Darwin's Ghost: The secret history of evolution - Rebecca Stott The Violinist's Thumb and other lost tales of love war and genius, as written by our genetic code - Sam Kean ISBN-13: 978-0316182317

Business Studies

Key words:

- Added Value Business Cycle Business Plan Calculated Risk Commodity market Consumer Cost Customer Customer Satisfaction Demand Enterprise
- Entrepreneur Exchange rate Financial Objectives Innovation Interest rate Invention Legal and tax issues Limited liability Market Mapping Marketing Mix Market Research
- Non-financial objectives On the job training Off the job training Profits Recruitment Revenue Stakeholder Supply Thinking Creatively

Set texts:

GCSE Business Studies: Introduction to small business by Alain Anderton, Ian Gunn, Andrew Ashwin ISBN: 9781846904967

Revision guides:

Revise Edexcel GCSE Business Revision Guide: Unit 1, 3 and 5 by Rob Jones and Andrew Redfern. ISBN: 9781446903735 Revise Edexcel GCSE Business Revision Workbook unit 1, 3 and 5 by Rob Jones and Dave Gray ISBN: 9781446903766 CGP GCSE Business Studies The Revision Guide ISBN 9781847623140

Recommended reading list/websites:

Business review magazines Financial pages of newspapers GCSEpod BBC Business News website - <u>http://www.bbc.co.uk/news/business</u> Bitesize Business - <u>http://www.bbc.co.uk/education/subjects/zpsvr82</u> Tutor2u website - <u>https://www.tutor2u.net/</u>

Chemistry

Key words:

Activation Energy Alkane Alkene Aqueous Biodegradable Burette Collision Theory Covalent Bond

- Electrolysis Electrolyte Endothermic Equilibrium Exothermic Functional Group Homologous Series Ionic Bond
- Monomers Oxidation Reduction Thermal Decomposition Titration Viscosity

Set texts:

AQA chemistry specification - http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462 AQA Combined Science (Trilogy) Specification http://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF Kerboodle (online textbook and student resources) https://www.kerboodle.com/users/login Login is first initial and then surname, no space and all lowercase. Institute code is RA4. (Double award students) OUP AQA GCSE Chemistry for Combined Science (Trilogy) Student Book ISBN: 9780198359272 (Triple award students) OUP AQA GCSE Chemistry Student Book ISBN: 9780198359388

Revision guides:

Double Award: OUP AQA Chemistry for GCSE Combined Science: Trilogy Revision Guide ISBN: 9780198359319 New Grade 9-1 GCSE Combined Science: AQA Revision Guide with Online Edition – Higher ISBN: 9781782945598

Triple Award: OUP AQA GCSE Chemistry Revision Guide ISBN: 9780198359418 New Grade 9-1 GCSE Chemistry: AQA Revision Guide with Online Edition ISBN: 9781782945574

Recommended reading list:

Web Magazine: The Royal Society of Chemistry – The Mole: <u>https://eic.rsc.org/section/the-mole</u> Chemistry Secrets FOR ALL: The Little Fun Easy Science Book ISBN: 978-0615685526

CiDA – Certificate in Digital Applications

Key Words:

- Computer Technology Creative Multimedia Input, output & processing Flow diagram Imaging Creative Links, Hotspots Rollovers. Composition Colour
- Shape Balance Contrast Visual hierarchy Alignment Line spacing Bullets Numbering Emboldening Web-friendly Font sizes Headings User interface

Accessibility Ease of navigation Overall user experience. Analysis Design Testing Evaluation Audience Cipher Encryption Purpose

Set Texts:

N/A

Revision Guides:

Exam board yet to advise

Recommended reading list/websites:

Exam board http://qualifications.pearson.com/en/qualifications/digital-applications-cida-dida/cida-2012.html Visit the Edexcel Students Facebook page <u>students@pearson.com</u>

Computer Science

Key Words:

Algorithm Sequence Selection Iteration Input, output & processing Flow diagram Pseudocode Variable Identifier Constant Arithmetic operators **Relational operators** Boolean (logical) operators Nested operations Definite iteration Indefinite iteration For loop While loop Do...until loop

Nested loop Infinite loops Trace table Algorithm efficiency Logical error Logical operator **Boolean** logic Transistor Truth table Logic gate AND gate OR gate NOT gate Logic circuit Control system Data type Data structure Integer Real number

Floating point number String String manipulation Index String traversal Concatenation Casting Array Two-dimensional array Cipher Encryption Ascending order Descending order Bubble sort Insertion sort Merge sort Sequential Linear sort Binary search

Set Texts:

GCSE Computer Science for OCR Student Book – ISBN 1316504034 OCR Computer Science for GCSE Student Book – ISBN 1471866149

Revision Guides:

New GCSE Computer Science OCR Revision Guide - for the Grade 9-1 Course ISBN: 1782946020 REVISE OCR GCSE (9-1) Computer Science Revision Guide (REVISE OCR GCSE Computer Science) ISBN: 1292133902 OCR GCSE Computer Science My Revision Notes ISBN: 147188665

OCR GCSE Computer Science My Revision Notes ISBN: 147 18

Recommended reading list/websites:

Exam Board: http://www.ocr.org.uk/qualifications/gcse-computer-science-j276-from-2016/ Watch Videos: http://craigndave.org/free-ocr-flipped-classroom-videos-for-gcse-computer-science/ Past Papers Questions: https://computerscienceuk.com/gcse-2/6-a-day-revision/ Basic Theory Revision: https://gcsecomputing.org.uk/theory/ http://www.bbc.co.uk/education/subjects/zvc9q6f http://www.mrfraser.org/

Design and Technology

Key words:

Alloy Anthropometrics Batch production CAD/CAM Continuous production Ergonomics Fabric Fibre Flexible manufacturing system Ferrous metal Iterative design

Command words

Analyse Argue Assess Calculate Comment Compare Consider Contrast Criticise Market pull Mass production Modern materials Non-ferrous metal Obsolescence Prototype Quality control Rendering Smart materials Sustainable Specification Strength

Debate Define Describe Develop Discuss Estimate Evaluate Examine Identify Technology push Thermoforming plastic Thermos setting plastic Tolerance Laser cutter Embroidery Resistor Capacitor Integrated Circuit (IC) Measuring & marking Laminating

Illustrate Interpret Justify Relate Review Suggest Summarise

Set texts:

AQA GCSE (9-1) Design and Technology: All Material Categories and Systems by Bryan Williams Paperback £21.99 AQA GCSE (9-1) Design & Technology 8552 by M J Ross Paperback

Revision guides:

AQA GCSE Design & Technology All-in-One Revision and Practice (Collins GCSE 9-1 Revision) (Collins GCSE Revision and Practice - New Curriculum) or CGP GCSE AQA Design and technology (there is also a work book of questions that go with this)

Recommended reading list:

These can be borrowed from your teacher. Design Museum: Contemporary Design - Catherine McDermott Drawing For Designers - Alan Pipes Making IT Manufacturing Techniques for Product Design - Chris Lefteri

These are a lot more detailed and should be borrowed rather than bought

Drama

Key words:

Symbol/ic/ism	Atmosphere
Proxemics	Gait
Empathy	Posture
Idiosyncrasy	Gesture

Set texts:

Blood Brothers – Willy Russell Blue Remembered Hills – Dennis Potter Our day Out – Willy Russell

Revision guides:

OCR (new spec) 2016 (Not yet in print)

Recommended reading list:

John Godber plays eg: Bouncers, Up 'n Under or Shakers.

Character/isation Audience Rehearsal

English Language

Key words:

Alliteration Allusion Ambiguity Anaphora Anthropomorphism Assonance Atmosphere Colloquial Connotation Diction Empathy End stopping Enjambement Figurative language Foreshadowing Hyperbole

Imagery Internal rhyme Irony Juxtaposition Metaphor Onomatopoeia Oxymoron Pathetic fallacy Pathos Personification Point of View Protagonist Pun Repetition **Rhetorical Question** Rhvme

Rhyme scheme Rhythm Satire Sibilance Simile Sonnet Stanza Structure Style Symbol Syntax Theme Tone Triplet Zoomorphism

Set texts:

CGP GCSE Shakespeare Macbeth Complete Play (with Notes) William Shakespeare A Christmas Carol: In Prose Being Charles Dickens An Inspector Calls JB Priestley AQA Past and Present Poetry Anthology (Love and Relationships section)

Websites:

https://www.youtube.com/user/mrbruff/videos

BBC Bitesize https://www.bbc.co.uk/education/topics/zgvkjxs GCSE Pod shmoop Sparknotes: A Christmas Carol

Books:

CGP GCSE English Shakespeare Text Guide – Macbeth CGP GCSE English Text Guide - An Inspector Calls CGP New GCSE English Literature AQA Poetry Guide: Love & Relationships Anthology - the Grade 9-1 Course CGP New GCSE English Literature AQA Unseen Poetry Guide - for the Grade 9-1 Course A Christmas Carol: York Notes for GCSE (9-1) by Lucy English Paperback

A Christmas Carol: York Notes for GCSE (9-1) Workbook by Ms Beth Kemp Paperback

Recommended reading list:

CGP GCSE Shakespeare Macbeth Complete Play (with Notes) William Shakespeare A Christmas Carol: In Prose Being Charles Dickens An Inspector Calls JB Priestley AQA Past and Present Poetry Anthology (Love and Relationships section)

English Literature

Key words:

Alliteration Allusion Ambiguity Anaphora Anthropomorphism Assonance Atmosphere Colloquial Connotation Diction Empathy End stopping Enjambement Figurative language Foreshadowing Hyperbole

Imagery Internal rhyme Irony Juxtaposition Metaphor Onomatopoeia Oxymoron Pathetic fallacy Pathos Personification Point of View Protagonist Pun Repetition Rhetorical Question Rhyme

Rhyme scheme Rhythm Satire Sibilance Simile Sonnet Stanza Structure Style Symbol Syntax Theme Tone Triplet Zoomorphism

Set texts:

CGP GCSE Shakespeare Macbeth Complete Play (with Notes) William Shakespeare A Christmas Carol: In Prose Being Charles Dickens An Inspector Calls JB Priestley AQA Past and Present Poetry Anthology (Love and Relationships section)

Revision guides:

Websites: https://www.youtube.com/user/mrbruff/videos BBC Bitesize https://www.bbc.co.uk/education/topics/zgvkjxs GCSE Pod shmoop Sparknotes: A Christmas Carol

Books

CGP GCSE English Shakespeare Text Guide – Macbeth CGP GCSE English Text Guide - An Inspector Calls CGP New GCSE English Literature AQA Poetry Guide: Love & Relationships Anthology - the Grade 9-1 Course CGP New GCSE English Literature AQA Unseen Poetry Guide - for the Grade 9-1 Course

A Christmas Carol: York Notes for GCSE (9-1) by Lucy English Paperback

A Christmas Carol: York Notes for GCSE (9-1) Workbook by Ms Beth Kemp Paperback

Recommended reading list:

CGP GCSE Shakespeare Macbeth Complete Play (with Notes) William Shakespeare A Christmas Carol: In Prose Being Charles Dickens An Inspector Calls - JB Priestley AQA Past and Present Poetry Anthology (Love and Relationships section)

Enterprise BTEC

Key words:

Unit 1 Business ideas Business plan Customer needs Environmental trends Ethical trends

Unit 2

Adding value Advertising Brand Brand image Brand objectives Limited company Local factors National factors Partnership Public limited company

Brand personality Direct marketing Marketing mix Personal selling Public relations Size of business Social enterprise Social trends Sole trader Technology trends

Promotional activities Sales promotion Target market

Set texts:

BTEC First Business Award Student Book by Carol Carysforth and Mike Neild ISBN: 9781447935568

Revision guides:

BTEC Business Assessment guide Unit 1 and Unit 2 by Carole Trotter and Ian Gunn ISBN: 9781444186772 BTEC Business Assessment guide Unit 3 by Carole Trotter ISBN: 9781444186819

Recommended reading list/websites:

Business review magazines Financial pages of newspapers BBC Business News website - <u>http://www.bbc.co.uk/news/business</u> Tutor2u website - <u>https://www.tutor2u.net/</u>

Geography

Key words: Composition Crystal Fossil Geology Igneous rock Magma Metamorphic rock Resistant Sedimentary rock Tectonic activity Texture Alluvium Beach nourishment Backwash Coastal flooding Coastal recession Concordant coastline Constructive waves Deposition **Destructive waves Discordant coastline** Dynamic landform Erosion Fetch Grovnes Channelization Channel shape Confluence Dam Discharge Floodplain Freeze-thaw weathering (frost action)

Gradient Hard engineering Human causes Hydrograph Interception Levee Long profile Annual temperature range Atmosphere Circulation cells Cvclone Enhanced greenhouse effect FEMA Global atmospheric Circulation Hemisphere Humanitarian aid Ice fairs Irrigation ITCZ Methane Milankovitch cycles Nomadic herdsmen Non-frontal system Ocean current Pastoral farming Precipitation Prevailing wind Savannah ecosystem Abiotic Factors Afforestation Ancient woodlands

Aquaculture **Biodiversity** Biomass Biosphere **Biotic factors** Boreal forests Broad-leaved trees Carbon credits Colonise Commodity Coniferous Deciduous Desert Detritivore Distribution Ecosvstem Ecotourism Eutrophication Exploitation Finite resource Food chain Food web Heathland Hibernate Inorganic material Limiting factors Litter Mineral Monoculture

Set texts:

GCSE (9-1) Geography Specification A: Geographical Themes and Challenges 2016 ISBN-139781446927755 Geographical Skills and Fieldwork for Edexcel GCSE (9-1) Geography A and B ISBN-139781471865930

Revision guides:

REVISE Edexcel GCSE (9-1) Geography A Revision Guide ISBN10 1292133775 ISBN13 9781292133775

Recommended reading list:

BBC Bitesize: Changing landscapes – erosion A video clip on how erosion has shaped the landscape of North Wales. <u>http://www.bbc.co.uk/education/clips/z2fr87h</u>

BBC Bitesize: Changing landscapes – sheep grazing A video clip on how sheep grazing has shaped the landscape of North Wales. <u>http://www.bbc.co.uk/education/clips/ztbkq6f</u>

BBC News: How volcanoes shaped Britain's landscape

Article explaining how volcanic actions have laid the foundation for our natural landscape.<u>http://www.bbc.co.uk/news/science-environment-18674655</u>

British Geological Survey: Geology of Britain

Information, interactive maps and case studies on the geology of the UK. http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/home.html?src=topNav

British Geological Survey: Geology map app

To get a sense for the UK's geology, use the map viewer from the British Geological Survey. http://mapapps.bgs.ac.uk/geologyofbritain/home.html

BBC Bitesize: Coastal landscapes class clips

A wide-ranging collection of video resources on coastal landscapes and processes. http://www.bbc.co.uk/education/topics/zxvkjxs/resources/1

BBC GCSE Bitesize: Coasts

Revision resources and tests based on coastal landscapes and processes. <u>http://www.bbc.co.uk/schools/gcsebitesize/geography/coasts/</u>

Longshore drift and attrition video (Alistair Gray) This VIMEO video shows some of the key processes. Challenge students to make a similar video. https://vimeo.com/110850531

Longshore drift video (David Rogers) This YouTube video made by David Rogers explains the process of longshore drift. https://www.youtube.com/watch?v=29o5ntbxjJs

BBC GCSE Bitesize: River processes

A video that looks at how rivers shape the land from source to mouth. http://www.bbc.co.uk/schools/gcsebitesize/geography/water_rivers/river_processes_video.shtml

BBC GCSE Bitesize: River landforms

Revision resources that look at the features found in the upper, middle and lower courses of rivers. http://www.bbc.co.uk/schools/gcsebitesize/geography/water_rivers/river_landforms_rev1.shtml

BBC Bitesize: Waterfalls, plunge pools and potholes Video on how waterfalls, plunge pool and potholes are formed. http://www.bbc.co.uk/education/clips/z3xb4wx

BBC Bitesize: Waterfalls and gorges – erosion and deposition Video on the formation of waterfalls and gorges. http://www.bbc.co.uk/learningzone/clips/waterfalls-and-gorges-erosion-and-deposition/3239.html

CLEO: Gorge formation

An animation showing how gorges are formed.

http://www.cleo.net.uk/resources/displayframe.php?src=307/consultants_resources%2F_files%2Fgorge. swf

BBC Bitesize: Global energy balance Revision resources that look at the redistribution of energy by atmosphere and oceanic circulation. http://www.bbc.co.uk/education/guides/zym77ty/revision

Met Office: Global circulation patterns

A short and accurate description of global atmospheric circulation, including each of the cells. <u>http://www.metoffice.gov.uk/learning/learn-about-the-weather/how-weather-works/global-circulation-patterns</u>

BBC GCSE Bitesize: Weather and climate

Revision resources based around weather, climate and extreme weather. http://www.bbc.co.uk/schools/gcsebitesize/geography/weather_climate/

BBC GCSE Bitesize: Climate change Revision resources based around climate change. http://www.bbc.co.uk/schools/gcsebitesize/geography/climate_change/

Confessions of an Eco Sinner: Travels to find where my stuff comes from In this book, Fred Pearce explores where his stuff comes from and presents a number of moral dilemmas resulting from efforts to reduce climate change. Fred Pearce (2009) Confessions of an Eco Sinner: Travels to find where my stuff comes from, Eden Project Books. ISBN 978-1905811120.

Guardian: Climate change

A collection of news stories from the Guardian about climate change that is updated daily. <u>http://www.theguardian.com/environment/climate-change</u>

Wideworld magazine: What's the world's weather doing today? A useful magazine article that contains ways to explore weather information and data. 'What's the world's weather doing today?' Wideworld, Vol. 27, No. 4 (April 2016) Hodder Education.

Met Office: Climate guide

Multi-media resources and data based around climate change. Includes resources on the evidence, impacts and possible efforts to reduce climate change. <u>http://www.metoffice.gov.uk/climate-guide</u>

Amazon: An Extraordinary Journey Down The Greatest River On Earth Bruce Parry explores the Amazon from source to mouth. It is very useful for looking at the impact of people on the ecosystem and how it is used traditionally. An especially good example is the impact of illegal gold mining. It accompanies the BBC television series now available on DVD. Bruce Parry (2008) Amazon: An Extraordinary Journey Down The Greatest River On Earth, Michael Joseph. ISBN 9780718154349.

Arctic

Bruce Parry explores the various biomes of the Arctic, looking at the human impact there. It accompanies the BBC television series now available on DVD. Bruce Parry (2011) Arctic, Conway. ISBN 9781844861309.

BBC Bitesize: Changing ecosystems – Britain since the Ice Age A video clip about the deforestation of Britain and how the ecosystem has adapted to this change. <u>http://www.bbc.co.uk/education/clips/z7tc87h</u>

BBC GCSE Bitesize: Ecosystems – the living world Revision resources, including videos and tests resources, on ecosystems and the world's major biomes. Includes links to the human uses of ecosystems. http://www.bbc.co.uk/schools/gcsebitesize/geography/ecosystems/

BBC GCSE Bitesize: Human uses of rainforests Resources looking at how humans intervene in the Amazon. <u>http://www.bbc.co.uk/schools/gcsebitesize/geography/ecosystems/human_uses_rainforest_rev1.shtml</u>

Frozen Planet

This BBC book explores the flora and fauna of the Arctic and Antarctic, including the changing seasons in the northern hemisphere. It accompanies the BBC television series now available on DVD. Alastair Fothergill and Vanessa Berlowitz (2011) Frozen Planet, BBC Books. ISBN 9781846079627.

kids.mongabay.com: Tropical rainforests

A student-friendly website all about rainforests, including information on their ecosystems and deforestation. http://kids.mongabay.com/

German

Key words:

Vocabulary related to relationships, marriage, social media, mobile phones, music, cinema, television, sport, hobbies, customs, festivals, where I live and local area, charity / voluntary work

Set texts:

AQA GCSE German: Foundation Student Book 978-0-19-836588-4 or AQA GCSE German: Higher Student Book 978-0-19-836587-7

Revision guides:

Revise AQA GCSE (9-1) German 978-1292131436 Revise AQA GCSE revision workbook 978-1447941149 New GCSE German AQA Exam Practice Workbook - for the Grade 9-1 Course (includes Answers) 978-1782945536 New GCSE German AQA Revision Guide - for the Grade 9-1 Course (with Online Edition) 978-1782945529

Recommended reading list:

Schuss - Mary Glasgow magazine

Useful websites:

Know your vocabulary:

http://www.yjc.org.uk/ http://www.education.vic.gov.au/languagesonline/german/german.htm

Listening & reading practice:

As above, plus: http://www.ashcombe.surrey.sch.uk/07-langcoll/MFL-resources/german/ge-video-index.shtml GCSE pod **BBC** Bitesize www.kerboodle.com and use digital book (log on with your initial and name (eg dsmith). This is your username and password. Centre code=ra4) http://gualifications.pearson.com/en/gualifications/edexcel-gcses/german-2009.html (Not our exam board, but has useful past papers to use as revision with listening files/markschemes) http://www.ocr.org.uk/qualifications/type/gcse/languages/german/documents/ (Not our exam board, but has useful past papers to use as revision with listening files/markschemes) Watch a film in German with English subtitles Listen to German radio/TV online Read about something in German online by googling it in German www.youtube.com Peppa Wutz Roary der Rennwagen Hallo aus Berlin **Die Simpsons** http://www.tivi.de/fernsehen/logo/start/ (Kinder Nachrichten - sowie Newsround auf Deutsch) http://multilingualbooks.com/wp/cartoons/european-cartoons/german-cartoons/ http://webgerman.com/germlinks/#video (German audio sites, German video) http://www.bbc.co.uk/languages/german/talk/ (good revision of basics) http://aufdeutsch.co.uk/ (new set of cultural videos and texts for GCSE pupils from the Goethe Institut.) https://www.youtube.com/user/dwlearngerman https://www.goethe.de/en/index.html http://www1.wdr.de/kinder/tv/neuneinhalb/index.html (Kinder Nachrichten - sowie Newsround auf Deutsch)

Health and Social Care BTEC

Key words:

Infancy Early childhood Middle adulthood Adolescence Growth spurt Puberty Later adulthood Early adulthood Fine motor skills Gross motor skills Egocentric Sexual maturity Primary sexual characteristics Secondary sexual characteristics Physical development Intellectual development Emotional development Social development Bonding Self-concept Genetic inheritance Expected life event Unexpected life event Primary care Domiciliary care Secondary and tertiary care Empowerment Safeguarding Respect Confidentiality Dignity Discrimination Duty of Care Health Wellbeing BMI Pulse Blood Pressure Peak flow

Revision Guide:

BTEC Tech Award Health and Social Care Student Book Paperback – 27 Jun 2017 by Mrs Brenda Baker, Colette Burgess and Ms Elizabeth Haworth

Key words: American West: Nomadic Mormons Manifest Destiny Arid Rancher Exposure Terrain Homesteader Vigilante Migration Anglo Saxons: Tithe Housecarl Submission Feudal system Forfeit Colonisation Succession Harrying Witan Genocide Set texts: Edexcel GCSE (9-1) History. Anglo-Saxon and Norman England, C1060-1087 - Rob Bircher 9781292127231 Edexcel GCSE (9-1) History. The American West, C1835-C1895 - Rob Bircher 9781292127309 **Revision guides:** REVISE Edexcel GCSE (9-1) History Anglo-Saxon and Norman England Revision Guide and Workbook (Revise Edexcel GCSE History 16) - Rob Bircher 978-1292169743 REVISE Edexcel GCSE (9-1) History the American West Revision Guide and Workbook (Revise Edexcel GCSE History 16) Paperback Rob Bircher 978-1292169774 Edexcel GCSE (9-1) History the American West, c.1835-c.1895 Student Book: Student Book (EDEXCEL GCSE HISTORY (9-1) - Rob Bircher 978-1292127309 Edexcel GCSE (9-1) History Anglo-Saxon and Norman England, c1060-1088 Student Book (EDEXCEL GCSE HISTORY (9-1) - Rob Bircher 978-1292127231 The American West 1840-1895 The Struggle For The Plains.: Students Book (Discovering the Past for

GCSE) Paperback - Dave Martin, Colin Shephard 978-0719551819

Recommended reading list:

The American West: A Very Short Introduction (Very Short Introductions) Paperback - Stephen Aron 978-0199858934 North American Indians: A Very Short Introduction (Very Short Introductions) Paperback – 26 Aug 2010 -Theda Perdue, Michael D. Green 978-0195307542 Anglo-Saxon Britain Paperback - Grant Allen 978-1502337252 A Brief History of the Anglo-Saxons (Brief Histories) - Geoffrey Hindley 978-1845291617 A Brief History of the Normans: The Conquests that Changed the Face of Europe - Francois Neveux, Howard Curtis 978-1845295233

Hospitality and Catering

Key words:

Equipment Quality control Barbequing Grilling Griddling Caramelising. Blend Blanch Boiling Poach Steam Fry Sauté Seasonality food intolerances Protein Carbohydrate Fat

Command words:

Explain Evaluate Discuss

Set texts:

Exam board yet to advise

Vitamins A B C and D Iron Sodium Storage Preparation Organic foods Locally sourced Farm-assured Free-range Sustainable HACCP A la carte Accompaniments Al dente A la minute A la mode Amuse-bouche Au gratin

Describe Label Sketch Apéritif Bain-marie Brûlee Bouquet garni Coulis Croutons. Canapé Crudité Digestif En croûte Entrée Flambé Garnish Hors d'oeuvre Julienne Marinade

Compare

Maths

Key words:

Simplify Solve Diagram not to scale Equidistant Colinear Bisector Parallel Perpendicular Ascending Descending Equivalent Hence Estimate Construct Show that Evaluate Expand Index form Expression Equation Formula Identity Tangent Gradient Intercept Correlation Frequency

Set Texts:

Level Up 4-6 ISBN: 978-0-435537-31-9 Level Up 5-7 ISBN: 978-0-435537-32-6 Level Up 6-8 ISBN: 978-0-435537-33-3

Not set texts though textbooks may be used in some lessons: Foundation textbook: AQA GCSE Maths Student Book by Collins ISBN: 9780007597437 Higher textbook: AQA GCSE Maths Student Book by Collins ISBN: 9780007597345

Revision guides:

AQA GCSE Maths Foundation All-in-One Revision and Practice (Collins GCSE 9-1 Revision) Higher ISBN: 9780008112509 Foundation ISBN: 9780008112516

Recommended websites:

<u>www.mymaths.co.uk</u> (login: denefield password: rhombus) <u>https://www.ezyeducation.co.uk/learning-zone.html</u> (every student will be given their own login and password)

Media Studies

Key words:

Juxtaposition Aspirers Mise en scene Experientials Low key lighting Mainstreamers High key lighting

Set texts:

Magazine front covers: Pride (November 2015) GQ (July 2016)

Film posters (marketing): The man with the golden gun (1974) Spectre (2015)

Newspaper front pages: The Guardian (4 September 2015) The Sun (18 December 2013)

Print advertisements: Quality Street (1956) This Girl Can (2015)

It is recommended that students study at least two additional, contrasting products from each of the above forms.

Students must study the following media forms and products:

Newspapers:

The Sun https://www.thesun.co.uk/

Film: Spectre, 12 (2015) <u>http://www.007.com/spectre/</u>

Radio: The Archers <u>http://ww.bbc.co.uk/programmes/b006qpgr</u>

Video Games: Pokémon Go (2016) <u>http://www.pokemon.com/uk/</u>

Crime Dramas: Luther Series 1 Episode 1 The Sweeney Series 1 Episode 1

Modern music videos – Katy Perry 'Roar' and Bruno Mars 'Uptown Funk' 80s music videos – Michael Jackson 'Black or White' Social media and websites for Katy Perry and Bruno Mars

- Succeeders Anchorage Reformers Codes and conventions Lines of appeal Intertextuality Media Language
- Stereotype Connotation Subliminal Denotation Semiotics Editing Genre

Revision guides: Eduqas GCSE revision text book - not yet in print

Recommended reading list: Variety of media texts – for example: other newspapers, magazines, crime dramas

Music

Key words:

Accelerando Accent Adagio Allegro Allegretto Andante Arco Arpeggio Broken Chord Crescendo Counter-Melody

- Diminuendo Discord Dissonant/Dissonance Drone Dynamics Imitation Largo Note Cluster Ostinato Pedal Inverted Pedal.
- Pizzicato Presto Ritardando Sequence Sforzando Staccato Syncopation Tempo Trill Vivace

Set texts:

AOS 1: Western Classical Music Haydn: Symphony 101 in D major The Clock movt. 2 AOS 2: Popular Music The Beatles: Sgt.Pepper's Lonely Hearts Club Band – the following three tracks: With a Little Help from my Friends Within You Without You Lucy in the Sky with Diamonds AOS 3: Traditional Music Santana: Supernatural – the following three tracks: Smooth Migra Love of my Life AOS 4: Western Classical Tradition since 1910: Aaron Copland: Saturday Night Waltz and Hoedown from Rodeo.

Revision guides:

AQA GCSE Music Revision Guide by David Ventura published by Rhinegold

Recommended listening list:

The Coronation Anthems and Oratorios of Handel. The orchestra music of Haydn Mozart and Beethoven. The piano music of Chopin and Schumann. The Requiem of the late Romantic period.

Music of Broadway 1950s to 1990s. Rock music of 1960s and 1970s. Film and computer gaming music 1990s to present. Pop music 1990s to present.

Blues music from 1920–1950. Fusion music incorporating African and/or Caribbean music. Contemporary Latin music. Contemporary folk music of the British Isles.

The orchestral music of Copland. British music of Arnold Britten Maxwell-Davies and Tavener. The orchestral music of Zoltán Kodály and Béla Bartók. Minimalist music of John Adams Steve Reich and Terry Riley.

PE Studies and Sport BTEC

Key words:

Abduction Adduction Agonist Antagonist Axes of rotation Capilliarisation Cartilage Cardiac output Circumduction Closed skull

Set texts: GCSE text book -

OCR GCSE (9-1) PE Second Edition Paperback by John Honeybourne

BTEC Tech Award in Sport Student Book Publisher: Pearson Author: Jennifer Stafford BrownAlex Sergison ISBN: 9781446943625

Complex skill Double circulatory system Energy balance FITT Fixator Gaseous exchange Hypertrophy Lactic acid Levers Mental Preparation Minute ventilation Open skill Planes of movement Redistribution of blood Simple skill SMART targets Sportsmanship Stroke volume Synovial joints Tidal volume

Physics

Key words:

- Kinetic Thermal Conservation Work Done Internal Energy Specific Latent Heat Seismic Waves Vector Scalar
- Displacement Free-Body Diagram Terminal Velocity Momentum Half-Life Geiger Counter Chain Reaction Solenoid Relay
- Magnetic Flux Density Motor Effect Light Dependent Resistors Thermistors Supernova Redshift Cosmic Background Radiation

Set texts:

AQA physics specification - <u>http://www.aqa.org.uk/subjects/science/gcse/physics-8463</u> Kerboodle (online textbook and student resources) <u>https://www.kerboodle.com/users/login</u> Login is **first initial and then surname** no space and all lowercase. Institute code is **RA4.** (Double award students) AQA GCSE Physics for Combined Science (Trilogy) Student Book ISBN: 9780198359289 (Triple award students) AQA GCSE Physics Student Book ISBN: 9780198359395

Revision guides:

Double (combined) award: New Grade 9-1 GCSE Combined Science: AQA Revision Guide with Online Edition – **Higher.** ISBN: 978 1 78294 559 8 New Grade 9-1 GCSE Combined Science: AQA Revision Guide with Online Edition – **Foundation.** ISBN: 978 1 78294 560 4 Triple (separate) award: New Grade 9-1 GCSE Physics: AQA Revision Guide with online edition. ISBN: 978 1 78294 558 1

Recommended reading list:

All About Physics (Big Questions) by <u>Richard Hammond</u>. ISBN-10: 0241206553. ISBN-13: 978-0241206553 What's Physics All About? by <u>Kate Davies</u>. ISBN-10: 1409566374. ISBN-13: 978-1409566373 A Short History of Nearly Everything – Bryson. ISBN: 9781784161859 For the Love of Physics: From the End of the Rainbow to the Edge of Time - A Journey through the Wonders of Physics - Walter Lewin. ISBN-13: 978-1451607130

Religious Studies

Key words:

Buddha Four Sights Canon Nikava Mara Enlightenment Nibbana Dhamma **Three Jewels** Dependent origination/conditionality Samsara Three marks of existence (Dukkha anicca/anitya anatta/anataman) The 12 links (nidanas) Four Noble Truths Samudava Tanha/trsna Lobha Dosa

Moha Nibbana Magga/Eightfold Path Sila Samadhi Panna Theravada Mahayana Khandas Sunvata Tathagatagarbha Arahant/Arhat **Bodhisattvas** Buddhas Pure land Kamma/Karma Punabbhava Karuna Metta/maitri Pancha sila Paramitas

Meditation Chanting Puia Mantra Malas Samatha Maitri/metta Bhavana Vipassana Zazen Mindfulness Visualisation Temple Gompas Viharas Shrines Retreats Sangha Six realms of existence Obon Bardo

Set texts:

Buddhist beliefs and teachings. Buddhist practices

Anguttara nikaya (an) 3:38-39. Sukhamala sutta: refinement Samyutta nikaya (sn) 35.199. Kumma sutta: the tortoise Samyutta nikaya (sn) 56.11. Dhammacakkappavattana sutta: setting the wheel of dhamma in motion Majjhima nikaya (mn) 36. Maha-saccaka sutta: the longer discourse to saccaka The dhammapada Nandakovada sutta: nandaka's exhortation Udana Magga-vibhanga sutta: an analysis of the path The heart sutta The diamond sutta Santideva's bodhicaryavatar Karaniya metta sutta: the Buddha's words on loving-kindness The Tibetan wheel of life. **Students will be provided with a key text booklet containing all of the above.**

Textbook: A New Approach: Buddhism 2nd Edition (ANA), Clarke, ISBN-10: 0340815051 ISBN-13: 978-0340815052

Revision guides:

Buddhist beliefs and Teachings. Buddhist Practices. Exam board yet to advise. http://www.bbc.co.uk/education/topics/z8tb4wx

Recommended reading list:

Buddhist beliefs and Teachings. Buddhist practices Buddhism: A Very Short Introduction 2/e (Very Short Introductions), Keown, ISBN-10: 0199663831 ISBN-13: 978-0199663835

Spanish

Key words:

Vocabulary related to relationships, marriage, social media, mobile phones, music, cinema, television, sport, hobbies, customs, festivals, where I live and local area, charity / voluntary work

Set texts:

Viva! AQA GCSE Students Higher Book 9781292118963 or Viva! AQA GCSE Students Foundation Book 9781292118956

Revision guides:

New GCSE Spanish AQA Revision Guide - for the Grade 9-1 Course (with Online Edition) 978-1782945468 Revise Edexcel GCSE (9-1) Spanish Revision Guide 9781292132105 Revise Edexcel GCSE (9-1) Spanish Revision Workbook 9781292132075

Recommended reading list:

El sol – Mary Glasgow magazine

Useful websites:

Know your vocabulary: http://www.education.vic.gov.au/languagesonline/spanish/spanish.htm www.languagesonline.org.uk

Listening and reading practice:

As above plus:

http://www.ashcombe.surrey.sch.uk/07-langcoll/MFL-resources/spanish/sp-video-index.shtml GCSE pod

BBC Bitesize

<u>www.kerboodle.com</u> and use digital book (log on with your initial and name (eg dsmith). This is your username and password. Centre code=ra4)

<u>http://qualifications.pearson.com/en/qualifications/edexcel-gcses/spanish-2009.html</u> (Not our exam board but has useful past papers to use as revision with listening files/markschemes)

<u>http://www.ocr.org.uk/qualifications/type/gcse/languages/spanish/documents/</u> (Not our exam board but has useful past papers to use as revision with listening files/markschemes)

Watch a film in Spanish with English subtitles

Listen to Spanish radio/TV online

Mi vida loca series - BBC http://www.bbc.co.uk/languages/spanish/mividaloca/

Read about something in Spanish online by googling it in Spanish

www.youtube.com

Peppa Pig

los Simpsons

http://www.bbc.co.uk/languages/spanish/talk/ (good revision of basics)

Travel & Tourism BTEC

Key words:

Tourism Inbound tourism Specialist travel Eco-Tourism Short breaks Environment Historic Passenger transport Visitor attraction Capital cities Arts and entertainment Guidebooks Domestic tourism Leisure travel Adventure travel Sustainable tourism Holidays Culture Tour operator Airports Heritage Seaside resorts Sightseeing Itinerary Outbound tourism Business travel Voluntary work Day trips Cultural heritage Employment Travel Agents Accommodation Hospitality National parks Brochures Facilities

Recommended reading list/websites:

BTEC First in Travel & Tourism student Book ISBN: 9781446906279 Lonely Planet Great Britain (Travel Guide) ISBN: 9781786574169 Travel Daily News <u>www.traveldailynews.com</u> Lonely Planet <u>www.lonelyplanet.com</u> Rough Guides <u>www.roughguides.com</u> Visit England <u>www.visitengland.com</u> Visit Britain <u>www.visitbritain.com</u>