



NESTON
HIGH SCHOOL



Year 10

CENTRE ASSESSED EXAM GUIDE

2023

RSL: Miss A Jones
SLT Link: Mrs H Waites

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ART SUBJECTS

Head of Art: Mr M Dolan

AQA GCSE (9-1) in Fine Art/Graphics/Textiles/Photography /Product Design

YEAR 10 Centre Assessed Exam

Number of Papers:

Length of Exam: 2 hours

Equipment Required:

No written exam - 2 Hours assigned for practical coursework

Staff Contact Information

Head of Department:	dolanm@nestonhigh.com
Fine Art :	bracer@nestonhigh.com carleyc@nestonhigh.com
Graphic Design:	carleyc@nestonhigh.com thomash@nestonhigh.com
Textiles:	holdena@nestonhigh.com
Photography:	dolanm@nestonhigh.com storeyj@nestonhigh.com
Product Design:	wilsons@nestonhigh.com



BUSINESS

Head of Business: Mr P Reilly

WJEC GCSE (9-1) in Business

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

- Business Activity (Chapter 1)
- Influences on Business (Chapter 2)
- Business Operations (Chapter 3)

REVISION RESOURCES/WEB LINKS

- Eduqas.co.uk
- BBC Bitesize (Eduqas exam board)
- Resources on Teams

Staff Contact Information

reillyp@nestonhigh.com



BUSINESS CNAT

Head of Business: Mr P Reilly

OCR Level 1/2 CNAT in Enterprise and Marketing

YEAR 10 Centre Assessed Exam

Number of Papers:

Length of Exam: 2 Hours

Equipment Required:

TOPIC AREAS TO REVISE

No exam, but students will be given 2 Hours to work on coursework.

REVISION RESOURCES/WEB LINKS

Staff Contact Information

birkett@nestonhigh.com

edwardsl@nestonhigh.com



CHILD DEVELOPMENT

Head of Department: Mr M Dolan

OCR Level 1/2 Cambridge National Certificate in Child Development

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- How to ensure a child -friendly safe environment.
- Hazards--physical, biological, fire, security
- recognition of accidents and the different types- burns, slips, falls, chocking, poisoning, drowning etc
- Accident preventions - Items that could be bought for the home e.g. stair gates etc
- Common accidents in the home and garden
- Road safety- Green cross code
- Importance of Safety labelling- BSI KITEMARK, LIONMARK, AGE WARNING, CE AND UKCA symbols, Children's nightwear labelling.

REVISION RESOURCES/WEB LINKS

- TEAMS/PowerPoints
- Class handouts

Staff Contact Information

griffithss@nestonhigh.com

COMPUTER SCIENCE

Head of ICT: Mr P Reilly

OCR GCSE (9-1) in Computer Science

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour 30 Mins

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- 1.1 Structure of a CPU
- 1.2 Data Representation and Storage
- 1.3 Networks
- 1.4 Network Security
- 1.5 Operating System

REVISION RESOURCES/WEB LINKS

- **Smart Revise** - [Smart Revise Online Home](#) - Smart Revise
- **Craig and Dave videos** - [GCSE OCR J277 Computer Science Videos – Craig 'n' Dave | Students \(craigndave.org\)](#)
- **PG Online revision book** - [GCSE OCR Computer Science: Exam Tutor \(ClearRevise OCR GCSE Exam Tutor J277\)](#); Amazon.co.uk: PG Online: 9781910523360: Books
- **PG Online text book** - [GCSE OCR Computer Science J277 Course textbook by PG Online KS4 Computing Exam Pass Complete Guide Officially Endorsed by OCR Examination Board : S Robson, PM Heathcote, PG Online: Amazon.co.uk: Books](#)

Staff Contact Information

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birkett@nestonhigh.com

A banner image for IT BTEC featuring a night cityscape with various digital icons overlaid, including a smartphone, a Wi-Fi symbol, a cloud, a house, a gear, a heart, and a family icon. A person's hand is shown interacting with a glowing digital interface.

IT BTEC

Head of ICT: Mr P Reilly

Pearson BTEC Level1/2 Tech Award in Digital Information Technology

YEAR 10 Centre Assessed Exam

Number of Papers:

Length of Exam: 2 Hours

Equipment Required:

TOPIC AREAS

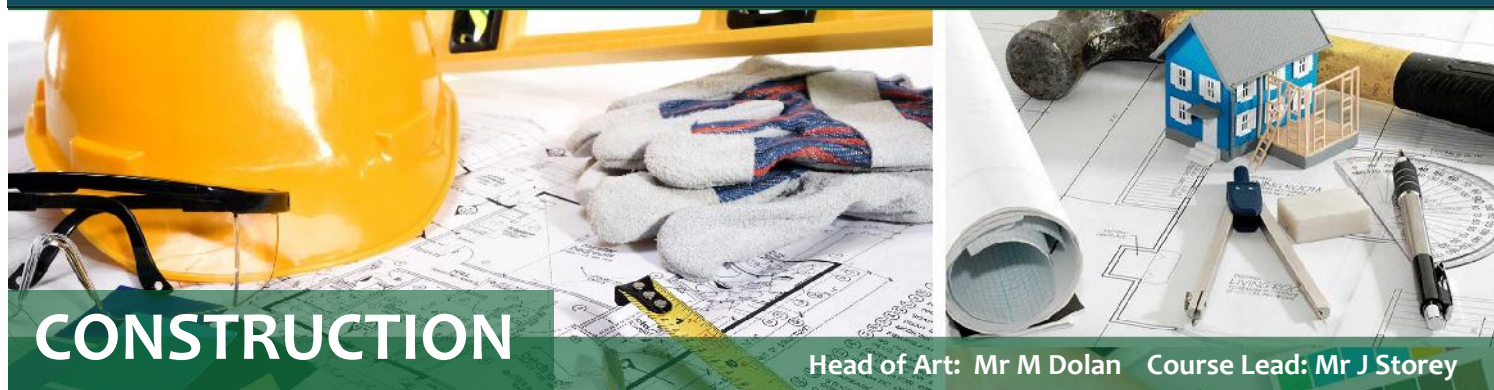
No written exam - 2 hours for coursework

REVISION RESOURCES/WEB LINKS

Staff Contact Information

reillyp@nestonhigh.com

clarec@nestonhigh.com



WJEC Level 1 /2 Vocational Award in Constructing the Built Environment

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour 30 Mins

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

- Renewable sustainable energies
- Job roles on a construction site
- Construction techniques
- Built environment infrastructures

REVISION RESOURCES/WEB LINKS

Separate revision booklet will be handed out before Easter and placed in TEAMS

Staff Contact Information

storeyj@nestonhigh.com



DANCE BTEC

Head of PE: Miss D. O'Hare

BTEC Level 1/Level 2 Tech Award in Performing Arts (Dance)

YEAR 10 Centre Assessed Exam

Number of Papers:

Length of Exam: 2 Hours

Equipment Required:

TOPIC AREAS TO REVISE

No Written exam but 2 Hours assigned for coursework

REVISION RESOURCES/WEB LINKS

Staff Contact Information

Head of Dance (Mrs E Hazler)

hazlere@nestonhigh.com



DRAMA

Head of Drama: Mrs L Baillie

AQA GCSE (9-1) in Drama

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1Hour 45Mins

TOPIC AREAS TO REVISE

- Re-read The Crucible text and all associated notes in red exercise books.
- Play Guides are available in Department to be used in lesson time and to borrow at home for revision purposes.
- Scaffolds and PPTs will be made available on Teams.
- Live Productions essays, scaffolds and notes are available in students' red exercise books and on Teams.

REVISION RESOURCES/WEB LINKS

- Play Guide for The Crucible available in Department.
- All relevant resources will be organised by LBA/HPR and made available on Teams.

Staff Contact Information

bailliel@nestonhigh.com



ENGINEERING BTEC

Head of Art: Mr M Dolan Course Lead Mr P Link

AQA GCSE (9-1) in Engineering

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 2 Hours

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- Engineering materials - properties, costs & supply, factors influencing design solutions.
- Systems - describing systems, mechanical systems, and electrical systems.
- Engineering Manufacturing Processes - Additive Manufacturing, Material Removal, Shaping, Casting and moulding, Jointing and assembly, Heat and chemical treatment, and Surface finishing.

REVISION RESOURCES/WEB LINKS

- Teams- class material folder
- My Revision Notes: AQA GCSE (9-1) Engineering (MRN): Amazon.co.uk: Anderson, Paul, Hills-Taylor, David: 9781510425729: Books
- AQA GCSE (9-1) Engineering: Amazon.co.uk: Anderson, Paul, Hills-Taylor, David, Griffiths, Mark: 9781510425712: Books

Staff Contact Information

linkp@nestonhigh.com

ENGLISH LANGUAGE

Head of English: Miss A. Mitchell

AQA GCSE (9-1) in English Language

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour 45 Mins

Equipment Required: Exam Pencil Case, Highlighter Pens

TOPIC AREAS TO REVISE

- Q1 – List 4 things
- Q2 – Language
- Q3 - Structure
- Q4 - Evaluate
- Q5 – Descriptive Writing

REVISION RESOURCES/WEB LINKS

- TEAMS
- Ex. books
- SENECA
- Mr Bruff

Staff Contact Information

Miss Mitchell – Curriculum Leader of English

mitchella@nestonhigh.com

cavanaghs@nestonhigh.com



ENGLISH LITERATURE

Head of English: Miss A. Mitchell

AQA GCSE (9-1) in English Literature

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour

Equipment Required: Exam Pencil Case, Highlighter Pens

TOPIC AREAS TO REVISE

Macbeth:

- Quotes
- Plot
- Context
- Methods

REVISION RESOURCES/WEB LINKS

- TEAMS
- Ex. books
- SENECA
- Mr Bruff

Staff Contact Information

Miss Mitchell – Curriculum Leader of English

mitchella@nestonhigh.com

cavanaghs@nestonhigh.com



FOOD PREPARATION & NUTRITION

Head of Department: Mr M Dolan

WJEC Eduqas GCSE (9-1) in Food Preparation and Nutrition

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour 45 mins

Equipment Required: Exam Pencil Case, Highlighter Pens

TOPIC AREAS TO REVISE

- Raising agents
- Nutrition – micro/macro nutrients
- Fermentation process
- Meat – nutritional value, shaping and forming, cooking reactions
- Special diets – vegan, vegetarian
- Sugar – impacts on the body
- Fibre – soluble and insoluble – Impacts on our health
- Dietary needs – lactose intolerance, coeliac etc
- Fruit
- Energy/energy balance – requirements for different energy needs
- Microbial growth – moulds, bacteria
- Storage/handling of high-risk foods
- Labelling
- Environmental awareness – food shopping.

REVISION RESOURCES/WEB LINKS

- BBC Bitesize
- NHS Website
- BNF Website
- Food fact of life

Staff Contact Information

Head of Food (Miss J Jones)

jonesj@nestonhigh.com



GEOGRAPHY

Head of Geography: Miss M Jones

WJEC Eduqas GCSE (9-1) in Geography A

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour 30 mins

Equipment Required: Exam Pencil Case, Highlighter Pens

TOPIC AREAS TO REVISE

Tectonics:

- Tectonic hazards
- Plate Boundaries
- Volcanoes (Mt St Helens, Mt Merapi)
- Earthquakes (Japan 2011, Haiti 2010, Boxing Day Disaster 2004)

Rural -Urban Links

- Rural characteristics
- Rural challenges
- Building on the Green Belt
- Population Changes
- UK Population Problems
- Immigration
- Growth and Decline of Liverpool
- Changes in Retail
- Growth of Mumbai (NIC)
- Mumbai Challenges
- Sustainable cities

REVISION RESOURCES/WEB LINKS

- Full Lesson Material on TEAMS
- Revision Clocks on TEAMS
- BBC Bitesize
- Eduqas A Geography GCSE Website has past papers, revision material, exam walk-through & knowledge organisers

Staff Contact Information

Head of Geography (Miss M Jones)

jonesm@nestonhigh.com



HISTORY

Head of History: Mr K Smith

Edexcel GCSE (9-1) in History

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour 20 Mins

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- Civil Rights in USA 1954-1975
- Vietnam War 1954-1975
- Failures of USA in Vietnam
- Achievements of the Civil Rights Movement

REVISION RESOURCES/WEB LINKS

- BBC Bitesize
- MS Teams
- SAM Learning
- Pearson revision guides and textbooks- all available online for students

Staff Contact Information

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salisburyk@nestonhigh.com

bartonk@nestonhigh.com

stratfordc@nestonhigh.com



HOSPITALITY & CATERING

Head of Department: Mr M Dolan

WJEC Level 1/2 Technical Award in Hospitality and Catering

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

Learners should be able to apply their knowledge of nutrition to:

Different life-stages: ie.

- adults; early, middle, late (elderly) • children; babies, toddlers, teenagers.

Special dietary needs for individuals who:

- require different energy requirements based on lifestyle, occupation, age or activity level
- require special diets
- have medical conditions; allergens, lactose intolerance, gluten intolerance, diabetes (type 2), cardiovascular disorder, iron deficiency
- have dietary requirements, such as religious beliefs
- are pescatarians, vegetarians, vegans.

REVISION RESOURCES/WEB LINKS

EDUQAS HOSPITALITY AND CATERING TEXTBOOK

BBC BITESIZE <https://www.bbc.co.uk/bitesize/topics/zfmpb9q/articles/zrfs6g8>

NHS Website <https://www.nhs.uk/live-well/eat-well/food-guidelines-and-food-labels/the-eatwell-guide/>

BNF LIFE STAGES AND LIFE CYCLES <https://www.nutrition.org.uk/life-stages/>

Better Health Website <https://www.betterhealth.vic.gov.au/health/healthyliving/food-and-your-life-stages>

Food fact of life power points and work sheets <https://www.foodafactoflife.org.uk/14-16-years/healthy-eating-14-16-years/nutritional-needs-through-life-14-16-years/>

Staff Contact Information

ionesj@nestonhigh.com

LANGUAGES French - German - Spanish

Head of Languages: Mr A Weston

AQA GCSE (9-1) French, German, Spanish

YEAR 10 Centre Assessed Exam

Number of Papers: Paper 1 (Listening, Reading & Translation), Paper 2 (Writing).

Length of Exam: Paper 1 (1.5 Hours) Paper 2 (1 Hour)

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- Me, my family and friends
- Technology in everyday life
- Free-time activities
- Food and eating out
- Past, present and future tenses so far

REVISION RESOURCES/WEB LINKS

- Quizlet: official GCSE vocabulary lists for all three languages, set out as revision lists, flashcards, memory activities etc. Students should focus on section one: Identity and Culture (four folders). Link on Teams.
- Exam practice questions to develop exam technique.

BBC Bitesize:

- [GCSE Spanish - AQA - BBC Bitesize](#)
- [GCSE German - BBC Bitesize](#)
- [GCSE French - AQA - BBC Bitesize](#)

Staff Contact Information

- Spanish: burgesse@nestonhigh.com skeoch-londonod@nestonhigh.com garciaj@nestonhigh.com
- French: lees@nestonhigh.com
- German: pickeringk@nestonhigh.com



MATHEMATICS

Head of Mathematics: Mrs E Metcalfe

OCR GCSE (9-1) in Mathematics

YEAR 10 Centre Assessed Exam

Number of Papers: 2

Length of Exam: 2 x 45mins

Equipment Required: Calculator, Ruler, Protractor, Compass

TOPIC AREAS TO REVISE

GCSE contents checklist supplied by Maths teachers which covers entire course—see following pages for Higher and Foundation Checklists.

Teachers have explained how to use the checklists, their books and Maths Watch for revision.

REVISION RESOURCES/WEB LINKS

- Mathswatch
- Past papers

Staff Contact Information

Head of Maths

Mrs E Metcalfe - metcalfee@nestonhigh.com

Maths Foundation Checklist

The topics below will appear in your end of year assessment. Use this list as a checklist for your revision. This assessment is constructed entirely from past GCSE exam paper questions so it will give you experience of the exam standard you need to reach in year 11. It will identify areas of strength and development for you to then work on in class and independently.

The assessment will be two papers one calculator (you are expected to bring your own) and one non-calculator with extra-time and all other exam access arrangements provided for those who have been assessed formally in school.

You can use your classwork books to revise by finding each topic (your teacher can help you with this) reading the notes made and then redoing questions completed in lesson so you can get your subject knowledge back up to the standard you were at when you learnt the topic in lesson. Some of these topics will also have been in homework sheets and possibly previous assessments so these can also be used for revision.

The numbers at the end of each topic are the Mathswatch clip numbers so you can watch the video to revise the topic or the 1-minute video as a refresher and then try their online practice questions to test yourself. Remember you can see your teacher for support if you come across topics or questions you need help with.

PAPER 1: Calculator Paper

Number Topics:

- Know even/odd, square & prime numbers 28, 81, 82
- Rounding to the nearest hundred 31
- Product of prime factors 78
- HCF / LCM from a worded real life scenario 79, 80
- Standard form 83

Ratio & Proportion Topics:

- Find the percentage of an amount with a calculator 86
- Repeated percentage change 108
- Compare between fractions and decimals using $<$, $>$ & $=$ signs 84, 85
- Using a map scale to convert a length on the map to a distance in real life 38
- Convert between a fraction and a ratio 107
- Write a ratio in the form 1 : n 107
- Proportion - recipes 39

Algebra Topics:

- Simplify an expression by collecting like terms 33
- Change the subject 136
- Substitution into expressions and kinematic formulae, e.g. $v = u + at$ 95
- Coordinates 8
- Basic linear graphs 96

Geometry Topics:

- Pythagoras' Theorem 150
- Metric unit conversion, e.g. $1\text{kg} = 1000\text{g}$, $1\text{km} = 1000\text{m}$, $1\text{m} = 100\text{cm}$ 112

Statistics Topics:

- Scatter Diagrams including outliers, using a line of best fit and when not reliable 129

PAPER 2: Non-Calculator Paper

Number Topics:

- Problems involving money calculations 22
- BIDMAS 75
- square and cube numbers and their roots 81
- Rules of indices including negative indices 82, 154
- Round to decimal places, significant figures 32, 90

Ratio & Proportion Topics:

- Convert between fractions, percentages and decimals 84, 85
- Find a fraction between two fractions 25, 70
- Adding fractions and mixed numbers 71
- Multiplying fractions 73
- Find one amount as a percentage of another without calc 89
- Combine two ratios 106

Algebra Topics:

- Factorise with single bracket including two factors outside the bracket 94
- Multiply out a single bracket 93, 134
- Expand and simplify two brackets 93, 134
- Solve linear equations 135
- Fibonacci Sequences 141

Statistics Topics:

- Tally & Bar charts 15
- Mean, mode, median and range including working backwards to find original list of numbers 62

Year 10 Exam Week Revision List: Higher

The topics below will appear in your end of year assessment. Use this list as a checklist for your revision. This assessment is constructed entirely from past GCSE exam paper questions so it will give you experience of the exam standard you need to reach in year 11. It will identify areas of strength and development for you to then work on in class and independently.

The assessment will be two papers one calculator (you are expected to bring your own) and one non-calculator with extra-time and all other exam access arrangements provided for those who have been assessed formally in school.

You can use your classwork books to revise by finding each topic (your teacher can help you with this) reading the notes made and then redoing questions completed in lesson so you can get your subject knowledge back up to the standard you were at when you learnt the topic in lesson. Some of these topics will also have been in homework sheets and possibly previous assessments so these can also be used for revision.

The numbers at the end of each topic are the Mathswatch clip numbers so you can watch the video to revise the topic or the 1-minute video as a refresher and then try their online practice questions to test yourself. Remember you can see your teacher for support if you come across topics or questions you need help with.

PAPER 1: Calculator Paper

Number Topics:

- Product of prime factors 78
- HCF / LCM 79, 80
- Using a calculator 77
- Standard form 83
- Bounds 132, 155

Ratio & Proportion Topics:

- Reverse percentages (finding the original amount) 110

Algebra Topics:

- Form and solve simultaneous equations 162
- Factorise quadratics with double brackets, use to solve quadratic equations 157, 192
- Solve algebraic equations by the quadratic formula 191
- Completing the square 209
- Substitution 95
- Linear graphs: gradient, equation, parallel lines 96, 97, 159
- Quadratic graphs 98

Geometry Topics:

- Area and perimeter of shapes involving circles or parts of circles 117, 118, 149, 167

PAPER 2: Non-calculator Paper

Number Topics:

- Rules of indices including negative and fractional indices 82, 154, 188
- Surds (including simplifying and rationalizing the denominator) 207

Ratio & Proportion Topics:

- Multiplying fractions 73
- Repeated percentage change (exponentials) and compound interest 108, 164
- Write a ratio when amounts are given in different units in the question 107, 112
- Write a ratio in the form 1 : n 107
- Combine two ratios 106

Algebra Topics:

- Expand and simplify triple brackets 178
- Factorise with single bracket including two factors outside the bracket 94
- Change the subject 136
- Simplify algebraic fractions including by factorising and cancelling common factors 210
- Add and subtract algebraic fractions 210
- Solve linear equations and inequalities 135, 139

Statistics Topics:

- [Mean, mode, median and range including working backwards to find original list of numbers 62](#)
- Probability problems requiring a frequency diagram or Venn diagram to solve 127



Media Studies

Head of Media: Mrs T Whitehouse

WJEC Eduqas GCSE (9-1) in Media Studies

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour

Equipment Required: Exam Pencil Case and highlighter

TOPIC AREAS TO REVISE

Media Language

- GQ magazine
- Pride magazine

Representation

- This Girl Can advert
- Quality Street advert
- Unseen adverts

REVISION RESOURCES/WEB LINKS

[GCSE Media - Pride Magazine - Media Language & Representation - YouTube](#)

[GCSE Media - This Girl Can - Representation - A guide for students & teachers - YouTube](#)

[GCSE Media - Quality Street Advert -- Representation - A Guide for Students & Teachers - YouTube](#)



GCSE Media - Quality Street Advert -- Representation - YouTube

A comprehensive guide to how to understand and analyse the representations in the set Quality Street advert for GCSE Media Studies on the Eduqas exam board.

www.youtube.com

Staff Contact Information

Head of Media Studies: whitehouse@nestonhigh.com

Head of Department: mitchella@nestonhigh.com



MUSIC Practice BTEC

Head of Music: Mr A Griffith

Pearson BTEC Tech Award Level1/Level2 in Music Practice

YEAR 10 Centre Assessed Exam

Number of Papers:

Length of Exam: 2 Hours

Equipment Required:

TOPIC AREAS TO REVISE

No Written exam— 2 hours to complete any outstanding coursework for component 1

REVISION RESOURCES/WEB LINKS

Staff Contact Information

Head of Music: griffitha@nestonhigh.com



PHYSICAL EDUCATION

Head of PE: Miss D. O'Hare

AQA GCSE (9-1) in Physical Education

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour 15 mins

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

Year 10 Learning topics:

Types of Training / Fitness Testing / Components of Fitness / Warmups / Cool downs /
Principles of Training / Aerobic and anaerobic exercise / Body systems

REVISION RESOURCES/WEB LINKS

- Everlearner website-all students have access to this. If they forget their log in, click forget password and an email will be sent to their school email to reset
- [GCSE Physical Education - AQA - BBC Bitesize](#)
- CPG for AQA GCSE Physical Education Flashcards/revision book and workbook- available to buy from scocpay and pick from your PE teacher in Grenfell Staffroom

Staff Contact Information

wallacek@nestonhigh.com

cairnse@nestonhigh.com

blakemorem@nestonhigh.com

Sport BTEC

Head of PE: Miss D. O'Hare

Pearson BTEC Level 1/2 First Award in Sport

YEAR 10 Centre Assessed Exam

Number of Papers:

Length of Exam: 2 Hours

Equipment Required: PE Kit

TOPIC AREAS TO REVISE

No Written exam - 2 Hour Practical only

REVISION RESOURCES/WEB LINKS

Staff Contact Information

Mr Kelly – kellys@nestonhigh.com

Mr Sanderson – sandersonp@nestonhigh.com

Mr Sidwell – sidwellg@nestonhigh.com

RELIGIOUS STUDIES

Head of Humanities: Miss J Duggan
Head of Religious Studies: Miss L Harris

AQA GCSE (9-1) in Religious Studies Specification A

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1Hour 45Mins

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- Christian Beliefs
- Christian Practices
- Theme A
- Theme B

Students have been given a checklist.

REVISION RESOURCES/WEB LINKS

All resources on teams – links to Powerpoints and BBC Bitesize and Seneca Quizzes.

Staff Contact Information

harrisl@nestonhigh.com

armstronge@nestonhigh.com

SCIENCE TRILOGY

Head of Science : Mrs S Westoby

AQA GCSE (9-1 Double Award) in Combined Science

YEAR 10 Centre Assessed Exam

Number of Papers: 3 (1x Biology, 1x Chemistry, 1x Physics)

Length of Exam: 1 hour 15 mins

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

Biology Paper 1

Cell Biology
Organisation
Infection and response
Bioenergetics

Chemistry Paper 1

Atomic structure and the periodic table
Bonding, structure, and the properties of matter
Quantitative chemistry
Chemical changes
Energy Changes

Physics Paper 1

Energy
Electricity
Particle model of matter
Atomic structures

REVISION RESOURCES/WEB LINKS

- Exam board website www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464
- Combined Science specimen papers www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources
- Free science lessons www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw
- Senecalearning.com
- Samlearning.com Log on instructions are : Centre ID CH64NH Username and password are your date of birth and initials e.g. David Jones 1st August 2008 is written as 010808DJ
- [GCSE Combined Science - AQA Trilogy - BBC Bitesize](#)

Staff Contact Information

Mrs G Plimley (Second in charge of Science)
plimleyg@nestonhigh.com



BIOLOGY

Head of Science: Mrs S Westoby

AQA GCSE (9-1) in Biology

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 hour 45 mins each

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

Paper 1

- Cell Biology
- Organisation
- Infection and response
- Bioenergetics

REVISION RESOURCES/WEB LINKS

- Required practical summary sheets and practice exam papers and mark schemes can be found in: Teams / Science class / resources - student / Year 10 / Separates / Biology
- **Sam Learning:** Use Sam Learning to revise and for the Paper 1 Science exams www.samlearning.com
Log on instructions are : Centre ID CH64NH Username and password are your date of birth and initials e.g. David Jones 1st August 2008 is written as 010808DJ
- GCSE Biology (Single Science) - AQA - BBC Bitesize
<https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7>
- Seneca Learning

Staff Contact Information

Mrs A McKenzie Head of Biology
mckenziea@nestonhigh.com

CHEMISTRY

Head of Science: Mrs S Westoby

AQA GCSE (9-1) in Chemistry

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 hour 45 mins each

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

Paper 1

- Atomic structure and the periodic table
- Bonding, structure, and the properties of matter
- Quantitative chemistry
- Chemical changes
- Energy changes

REVISION RESOURCES/WEB LINKS

- Required practical summary sheets and practice exam papers and mark schemes can be found in: Teams / Science class / resources - student / Year 10 / Separates / Chemistry
- **Sam Learning:** Use Sam Learning to revise and for the Paper 1 Science exams www.samlearning.com
Log on instructions are : Centre ID CH64NH Username and password are your date of birth and initials e.g. David Jones 1st August 2008 is written as 010808DJ
- GCSE Chemistry (Single Science) - AQA - BBC Bitesize
<https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb>
- Seneca Learning

Staff Contact Information

Mr C Scutter Head of Chemistry

scutterc@nestonhigh.com

PHYSICS

Head of Science: Mrs S Westoby

AQA GCSE (9-1) in Physics

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1hour 45 mins each

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

Paper 1

- Energy
- Electricity
- Particle model of matter
- Atomic structure

REVISION RESOURCES/WEB LINKS

- Required practical summary sheets and practice exam papers and mark schemes can be found in: Teams / Science class / resources - student / Year 10 / Separates / Physics
- **Sam Learning:** Use Sam Learning to revise and for the Paper 1 Science exams www.samlearning.com
Log on instructions are : Centre ID CH64NH Username and password are your date of birth and initials e.g. David Jones 1st August 2008 is written as 010808DJ
- GCSE Physics (Single Science) - AQA - BBC Bitesize
<https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm>
- Seneca Learning

Staff Contact Information

Mr R Orme Head of Physics
ormer@nestonhigh.com



AQA GCSE (9-1) in Sociology

YEAR 10 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 1 Hour

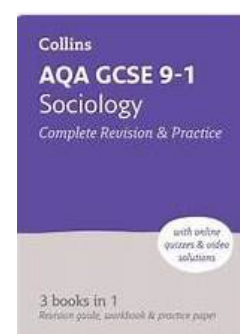
Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- **Definitions:** what are families, kinship, etc?
- **Nuclear family:** importance (cereal packet); changes over time (diversity).
- **Theories** of the family: functionalism; Marxism; feminism.
- **Divorce:** changes over time and reasons for these changes.
- **Role relationships** in families: conjugal roles / domestic division of labour; the role played by grandparents.
- **KEY TEXT:** Eli Zaretsky.
- Research methods: ethical issues; mixed method approach.

REVISION RESOURCES/WEB LINKS

- All textbook pages are on Teams in Student Resources / 1. GCSE Resources / Paper 1 Sociology of Families.
- The Sociology Guy has some good online content
[GCSE Sociology – The Sociology Guy](#)
- The revision guide to the right has core content and practice questions



Staff Contact Information

Miss Vining, Head of Department

viningc@nestonhigh.com



Year 10 Centre Assessed Exams Timetable

Friday 21st April – Friday 5th May

	Fri 21 st April	Mon 24 th April	Tues 25 th April	Wed 26 th April	Thurs 27 th April	Fri 28 th April	Mon 1 st May	Tues 2 nd May	Wed 3 rd May	Thurs 4 th May	Fri 5 th May
Period 1			IT BTEC (2 hours) Music (2 hours) Food GCSE (1 hr 45) Child Development (1 hour) Hospitality & Catering (1 hour)	PE BTEC Practical (2 hours) PE GCSE (1 hr 15) Computer Science (1 hr 30)	English Literature (1 hour)	Inset Day					
Period 2	Geography (1 hr 30)	Sociology (1 hour)				Bank Holiday					
BREAK											
Period 3	Business GCSE (1 hour) Photography (2 hours)	English Language (1 hr 45)	Physics (Separates 1 hr 45 Combined 1 hr 15)	Maths Paper 1 (45 mins)	History (1 hr 20)	Bank Holiday					
Period 4						Bank Holiday					
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My Revision Planner

**YEAR 10
CENTRE ASSESSED
EXAM GUIDE
2023**

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My Revision Planner

**YEAR 10
CENTRE ASSESSED
EXAM GUIDE
2023**



SUNDAY							
SATURDAY							
FRIDAY							
THURSDAY							
WEDNESDAY							
TUESDAY							
MONDAY							
TIME							

Headteacher: Mr K Simpson
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Tel: 0151 336 3902 www.nestonhigh.com



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