



Year 13

January 2023

CAE Information Booklet

Assessment Lead: Mrs H Waites (Assistant Head)

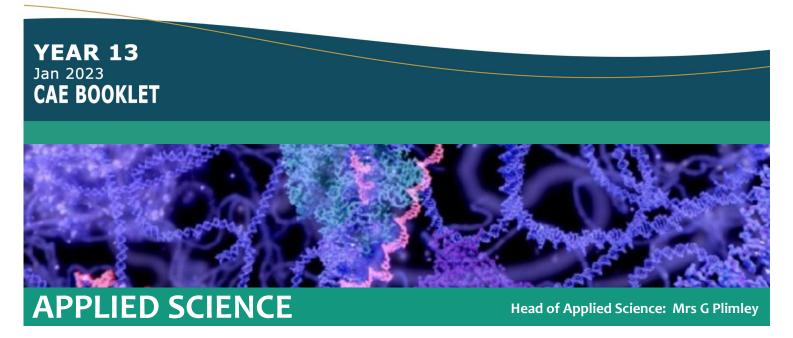
Head of Sixth Form:

Mr L Burton

Head of Year 13:

Mr M Blakemore

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Pearson level 3 National Extended Certificate in Applied Science

YEAR 13 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 2Hours 15Mins (Part A: 45 Mins - Part B: 1Hour 30Mins)

Equipment Required: Exam Pencil Case, Scientific Calculator

TOPIC AREAS TO REVISE

Diffusion of molecules

Electrical circuits

Energy content of fuels

Enzymes in action

Plants and their environment

Skills

Planning a scientific investigation

Data collection, processing and analysis/

interpretation

Drawing conclusions and evaluation

REVISION RESOURCES/WEB LINKS

• Seneca Learning

Staff Contact Information

Mrs G Plimley: plimleyg@nestonhigh.com



AQA Advanced GCE (A Level) in Fine Art/Graphics/Textiles/Photography / Product Design

YEAR 13 Centre Assessed Exam

Number of Papers: o

Length of Exam: 2 Hours

As there is no written Exam in this subject, students will be given a 2 hour block of time under exam conditions to work on their Personal Investigation (coursework) submission date 31st January

Art rooms – FA – 121/155, Graphics – 114, Photography -119, Textiles - 120

Staff Contact Information

Head of Department: <u>dolanm@nestonhigh.com</u>

Fine Art : <u>bracer@nestonhigh.com</u>

carleyc@nestonhigh.com

Graphic Design: carleyc@nestonhigh.com

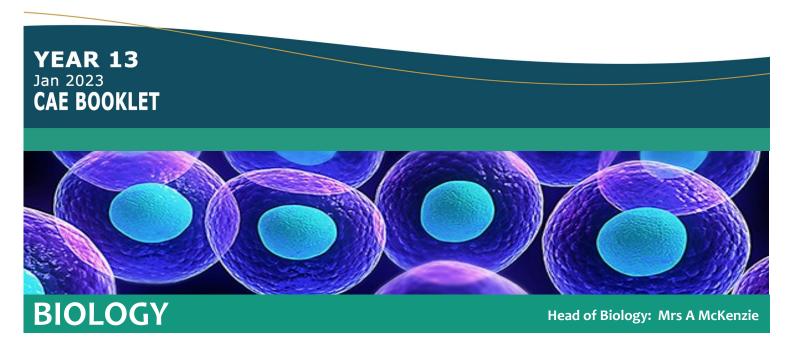
thomash@nestonhigh.com

Textiles: holdena@nestonhigh.com

Photography: <u>dolanm@nestonhigh.com</u>

storeyj@nestonhigh.com

Product Design: <u>wilsons@nestonhigh.com</u>



AQA Advanced GCE (A Level) in Biology

YEAR 13 Centre Assessed Exam

Number of Papers: 2

Length of Exam: 2 Hours

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- 1. Biological molecules
- 2. Cells
- 3. Organisms exchange substances with their environment
- 4. Genetic information, variation and relationships between organisms
- 5. Energy transfers in and between organisms (A-level only)
- 6. Organisms respond to changes in their internal and external environments (A-level only)
- 7. Genetics, populations, evolution and ecosystems (A-level only)

REVISION RESOURCES/WEB LINKS

- Seneca Learning
- AQA A-level Biology Revision PMT (physicsandmathstutor.com)

Staff Contact Information

mckenziea@nestonhigh.com



WJEC Advanced GCE (A Level) in Business

YEAR 13 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 2 Hours 15 mins

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

- · Data analysis
- Market analysis
- Sales forecasting
- Analysing financial performance
- Analysing non-financial performance

- Aims and objectives
- Strategy and implementation
- · Decision-making models
- Investment appraisal
- Special orders

REVISION RESOURCES/WEB LINKS

Edugas

Tutor₂U

Teams

R:\Curriculum\Business\WJEC A Level Business

Staff Contact Information

reillyp@nestonhigh.com



OCR L3 Cambridge Technical (CTEC) in Business

YEAR 13 Centre Assessed Exam

Number of Papers: Coursework

Length of Exam: 2 Hours

Equipment Required: Exam Pencil Case

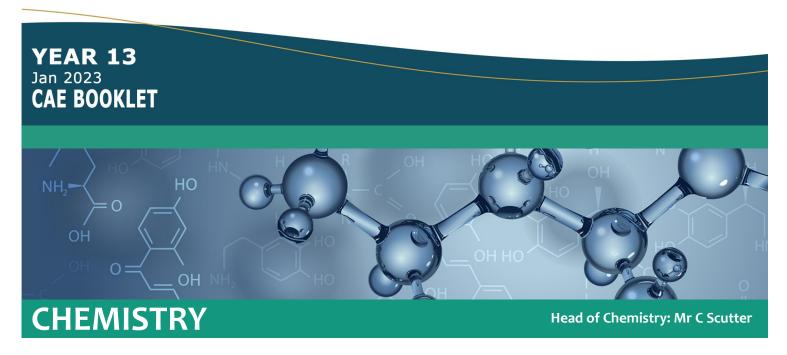
TOPIC AREAS TO REVISE

Students have been allocated 2 Hours for coursework completion

REVISION RESOURCES/WEB LINKS

Staff Contact Information

reillyp@nestonhigh.com edwardsl@nestonhigh.com



AQA Advanced GCE (A Level) in Chemistry

YEAR 13 Centre Assessed Exam

Number of Papers: 2

Length of Exams: 2 Hours

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

Paper 1 - Inorganic and Physical

Paper 2 - Organic and Physical

3.1.1 Atomic structure

3.1.2 Amount of substance

3.1.3 Bonding

3.1.4 Energetics

3.1.5 Kinetics

3.1.6 Chemical equilibria, Le Chatelier's principle and K_c

3.1.7 Oxidation, reduction and redox equations

3.1.9 Rate equations (A-level

only) 3.1.10 Equilibrium constant K_p for homogeneous systems (A-level

only)

3.1.12 3.2.1 Periodicity

3.2.2 Group 2, the alkaline earth metals

3.2.3 Group 7(17), the halogens3.2.4 Properties of Period 3 elements and their oxides

(A-level only)

3.3.1 Introduction to organic

chemistry

3.3.2 Alkanes

3.3.3 Halogenoalkanes

3.3.4 Alkenes 3.3.5 Alcohols

3.3.6 Organic analysis

3.3.7 Optical isomerism

(A-level only) 3.3.8 Aldehýdes and ketones (

A-level only)

3.3.9 Carboxylic acids and derivatives (A-level only) 3.3.10 Aromatic chemistry

(A-level only)

3.3.11 Amines (A-level only)
3.3.12 Polymers (A-level only)
3.3.13 Amino acids, proteins and

DNA (A-level only)

REVISION RESOURCES/WEB LINKS

- examqa.com
- Seneca.com
- Savemyexams.co.uk
- studymind.co.uk
- AQA.com

Staff Contact Information

scutterc@nestonhigh.com



OCR Advanced GCE (A Level) in Computer Science

YEAR 13 Centre Assessed Exam

Number of Papers: 2

Length of Exams: 2 Hours

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- 1.1 The characteristics of contemporary processors, input, output, and storage devices
- 1.2 Software and software development
- 1.3 Exchanging data
- 1.4 Data types, data structures and algorithms
- 1.5 Legal, moral, cultural, and ethical issues
- 2.1 Elements of computational thinking
- 2.2 Problem solving and programming
- 2.3 Algorithms

REVISION RESOURCES/WEB LINKS

- Smart Revise website
- · Craig and Dave Youtube videos
- PG online textbook

Staff Contact Information

clarec@nestonhigh.com

birkettt@nestonhigh.com



ENGLISH LANGUAGE

Head of English: Miss A. Mitchell

AQA Advanced GCE (A Level) in English Language

YEAR 13 Centre Assessed Exam

Number of Papers: 2

Length of Exam: Paper 1 (2Hours 30 Mins) Paper 2 (1 Hour 45 Mins)

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

Paper 1: Paper 2:

Meanings and representations

Child Language Development

Language and Region

Language Change

REVISION RESOURCES/WEB LINKS

- Teams
- Student textbooks
- Mr Bruff—YouTube
- AQA A-Level English Language Past Papers Revision World
- AS Level Language and Gender | Revision YouTube
- A LEVEL ENGLISH LANGUAGE REGIONAL VARIATIONS YouTube
- Language Change Revision YouTube
- CHILD LANGUAGE ACQUISITION: Key Theories YouTube

Staff Contact Information

Miss Mitchell – Curriculum Leader of English mitchella@nestonhigh.com whitehouset@nestonhigh.com



AQA Advanced GCE (A Level) in English Literature

YEAR 13 Centre Assessed Exam

Number of Papers: 2

Length of Exam: Paper 1 (2Hours 30 Mins) Paper 2 (2Hours)

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

Paper 1:

- Richard II
- King Lear
- The Great Gatsby

Paper 2:

- The Handmaid's Tale
- Harvest

REVISION RESOURCES/WEB LINKS

- Teams
- Mr Bruff YouTube
- AQA | English | AS and A-level | English Literature B
- Richard II Study Guide | Literature Guide | LitCharts
- King Lear Study Guide | Literature Guide | LitCharts
- The Great Gatsby Study Guide | Literature Guide | LitCharts
- The Handmaid's Tale Study Guide | Literature Guide | LitCharts
- Harvest Study Guide | Literature Guide | LitCharts

Staff Contact Information

Miss Mitchell – Curriculum Leader of English mitchella@nestonhigh.com





GEOGRAPHY

Head of Humanities: Miss J Duggan Head of Geography: Miss M Jones

Edexcel Advanced GCE (A Level) in Geography B

YEAR 13 Centre Assessed Exam

Number of Papers: 2 (Paper 1: Physical, Paper 2: Human)

Length of Exams: 1 Hour 45 mins

Equipment Required: Exam Pencil Case, Calculator

Paper 1: Physical - TOPIC AREAS TO REVISE

Paper 1: Glaciation & Water Insecurity

Paper 2: Diverse Places & Superpowers & Globalisation

REVISION RESOURCES/WEB LINKS

- TEAMs- all lesson resources
- PMT online essential notes:
- Edexcel A-level Geography Revision PMT (physicsandmathstutor.com)
- Internetgeography.co.uk

Staff Contact Information

Head of Geography (Mr S Jones) joness@nestonhigh.com

Paper 1 Miss M Jones jonesm@nestonhigh.com

Paper 1 Mr S Jones joness@nestonhigh.com

Paper 2 Mrs S Prescott prescotts@nestonhigh.com

Paper 2 Mrs F Britton brittonf@nestonhigh.com



HISTORY

Head of Humanities: Miss J Duggan Head of History: Mr K Smith

AQA Advanced GCE (A Level) in History

YEAR 13 Centre Assessed Exam

Number of Papers: 2

Length of Exams: 2 Hours

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

Tudors USSR

Henry VII Revolutions

Edward VI Soviet state
Mary I Civil war

Key themes for all:

1. Consolidation of power Power struggle
2. Government Collectivisation

3. Foreign policy Industrialisation4. Society and rebellion Revision sites

5. Economy and change6. Religious development

REVISION RESOURCES/WEB LINKS

Bitesize

- AQA assessment materials
- · Revision guides
- Textbooks

Staff Contact Information

smithk@nestonhigh.com bartonk@nestonhigh.com

dugganj@nestonhigh.com ormondm@nestonhigh.com



OCR Level 3 Cambridge Technical in IT

YEAR 13 Centre Assessed Exam

Number of Papers: Coursework

Length of Exams: 2 Hours

Equipment Required:

IT CTEC

TOPIC AREAS TO REVISE

Students have been allocated 2 Hours for coursework completion

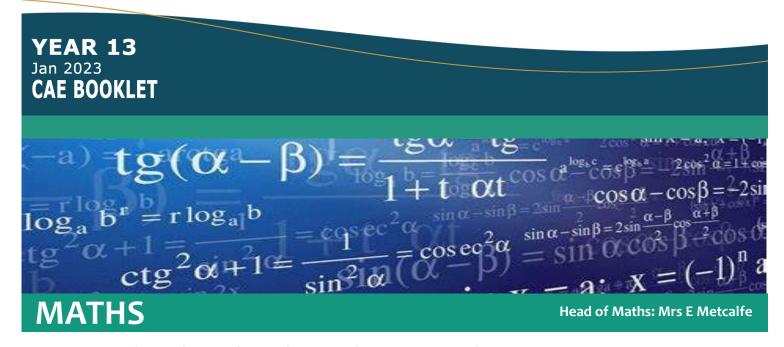
REVISION RESOURCES/WEB LINKS

Staff Contact Information

clarec@nestonhigh.com

steeplesa@nestonhigh.com

Head of ICT: Mr P Reilly



Pearson Edexcel Level 3 Advanced GCE in Mathematics

YEAR 13 Centre Assessed Exam

Number of Papers: 2

Length of Exams: paper 1 (2 Hours) paper 2 (Split 2 Hours)

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

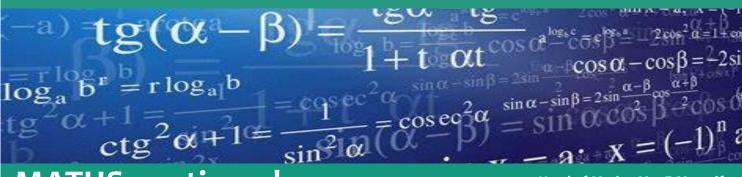
PURE:

- Differentiation (Y12)
- Trig, proof & Solving (Y12)
- Factor Theorem
- Binomial (Y13)
- Functions; Quadratics, Ranges, Domains, Composites & Inverses.
- Log & Exponential Modelling
- Linear Modelling
- Logs
- Proof
- Sequences; Geometric, Sigma Notation
- Simplifying expressions (Indices)
- Vectors (Y12); proof/ratio

STATISTICS:

- PMCC
- Modelling & Regression lines
- Histogram
- Measures of location and spread
- Sampling
- Discrete Random Variables
- Binomial Distribution
- Conditional Probability

Continued overleaf



MATHS continued.....

Head of Maths: Mrs E Metcalfe

TOPIC AREAS TO REVISE

MECHANICS:

- Forces in 2D
- Statics, involving gravity
- Moments
- N2L (Resultant Force = Ma)
- Constant Acceleration (including Velocity/time graph)
- Variable Acceleration (Y12)
- Connected Particles
- Resolving & Friction
- Moments

REVISION RESOURCES/WEB LINKS

- Activelearn/Pearson Textbook
- Integral.com
- DrFrostMaths.com
 - Particularly recommend the 'full coverage' collections of questions
 - Can also do topic refreshers
- Your notes!

Staff Contact Information

Mr Godson godsong@nestonhigh.com



MEDIA STUDIES

Head of English: Miss A Mitchell

WJEC Advanced GCE (A Level) in Media Studies

YEAR 13 Centre Assessed Exam

Number of Papers: 2

Length of Exam: Paper 1 (1Hour 45Mins) Paper 2 (1Hour 40Mins)

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

Component 1:

- Unseen music videos
- Unseen film posters
- Kiss of the Vampire
- Daily Mirror
- The Times
- Water Aid

Component 2:

- Woman's Realm
- Huck
- Humans
- The Returned

REVISION RESOURCES/WEB LINKS

- Teams
- You Tube: Mrs Fisher Mrs Fisher YouTube
- AS and A Level Media Studies | Eduqas

Staff Contact Information

Miss Harpin harpint@nestonhigh.com Miss Jolley – jolleyl@nestonhigh.com



AQA Advanced GCE (A Level) in Physical Education

YEAR 13 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 2 Hours

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

Paper 1 - All topic areas from Year 12 Learning from:

Anatomy & Physiology Skill Acquisition

Training Methods

Body Systems

- Skill, skill continuums &transfer of
- Learning & Performance
- Information processing

Sport and Society:

- Popular Recreation
- Rational Recreation
- Development of Sport into 21st Century
- Sociological terminology
- Sport England and underrepresented groups

REVISION RESOURCES/WEB LINKS

- The Everlearner.com all students have online access to this. If you can't log in, go to the forgotten password link and you will be able to re-set via your school email account
- AQA Paper 1 Workbook- all students have own copy of this
- AQA PE Revision book
- Lesson notes and photocopies
- Past exam question Ppoint- Paper 1 found in: Teams/Student resources/ A Level/ Year 13/ Paper 1-PE exam questions- complete

Staff Contact Information

Curriculum leader: Miss O'Hare

Mrs Waites

Mr M Blakemore

ohared@nestonhigh.com

waitesh@nestonhigh.com

blakemorem@nestonhigh.com



Pearson Advanced GCE (A Level) in Physics

YEAR 13 Centre Assessed Exam

Number of Papers: 2

Length of Exam: 2 Hours

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

Paper 1

- Units
- measurements and their errors
- particle physics
- Mechanics
- Electricity
- Waves
- · periodic motion

Paper 2

- Nuclear physics
- Gravitational and Electric fields
- Practical skills

REVISION RESOURCES/WEB LINKS

AQA | A Level Physics (alevelphysicsonline.com)

A level Physics notes (free) - detailed notes covering all core topics (physicstutoronline.co.uk)

Staff Contact Information

Mr Orme <u>ormer@nestonhigh.com</u>
Mr Bryant <u>bryantp@nestonhigh.com</u>



PSYCHOLOGY

Head of Psychology: Mrs B Robinson

Pearson Advanced GCE (A Level) in Psychology

YEAR 13 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 2 Hours

Equipment Required: Exam Pencil Case, Calculator

TOPIC AREAS TO REVISE

Clinical Psychology

- Symptoms of schizophrenia
- Explanations of schizophrenia
- Reliability of diagnosis
- Measures of central tendency
- Clinical interview method
- 4 D's of diagnosis
- Carlsson's contemporary study for Schizophrenia

Criminal Psychology

- Cognitive-behavioural treatment for offenders
- Developmental explanations for criminal/ anti-social behaviour
- · Cognitive interview method

REVISION RESOURCES/WEB LINKS

- Student resources in Psychology MS Teams
- Psychology Wizard website <u>PSYCHOLOGY WIZARD</u>
- Edexcel website: Edexcel AS and A level Psychology 2015 | Pearson qualifications

Staff Contact Information

Mrs B Robinson robinsonb@nestionhigh.com



RELIGIOUS STUDIES

Head of Religious Studies: Miss L Harris

OCR Advanced GCE (A Level) in Religious Studies

YEAR 13 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 2 Hours

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- Ethics Metaethics, Conscience, Sexual Ethics.
- Philosophy Religious language, apophatic and cataphatic way; Religious experience; Soul Mind and Body.
- Development of Christian Thought Augustine's teaching on human nature, Knowledge of God and the Person of Jesus.

REVISION RESOURCES/WEB LINKS

• All revision resources on teams.

Staff Contact Information

harrisl@nestionhigh.com



AQA Advanced GCE (A Level) in Sociology

YEAR 13 Centre Assessed Exam

Number of Papers: 2

Length of Exam: Paper 3 (2 Hours) Paper 2 (1 Hour)

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

PAPER 2: BELIEFS IN SOCIETY

- Theories of religion
- Religion and social change
- Explanations for secularisation and arguments against secularisation.

PAPER 3: CRIME AND DEVIANCE WITH THEORY AND METHODS

Crime and Deviance:

- Functionalist and interactionist theories of deviance and crime
- Marxist theories of crime / crimes of the powerful
- Right and left realist theories of crime

Theory and Methods:

- · Qualitative research methods
- · Marxist theories of society.

REVISION RESOURCES/WEB LINKS

- All students have their AQA A level Book 2 textbook
- Tutor2u have a range of revision videos which students can access:

https://www.tutor2u.net/live/aga-a-level-sociology-advance-info-2022-revision-blast-beliefs-theories-of-religion

https://www.tutor2u.net/live/a-level-sociology-exam-skills-live-secularisation-beliefs-in-society

https://www.tutor2u.net/sociology/collections/crime-and-deviance-student-revision-videos

https://www.tutor2u.net/sociology/reference/research-methods-in-sociology-quantitative-and-qualitative-methods

https://www.tutor2u.net/sociology/reference/sociological-theory-marxism

Staff Contact Information

Miss Vining, Head of Department viningc@nestonhigh.com



AQA Advanced GCE (A Level) in Spanish

YEAR 13 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 2 Hours 30 Mins

Equipment Required: Exam Pencil Case

TOPIC AREAS TO REVISE

- Aspects of Hispanic society
- Artistic culture in the Hispanic world
- Multiculturalism in Hispanic society
- Aspects of political life in Hispanic society
- Grammar (all tenses plus Subjunctive mood, pronouns, prepositions and determiners.)

REVISION RESOURCES/WEB LINKS

- Specific topical word lists: https://quizlet.com/garciajnestonhigh/folders/aqa-a-level-spanish/sets
- Tense endings, use and formation from their verb booklet.
- Boost e-book :topical revision and grammar glossary at the end of the textbook. https://boost-learning.com
- Exam technique exam-style questions completed in class and as homework
- Verb endings: https://www.spanishdict.com/guide

Staff Contact Information

• Spanish: garciaj@nestonhigh.com



AQA Advanced GCE (A Level) in Drama and Theatre

YEAR 13 Centre Assessed Exam

Number of Papers: 1

Length of Exam: 3 Hours

Equipment Required: Exam Pencil Case, Clean copies of set texts (A Servant to Two Masters and Our Country's Good) – to be provided by Drama

Department

TOPIC AREAS TO REVISE

- **Section A prep:** A Servant to Two Masters. Read the text again and refer to previous essays, responses and exemplars in red exercise books. STE to provide access to other support materials via Teams and on paper in lessons and in revision sessions after school every Thursday.
- **Section B:** Our Country's Good. Follow guidance for Section A. LBA to provide support materials in lessons and in Thursday after school revision sessions.
- Section C: As above revision sessions after school on Thursdays. Use Animal Farm or Othello.

REVISION RESOURCES/WEB LINKS

- Available on Teams.
- Ensure students have their copies of the set texts.

Staff Contact Information

bailliel@nestonhigh.com tebays@nestonhigh.com

Year 13 Centre Assessed Exams timetable

Monday 9th January - Thursday 19th January

	Mon 9 th Jan	Tues 10 th Jan	Wed 11 th Jan	Thurs 12 th Jan	Fri 13 th Jan	Mon 16 th Jan	Tue 17 th Jan	Wed 18 th Jan	Thurs 19 th Jan
Period 1	Engineering Unit 1 (R) IT Unit 1 (E)	BTEC PE English Language	IT Unit 2 (R) Business CTEC Unit 2 (E)	Textiles (C) Product Design (C)	PE BTEC Unit 1 (E) Chemistry	H&S Care Unit 1 (E)	Fine Art (C) Physics Paper 1 (C)	Spanish (C) Religious Studies (C)	PE A Level (C) Media Studies Paper 2 (C) Computing
Period 2	English Literature	Paper 1 (M) Maths Paper 1 (M)	Engineering Unit 2 (E) BTEC PE Unit 2 (E)	Chemistry Paper 1 (C) History Paper 1 (C)	Paper 2 (C) History Paper 2 (C)	Engineering Unit 4 (E)	Sociology Paper 2 (C) Theatre Studies (C)	English Literature Paper 2 (C)	Paper 2 (C) Science BTEC (C) Geography Paper 2 (C)
Period 3									
Period 4		Business Unit 2 (R)	(1) 6 m - 11 E		7 001				i.
Period 5	Engineering Unit 1 (E) Business CTEC Unit 1 (E)	Unit 2 (R) Sociology Paper 1 (C) Biology Paper 1 (C)	Maths Paper 2 (Part 1) (C)	Biology Paper 2 (C) PE BTEC (R)	Unit 1 (R) Computing Paper 1 (C)	Psychology (C) Media Studies Paper 1 (C)	Business Studies (C)	Maths Paper 2 (Part 2) (C)	Friysics Paper 2 (C) English Language Paper 2 (C)

SUNDAY		
SATURDAY		
FRIDAY		
THURSDAY		
WEDNESDAY		
TUESDAY		
MONDAY		
TIME		



Headteacher: Mr K Simpson Neston High School, Raby Park Road, Neston, Cheshire. CH64 9NH Tel: 0151 336 3902 www.nestonnhigh.com

YEAR 13
Jan 2023
CAE BOOKLET