

Year 10

Summer Assessments

22nd – 29th June 2020

Revision Topic Lists

The timetable below outlines changes to our daily structure for **week beginning 22nd June for Year 10 students**. This timetable **will last until 29th June** and after this date, **we will revert back to our normal Home Learning Timetable**. Changes to this can be made to suit your family life. All links for the assessments will be made available on Show My Homework and emailed directly to families.

All links for each assessment are available on *Show my Homework*.

Suggested Time	Monday 22nd	Tuesday 23rd	Wednesday 24th	Thursday 25th	Friday 26th	Assessment Catch-Up Monday 29th
8.30-9.00	<i>Wash/Shower and have breakfast</i>	<i>Wash/Shower and have breakfast</i>	<i>Wash/Shower and have breakfast</i>	<i>Wash/Shower and have breakfast</i>	<i>Wash/Shower and have breakfast</i>	<i>Wash/Shower and have breakfast</i>
9.00-10.30	Option A Revision Session	Option B Assessment	Option A Assessment	Option C Assessment	Option D Assessment	On this day, students will need to complete any assessments that were missed due to attending the academy. For example. If your child attended school on Tuesday 23 rd June. They would need to catch-up on assessments for Option B and Maths.
10.30-10.45	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
10.45-12.15	Option B Revision Session	Maths Assessment	Option C Revision Session	Option D Revision Session	Science Assessment	
12.15-1.15	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	
1.15-2.45	Maths Revision Session	English Revision Session	English Assessment	Science Revision Session	Afternoon Enrichment	

Student Guidance

- Mobile phones to be switched off and put away
- Only use the equipment identified for the assessment
- Carry out the assessment in exam conditions away from other members of your household
- Only spend the identified amount of time on the assessment
- Ensure you click “submit” within the online assessment
- Answer every question in as much detail as you can.

English revision list

- Search and find/information retrieval skills
- Summary skills and using quotations to show meaning
- Language analysis and use of subject terminology
- Comparison skills and comparing language features
- Writing to argue/persuade/advise/inform

Maths revision list

Higher topics (10M1 only)

Angles

Solving equations

Pressure, force, area

Probability

Exact trigonometric values

Trigonometry in right-angled triangles

Ratio

Factorising and solving quadratic equations

Functions

Vectors

Foundation topics (10M2, 10M3, 10M4, and 10M5)

Conversion between hours and minutes

Metric units conversion

Equivalent fractions, decimals, and percentages

Volume of prisms

Two-way tables

Ratio

n th term of a sequence

Averages and range

Angles

Pythagoras' Theorem

Science revision list

Foundation

- Cell structure
- Viewing cells and magnification
- Communicable diseases and immunity
- Respiration
- Circulatory system and the structure of the heart
- Electronic configuration
- Metals and acids
- Structure and bonding
- Covalent structures
- Electrolysis
- Radiation properties
- Density
- Energy resources – renewable and nonrenewable
- GPE and KE

Higher

- Cell structure
- Viewing cells and magnification
- Communicable diseases and immunity
- Stem cells
- Cell cycle
- Electronic configuration
- Metals and acids
- Structure and bonding
- Covalent structures
- Calculations using the RAM equation
- Radiation properties
- Half-life calculations
- Density
- Gas pressure (from P6 topic)

Useful websites:

<https://www.bbc.com/bitesize/examspecs/z8r997h>

<https://www.youtube.com/watch?v=mKYQ-K23Mr4>

<https://www.youtube.com/watch?v=MpQ-3YAwNhl>

<https://www.youtube.com/watch?v=xtw-Z0nIIA4>

History revision list

- Features of the Anglo- Saxon society e.g. hierarchy, government, towns/villages, the economy, laws, church. (Revision guide p.2-6)
- Tostigs' rebellion and why the Saxons rebelled against Tostig in 1065. (revision guide p.7-8)
- How did William secure control of England 1067-1072? including Marcher earldoms, castles, rebellions, Norman strengths, Saxon weaknesses, political control e.g. coins, journeys, crown wearing (revision guide p.21-22)
- Normanisation of England- changes in land, church, government and laws. (revision guide page 36 and 37)
- The succession crisis after King William I died (revision guide p. 41)

Geography revision list

Living World

- Food chains, food webs, composers and biomass changes
- Tropical Rainforests- adaptations of plants and animals, effects of deforestation on the ecosystem

Rivers

- Changes in river profile
- Processes: Erosion, transport and deposition
- Meanders
- Waterfalls
- Flood management- soft engineering

Changing Economic World

- Demographic Transition model
- Factors causing uneven development
- Fairtrade and the development gap
- Nigeria- economic development and quality of life
- Post Industrial economy in the UK

Resources

- Local verses imported foods
- Managing water quality
- Impacts of water insecurity
- Lesotho Highlands Water project - impacts

French revision list

- Places in town vocabulary
- Describing the area where you live
- Tourism activities (what you can do in a place)
- Opinions
- Connectives and intensifiers
- The future tense (will)
- The conditional tense (would)
- The weather
- Comparative and superlative
- Talking about what a place used to be like (imperfect tense)

Useful websites:

www.memrise.com
www.quizlet.com (set: AQA GCSE French)
www.languagesonline.org.uk
https://language-gym.com/
www.showmyhomework.co.uk

RSL Music

- Contemporary music styles
- Influences on music styles
- The importance of bands/artists/producers
- Significant recordings/performances or events within music styles
- Tonality and tempo of music
- Fashion choices associated with styles of music
- Types of instruments
- Time periods and what styles were popular at the time

RE revision list

Paper 2: Christianity

- Key words - Omnibenevolent, Omnipotent, Trinity, Incarnation, Atonement, Resurrection
- The nature/attributes of God i.e. What do Christians believe God is like?
- Evil and suffering
- Creation: Literalist and non-literalist views
- Scientific views on the origin of life including the Big Bang and Evolution
- Describe Jesus' incarnation, crucifixion, resurrection and ascension and explain the significance of these events
- Different Christian beliefs about salvation (being 'saved')
- Different Christian beliefs about the afterlife

Useful Websites

<https://www.bbc.co.uk/bitesize/examspecs/z68sjhv>

<https://senecalearning.com/en-GB/> (type in religious studies and then click on the tab Religious Studies A: Eduqas GCSE and scroll to Christianity section)

Engineering revision list

- Investigation and development: Investigate a product, Mechanical machine (car), Phones, Technologies
- Environment: use, disposal, recycling, materials development, engineering processes, costs, transportation, sustainability
- Properties of materials: Tensile strength ,Hardness ,Toughness, Malleability , Ductility , Conductivity, Corrosive resistance , Environmental
- Testing: Destructive tests, Non-destructive tests
- Materials: Ferrous , Non-ferrous , Thermoplastics, Thermosetting plastics , Smart , Composite
- Manufacture: Marking out , Cutting , Finishing , Preparing , Shaping , Drilling , Turning , Brazing , Joining, Permanent, Temporary fixings, Filing , Soldering, For material removal , For shaping and manipulation For joining and assembly, For heat and chemical treatment
- Mathematical Techniques: Use of formulae, Ohms law, Efficiency, Areas and volumes of geometric shapes, Calculations
- Working Drawings: Section views, Construction lines, Centre lines, Hidden detail, Standard conventions

Hospitality revision list

- The structure of the industry and the types of businesses
- Job roles and requirements
- Working conditions within hospitality
- Success factors for hospitality businesses
- How the different areas function - including cooking techniques, job roles and equipment
- Meeting customer requirements
- Personal safety - legal requirements, spotting risks and control measures
- Food safety
- Food related ill health - allergies and food poisonings
- The environmental health officer

Graphics

For your Graphics assessment, you will be assessed on the graphics techniques that you have been working on including rendering techniques.

Drama

- You will need to choose, memorise, rehearse and then record yourself performing ONE monologue, which must be AT LEAST 2 minutes long.
- You will need to send this to Mrs Schrodell and it will then be marked using the marking criteria.
- The monologue should show a wide range of vocal and physical skills and should be

Vocal techniques	Physical Techniques
Tone	Body language
Pitch	Facial expression
Pace	Eye contact
Volume	Height levels
Emphasis	Stance/posture
Clarity	Gesture
Pause	Movement
Accent	Proxemics

Sports studies revision list

- Physical components: Aerobic endurance, Muscular endurance, Flexibility, Speed, Muscular strength, Body composition
- Skill related components: Agility, Balance, Coordination, Power, Reaction Time
- Principles of training: FITT (Frequency Intensity Time and Type), Progressive Overload, Specificity, Individual differences/needs, Adaptation, Reversibility, Variation, Rest and Recovery
- Calculate: Maximum heart rate, Training zones (60-85%), Borg rating of perceived exertion scale
- Methods of training: Circuit, Interval, Continuous, Fartlek, Plyometrics, Flexibility – including Static, Ballistic, PNF, Speed – Hollow sprints, Acceleration sprints
- Fitness testing: Flexibility (sit and reach test) , Strength (hand grip dynamometer), Aerobic endurance (multi-stage fitness test, forestry step test), speed, agility (Illinois agility test), power (vertical jump test), muscular endurance (one minute press up and sit up), body composition (BMI, BIA, Skinfold testing)

Health and Social care

A1 Factors affecting health and wellbeing

- Definition of health and wellbeing
- Physical and lifestyle factors that can have positive or negative effects on health and wellbeing:
- Social, emotional and cultural factors that can have positive or negative effect son health and wellbeing:
- Economic factors that can have positive or negative effects on health and wellbeing:
- Environmental factors that can have positive or negative effects on health and wellbeing:
- The impact of life events relating to relationship changes and changes in life circumstances.

B1 Physiological indicators

- Physiological indicators that are used to measure health:
- Using published guidance to interpret data relating to these physiological indicators.
- The potential significance of abnormal readings: risks to physical health.

B2 Lifestyle indicators

- Interpretation of life style data, specifically risks to physical health.

C1: Health and wellbeing improvement plans

- The importance of a person-centred approach that takes into account an individual's needs, wishes and circumstances.

C2 Obstacles to implementing plans

o emotional/psychological – lack of motivation, low self-esteem, acceptance of current state

o time constraints – work and family commitments

o availability of resources – financial, physical, e.g. equipment

o unachievable targets – unachievable for the individual or unrealistic timescale o lack of support, e.g. from family and friends

o other factors specific to individual – ability/disability, addiction

o barriers to accessing identified services.

Business and Enterprise

Enterprise: unit 3: Promotion and Finance for Enterprise

- Elements of the promotional mix and their purposes
- Targeting and segmenting the market
- Factors influencing the choice of promotional methods
- Financial documents
- Payment methods
- Sources of revenue and costs- including start up
- Terminology in financial statements- including assets and liabilities
- Statement of comprehensive income
- Statement of financial position
- Profitability and liquidity
- Cash flow data
- Financial forecasting including how to improve cashflow problems
- Break even analysis and break- even point- including being able to draw and label a break-even graph
- Sources of business finance- advantages and disadvantages

BTEC Art and Design Revision

Areas to revise:

Pop art movement, Contemporary graphic artists, Graphic terminology.

Keywords/terms:

Lettering font complementary colours asymmetrical
Functional context commercial animation medium hue
Pixel negative space alignment contrast simplification
vanishing point typography Photomontage visual language element drawing
harmonious colours

Useful websites and books to help with revision GCSE Photography:

<https://www.tate.org.uk/art/art-terms/p/pop-art>

<https://davidbarsalou.homestead.com/LICHTENSTEINPROJECT.html>

<https://www.creativeboom.com/tips/inspire-your-design-career-20-influential-designers-you-need-to-know/>

<https://www.canva.com/learn/graphic-design-inspiration-50-designers-you-should-know/>

<https://www.route1print.co.uk/design-hub/design-inspiration/20-famous-graphic-designers-who-changed-the-world>

GCSE Photography Revision

Areas to revise:

Composition rules, analysis, exposure, aperture, shutter speed, photoshop techniques

Keywords:

Photoshop digital portrait composition photo-shoot studio lighting editing
pattern surrealism

double exposure collage photomontage joiner research shutter speed

camera settings techniques typography space line texture mark making

Useful websites and books to help with revision GCSE Photography:

Researching on the internet and studying from books is essential for GCSE. The following research will support you:

Using books and magazines

Researching individual artists and photographers

Researching art movements using the internet

Exploring Pinterest.

Useful websites:

National Portrait Gallery

National Geographic

Tate Modern

Herbert Art Gallery, Coventry

Birmingham Museum and Art Gallery

Guardian - Photography

British Journal of Photography