

Year 10 Summer Mock Examinations information 2025-26

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

Number

- Number properties
- Fractions, decimals and percentages
- Ratio
- Estimating
- Upper and lower bounds

Geometry

- Shape properties
- Loci
- Area and perimeter
- Plans and elevations
- Constructions

Algebra

- Factorising
- $y = mx + c$

Maths

FOUNDATION

Number

- Decimal arithmetic
- Rounding to decimal places and significant figures
- Lowest common multiple
- Product of prime factors
- Negative numbers
- Fraction arithmetic including mixed numbers
- Reading scales

Geometry

- Measuring angles
- Finding missing angles
- Angles in polygons
- Coordinates
- Shape names
- Properties of circles

Algebra

- Writing algebra
- Simplifying algebra and expanding brackets
- Factorising
- Distance time graphs
- Drawing straight line graphs

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

Unit 1 – Problem Solving

- Algorithms
- Pseudocode
- Sequence, Selection and iteration

Unit 2 – Data Representation

- Binary
- Hexadecimal
- ASCII
- File Sizes
- Representing images
- Representing sound

Unit 3 – Computers

- Hardware
- Software (Operating systems, utility software, defragmentation)
- Programming languages – High-Level and Low-Level

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

Nutrients - the functions main sources effects of deficiency and excess related dietary reference values of the following nutrients:

- [Proteins](#)
- [Fats](#)
- [Carbohydrates](#)
- [Micronutrients](#) including the role of antioxidants in protecting body cells from damage.
- [Water](#)

Nutritional and energy needs and health

- The [current guidelines for a healthy diet](#) including portion size when meal planning.
- How peoples' nutritional needs change and [how to plan a balanced diet for different life stages](#).
- The causes of [health issues](#) such as obesity, cardiovascular disease (CVD), type 2 diabetes, osteoporosis, tooth decay and anaemia, and what steps can be taken to help tackle and prevent them.
- How to plan a balanced meal for [specific dietary groups](#).
- The basal metabolic rate (BMR) and physical activity level (PAL) and their importance in determining [energy requirements](#).
- How to plan and modify recipes, meals and diets to reflect the nutritional guidelines for a healthy diet.

Food science

- Why food is cooked and [how heat is transferred to food](#)
- How the selection of appropriate preparation and cooking methods can conserve or modify nutritive value or improve palatability
- Functional and chemical properties of food including:
 - [Proteins](#) - the scientific principles underlying the processes of denaturation, protein coagulation, gluten formation and foam formation when preparing and cooking food.
 - [Carbohydrates](#) - the scientific principles underlying the processes of gelatinisation, dextrinisation and caramelisation when preparing and cooking food
 - [Fats and oils](#) - the scientific principles underlying the processes of shortening, aeration, plasticity and emulsification when preparing and cooking food

Geography

- Coasts
- Changing Urban Environments
- Resources (UK resources 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

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

Anglo-Saxon and Norman England

- Anglo-Saxon Government and Society
- The House of Godwin
- Contenders to the throne

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

RPE

Christianity

- Practices
- Beliefs

Judaism

- Practices
- Beliefs

Spanish

Diviertete

- Talking about life online
- Talking about sports and free time activities
- Arranging to go out
- Saying what you did last weekend
- Talking about days that went wrong

Viajes

- Describing travel plans
- Festivals in the Spanish speaking world
- Talking about a past holiday
- Describing where you stayed
- Talk about a future holiday

Mi gente , Mi mundo

- Describing people (personality and physical)
- Talking about a favourite celebrity
- Talking about friendships and relationships with others
- Talking about identity and what is important to you
- Talking about problems and giving advice