




Year 10 Summer Mock Examinations information 2023

In addition to the Knowledge organisers that are hyperlinked for each subject, staff will also be setting revision tasks on Go4Schools. Some of these tasks will be set on the online learning platforms we subscribe to on student's behalf. The logon details are below, and it is possible to reset passwords for each site using students school email account. If your child has any problems, please ask them to contact Mr Bird, daniel.bird@csschool.co.uk.

	Username: firstname.surname Password: username
	Username: firstname.surname@csschool.co.uk Password: seneca2020
	Username: firstname.surname@csschool.co.uk Password: Stretton2021

English language

- English Language Paper 2
- Section A: reading; Section B: Non-fiction writing

English Literature, Paper 1, Section A

- Macbeth

Characters:

- Macbeth
- Lady Macbeth
- The Witches

Themes:

- Good vs Evil
- Ambition
- Tragic Hero
- The Supernatural

Maths

HIGHER

- Forming equations
- Solving equations
- Transformations
- Problem solving with recipes
- Gradient of a line
- Quadratic graphs
- Factorising
- Expanding brackets
- Indices
- Surds
- Exchange rates
- Estimating
- Two-way table
- Ratio
- Direct and inverse proportionality
- Similarity
- Cubic equation
- Loci
- Trigonometry
- Probability tree

FOUNDATION

- Averages
- Money percentage problems
- Prime factors
- Highest common factor
- Factorising
- Sharing into ratio
- Graphs
- Expanding brackets
- Straight line graphs
- Bar charts
- Compound area
- Ordering fractions, decimals, and percentages
- Place value
- Sampling
- Solve equations
- Nth term
- Formulae
- Volume of prisms
- Transformations
- Angle facts
- Area and perimeter
- Stem-and-leaf
- Pie charts

Science

Combined Biology / Separate Biology

- [CB1/SB1](#) Key concepts in Biology
- [CB2/SB2](#) Cells and control
- [CB3/SB3](#) Genetics
- [CB4/SB4](#) Natural selection and genetic modification

Combined Chemistry / Separate Chemistry

- [CC1/SC1](#) States of matter
- [CC2/SC2](#) Methods of separating and purifying substances
- [CC3/SC3](#) Atomic structure
- [CC4/SC4](#) The periodic table
- [CC5/SC5](#) Ionic bonding
- [CC6/SC6](#) Covalent bonding
- [CC7/SC7](#) Types of substance
- [CC9/SC9](#) Calculations involving masses

Combined Physics / Separate Physics

- [CP1/SP1](#) Motion
- [CP2/SP2](#) Forces and motion
- [CP3/SP3](#) Conservation of energy
- [CP4/SP4](#) Waves
- [CP5/SP5](#) Light and the electromagnetic spectrum

Computer science

- [Computer systems](#)
- [Algorithms](#)
- [Cybersecurity](#)
- [Programming](#)

Design Technology

- Industry and enterprise
- Robotics and automation in the workplace
- Sustainability and the environment
- Anthropometrics and ergonomics
- People culture and society
- Design principles from the NEA
(researching/specification/ideas/development/prototyping)
- Specialist technical area (one from timber/metal/polymer/textile)

Drama

Section A – Blood Brothers

The contexts of the performance text including:

- social
- historical
- cultural

The characteristics of the performance text including:

- characters
- theatrical setting

How meaning is communicated through:

- the use of performance space and spatial relationships on stage
- the relationship between performers and audience
- the design of set, props, costume, lighting, and sound
- an actor's vocal and physical interpretation of character
- the use of performance conventions

Acting skills including:

- characterisation.
- Vocal techniques an actor might use to communicate a role.
- Communication through physicality and the use of body language, facial expression, and gesture.

The use of semiotics / symbolism

The development of character through the creation and use of:

- costume
- hair and makeup.

Food preparation and nutrition

Food science

- Heat transference,
- Proteins,
- Carbohydrates,
- Fats/oils,
- Enzymic browning,
- Oxidisation and raising agents,
- Caramelisation,
- Denaturation,
- Coagulation,
- Emulsification

Food hygiene and safety

- Storage,
- Provenance,
- Buying and storing food
- Food Choice
- Food and the environment
- Food production
- Bacteria and pathogens,
- Contamination

Nutrition

- Macro/micronutrients,
- Fats,
- Carbohydrates,
- Vitamins and minerals

French

You should revise the following topics:

- Personal Information, Family and Friends
- Leisure Activities
- Festivals & Family Celebrations
- Daily Routine
- Shopping for clothes
- My Region

There will be guided tasks on Seneca and AQA GCSE French Bitesize set for you to support you with your revision.

Geography

- Natural Hazards (tectonics only)
- Coasts
- Changing Urban Environments
- Resources (Food only)

Geology

- 1-1-minerals
- 1-2-igneous-rocks-and-processes
- 1-3-sedimentary-rocks-and-their-fossil-content
- 1-4-metamorphic-rocks-and-processes
- 1-5-deformational-structures
- 2-1-the-rock-cycle
- 2-2-plate-tectonics
- 2-3-geochronological-principles (and mapwork)

History

Medicine Through Time 1250-Modern day

- Medieval Medicine 1250-1500
- Renaissance Medicine 1500-1700
- Early Modern 1700-1900
- Modern Medicine 1900-today
- Medicine on the Western Front**

Henry VIII and his ministers 1509-40

- Wolsey
- Cromwell

Music

AoS 1: Western Classical Music to 1910

- Oratorios and Coronation Marches of Handel
- Symphonies or Concertos of Mozart, Haydn or Beethoven
- Romantic Piano Music (Chopin or Schumann)

AoS 2: Popular Music

- Film Music 1990 -
- Broadway Musicals 1950-1990
- Romantic Piano Music (Chopin or Schuman)
- Rock Music

AoS 3: Traditional Music

- 12 Bar Blues
- Folk Songs from Britain

AoS 4: Western Classical Tradition since 1910

- Minimalism

RE

Christian beliefs

- Christian beliefs about the Nature of God
- Creation including John Ch 1 vs 1-3
- Atonement, Salvation, Grace
- The importance, interpretation and use of the Bible
- The life of Jesus Incarnation, Death, Resurrection.
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Christian Practise

- Festivals, Christmas and Easter
- Sacraments, Baptism and Eucharist (Holy Communion)
- Evangelism including the great commission
- Role of the Church in the local community, wider world
- Pilgrimage

Jewish Beliefs

- Jewish beliefs about the Nature of God
- Belief in One God and the Shema, and creation
- The Covenants of Abraham and Moses
- Mitzvot and the importance of the 10 Commandments
- The Torah, Tenach and Talmud
- The Messiah and belief in the after life