

## **Year 11 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](mailto:daniel.bird@csschool.co.uk).

|                                                                                    |                                                                      |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------|
|   | Username: firstname.surname<br>Password: username                    |
|   | Username: firstname.surname@csschool.co.uk<br>Password: seneca2020   |
|  | Username: firstname.surname@csschool.co.uk<br>Password: Stretton2021 |

## English language

- ☐ English Language Paper 1 Full Paper

## English Literature, Paper 1, full paper

### Macbeth

#### Characters:

- ☐ Macbeth
- ☐ Lady Macbeth
- ☐ The Witches
- ☐ Banquo
- ☐ Macduff

#### Themes:

- ☐ Guilt
- ☐ False Appearances
- ☐ Good and Evil
- ☐ Ambition

### A Christmas Carol

#### Characters:

- ☐ Scrooge
- ☐ Bob and the Cratchits
- ☐ Fred
- ☐ The ghosts

#### Themes:

- ☐ Poverty and the struggles of the poor
- ☐ The Supernatural
- ☐ Redemption
- ☐ Loss / Grief

# Maths

## HIGHER

### Algebra

- ☐ Substitute values into formulae and expressions
- ☐ Simplify expressions
- ☐ Mathematical proofs
- ☐ Inverse and composite functions
- ☐ Expand brackets
- ☐ Represent inequalities on a graph
- ☐ Draw linear and quadratic graphs
- ☐ Equations of lines
- ☐ Solve linear equations
- ☐ Graphs of exponential functions
- ☐ Solve linear inequalities
- ☐ Solve quadratic inequalities
- ☐ Equation of a circle
- ☐ Growth and decay

### Statistics

- ☐ Histograms
- ☐ Distance-time graphs
- ☐ velocity-time graphs
- ☐ Averages (median, mean, mode and modal class)
- ☐ Box plots

### Probability

- ☐ Conditional probability
- ☐ Probabilities of events
- ☐ Tree diagrams
- ☐ Listing strategies/Product rule for counting

### Ratio & Proportion

- ☐ Ratio in real context
- ☐ Solve problems involving direct and inverse proportion
- ☐ Use compound units
- ☐ compound interest

# Maths

## HIGHER

### Number

- ☐ Primes, factors, multiples
- ☐ Standard form
- ☐ Recurring decimals and their corresponding fractions
- ☐ Calculate with surds

### Geometry

- ☐ Area
- ☐ Congruent and similar shapes
- ☐ Transformations
- ☐ Exterior and interior angles
- ☐ Circumference and area of a circle
- ☐ Constructions and loci
- ☐ Pythagoras's Theorem and Trigonometry and in 3D
- ☐ Sine and cosine rule

Click the MathsWatch logo to access the website



MathsWatch

# Maths

## FOUNDATION

| Topic                                                                | Maths Watch |
|----------------------------------------------------------------------|-------------|
| <input type="checkbox"/> Units of time                               | None        |
| <input type="checkbox"/> Simplify algebra                            | 34          |
| <input type="checkbox"/> FDP conversion                              | 85          |
| <input type="checkbox"/> Order numbers                               | 2           |
| <input type="checkbox"/> Metric measures                             | N7a         |
| <input type="checkbox"/> BIDMAS and order of operations              | 75          |
| <input type="checkbox"/> Substitution                                | 95          |
| <input type="checkbox"/> Averages and range                          | 62          |
| <input type="checkbox"/> Angle facts                                 | 45          |
| <input type="checkbox"/> Ratio notation and simplification           | 38          |
| <input type="checkbox"/> Compound units (speed)                      | N7b/142a    |
| <input type="checkbox"/> Two-way tables                              | 61          |
| <input type="checkbox"/> Solve linear equations                      | 100         |
| <input type="checkbox"/> Pie charts                                  | 128a        |
| <input type="checkbox"/> Equally likely outcomes (probability)       | 59          |
| <input type="checkbox"/> Distance time graph                         | 143         |
| <input type="checkbox"/> Fractions/decimals/percentages as operators | 38          |
| <input type="checkbox"/> Inverse Volume problem                      | 115         |
| <input type="checkbox"/> Inequalities on a numberline                | 138         |
| <input type="checkbox"/> Prime factors (HCF/LCM)                     | 78 and 3    |
| <input type="checkbox"/> Share in a given ratio                      | 106         |
| <input type="checkbox"/> Area circle and triangle                    | 54/117      |
| <input type="checkbox"/> Constructions and loci                      | G27         |
| <input type="checkbox"/> Problem solving direct/indirect proportion  | 72          |
| <input type="checkbox"/> Inverse mean                                | 62          |
| <input type="checkbox"/> Trigonometry                                | 168         |
| <input type="checkbox"/> Compound units (density)                    | 142b        |
| <input type="checkbox"/> Sketch quadratic graphs                     | 99          |
| <input type="checkbox"/> Fibonnaci sequence (algebraic)              | 141         |
| <input type="checkbox"/> Simplify algebra                            | 33          |
| <input type="checkbox"/> Convert FDP                                 | 85          |
| <input type="checkbox"/> Convert units                               | 112         |
| <input type="checkbox"/> Multiples                                   | 28          |
| <input type="checkbox"/> Angle types                                 | 13          |
| <input type="checkbox"/> Tables                                      | N3b         |
| <input type="checkbox"/> Bar chart                                   | 15          |
| <input type="checkbox"/> Quadrilaterals and 3D shapes                | G14/43      |
| <input type="checkbox"/> Form expression                             | A17         |
| <input type="checkbox"/> Solve equation                              | 135a        |
| <input type="checkbox"/> Rounding and estimation                     | 31/91       |
| <input type="checkbox"/> Add/subtract fractions                      | 71          |
| <input type="checkbox"/> Fraction of amount                          | 72          |

|                                                         |         |
|---------------------------------------------------------|---------|
| <input type="checkbox"/> Timetables                     | 6b      |
| <input type="checkbox"/> Function machines              | 36      |
| <input type="checkbox"/> Scale drawing                  | R6      |
| <input type="checkbox"/> Multiply decimals              | 66      |
| <input type="checkbox"/> Similar shapes                 | 122     |
| <input type="checkbox"/> Recipe question                | 39      |
| <input type="checkbox"/> Stem and leaf                  | 128b    |
| <input type="checkbox"/> HCF                            | 79      |
| <input type="checkbox"/> Probability table              | 60      |
| <input type="checkbox"/> Quadratic graph                | 98      |
| <input type="checkbox"/> Worded fraction/ratio problems | 165b    |
| <input type="checkbox"/> Standard form                  | 83      |
| <input type="checkbox"/> Internal angles                | 123     |
| <input type="checkbox"/> Equation of a line             | A14c/97 |
| <input type="checkbox"/> Vector addition                | none    |

[Click the MathsWatch logo to access the website](#)



## 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
- ☐ CB5/CB5 Health, disease, and the development of medicines

### 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
- ☐ CC8/SC8 Acids and alkalis
- ☐ CC9/SC9 Calculations involving masses
- ☐ CC10 /SC10 Electrolytic processes
- ☐ CC11/ SC11 Obtaining and using metals
- ☐ CC12/ SC12 Reversible reactions and equilibria
- ☐ SC13 Transition metals, alloys, and corrosion (separate chemistry only)
- ☐ SC14 Quantitative analysis (separate chemistry only)
- ☐ SC15 Dynamic equilibria, calculations involving volumes of gases (separate chemistry only)
- ☐ SC16 Chemical cells and fuel cells (separate chemistry only)

### 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
- ☐ CP6/SP6 Radioactivity
- ☐ SP7 Astronomy (separate physics only)

# Child Development

## ❑ Topic Area 1: Pre-conception health and reproduction

- Factors affecting pre-conception health for women and men. To include: why pre-conception health matters and how each of these factors can affect the chances of conceiving for women and men.
- the reasons for taking folic acid before pregnancy
- the importance of the mother being up to date with immunisations
- Types of contraception methods and their advantages and disadvantages. To include: how each type prevents pregnancy, effectiveness if used correctly, availability, suitability of choices for personal circumstances such as breastfeeding.
- The structure and function of the reproductive systems
- How reproduction takes place

## ❑ Topic Area 2: Antenatal care and preparation for birth

- The meaning of the term antenatal
- The purpose and importance of antenatal clinics
- The timing of first antenatal clinic appointment
- The roles of different health professionals:
- The reasons for routine tests/checks and what conditions they can identify
- Screening and diagnostic tests
- The purpose and importance of antenatal (parenting) classes
- The choices available for delivery - to include the reasons for choosing a hospital or home birth and the advantages and disadvantages of each.
- how the birth partner can offer physical and emotional support and the benefits of having a birth partner
- The methods of pain relief when in labour - to include the advantages and disadvantages of each method
- The signs that could indicate that labour has started
- The three stages of labour and their physiological changes
- The methods of assisted birth - to include how each method is carried out and why assisted delivery may be necessary

## ❑ Topic Area 3: Postnatal checks, postnatal care and the conditions for development

- The postnatal checks that are carried out on the baby immediately after birth and the reasons why
- The checks that are carried out on the baby within one to five days of birth and the reasons why
- The role of the Health Visitor in supporting the new family including: information, advice and support the health visitor will provide and what the mother's 6-week postnatal check include
- How partner, family and friends can provide physical and emotional support





## Design Technology

### ☐ **Core technical principles:**

- new and emerging technologies
- energy generation and storage
- developments in new materials
- systems approach to designing
- mechanical devices
- materials and their working properties.

### ☐ **Specialist technical principles** in relation to **either** papers and boards, timber-based materials, metal-based materials **or** polymers:

- selection of materials or components
- forces and stresses
- ecological and social footprint
- sources and origins
- using and working with materials
- stock forms, types and sizes
- scales of production
- specialist techniques and processes
- surface treatments and finishes.

### ☐ How and why **prototypes** are developed

### ☐ **Designing and making principles** in relation to the following areas:

- investigation, primary and secondary data
- environmental, social and economic challenge
- the work of others
- design strategies
- communication of design ideas
- prototype development
- selection of materials and components
- tolerances
- material management
- specialist tools and equipment
- specialist techniques and processes.

Through the assessment you must demonstrate an understanding of the **mathematical and scientific** requirements identified below:

- ☐ Recognise and use expressions in decimal and standard form
- ☐ Use ratios, fractions, and percentages.
- ☐ Calculate surface area and volume
- ☐ Plot, draw and interpret appropriate graphs.

## Drama

### Section B – Live Theatre Review

The characteristics of a live theatre production:

- ☐ the meaning of drama and theatre terminology used by theatre makers
- ☐ how genre is used in live performance to communicate meaning to an audience

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, nutrition, and health:**

- ☐ Nutrients including protein, fats, carbohydrates, vitamins, minerals, and water.
- ☐ Nutritional needs and health, including making informed choices for a varied and balanced diet, energy needs, how to carry out a nutritional analysis, diet related health conditions.

### **Food science:**

- ☐ Cooking a food and heat transfer Including. Why food is cooked and how heat is transferred to food? Selecting appropriate cooking methods.
- ☐ Functional and chemical properties of food. Including: The role of proteins. Carbohydrates, fats, and oils and raising agents within recipes.

### **Food safety:**

- ☐ Food spoilage and contamination, including microorganisms and enzymes, the signs of food spoilage, the use of microorganisms in food production, bacterial contamination, the principles are food safety when buying, storing, preparing, cooking, and serving food.

### **Food choices:**

- ☐ Factors that influence food choice Including: nutrition, culture and tradition, ethical and moral beliefs, cost, medical conditions, celebrations and occasions, lifestyle factors, health, and physical activity levels.

## French

### **Module 1 – Free Time Activities**

- ☐ Customs, Festivals and Celebrations
- ☐ My Online Life
- ☐ Free Time Activities
- ☐ Present Tense
- ☐ Near Future Tense
- ☐ Perfect Tense

### **Module 2 – Friends and Family**

- ☐ Identity & Relationships with Others
- ☐ Physical & Character Descriptions
- ☐ Relationships with Friends & Family
- ☐ Describing friends and Discussing Friendship
- ☐ Celebrity Culture
- ☐ Positive Role Models
- ☐ Celebrations in past present and future tenses

### **Module 3 – Life at School**

- ☐ Life at school in Francophone countries
- ☐ School Subjects + Opinions and Reasons
- ☐ School Rules
- ☐ Making progress at school
- ☐ Memories of Primary School & Imperfect Tense
- ☐ Learning Languages and the Future

### **Module 4 – Healthy Living**

- ☐ Meals & Mealtimes
- ☐ Talking about good mental health
- ☐ Unhealthy Lifestyle Choices
- ☐ Resolutions to live a healthier lifestyle (in simple future tense)
- ☐ Lifestyle Changes over time (imperfect – present – simple future)

### **Module 5 - Holidays**

- ☐ Dream Holidays
- ☐ Describing a holiday region – what is worth visiting / doing
- ☐ Festivals in the Francophone World
- ☐ Booking and Reviewing holiday accommodation
- ☐ Staycation Activities
- ☐ Discussing holidays in 3-4 tenses

### **Module 6 – Our Planet**

- ☐ Using numbers and percentages to discuss environmental issues
- ☐ Using comparatives and superlatives to talk about climate
- ☐ Environmental Problems & The Passive Voice
- ☐ Global & Small-scale actions to protect the environment
- ☐ New Technologies

## Geography

### **Natural Hazards:**

- ☐ Tectonics
- ☐ Weather

### **Physical landscapes:**

- ☐ Rivers
- ☐ Coasts

### **Urban issues:**

- ☐ Urban World (Rio)
- ☐ UK urban change (Bristol)
- ☐ Sustainability (Frieberg)

### **Resource management:**

- ☐ Food

## Geology

- ☐ Minerals
- ☐ Sedimentary rocks
- ☐ Igneous rocks
- ☐ Metamorphic rocks
- ☐ Deformational structures
- ☐ Geological time
- ☐ Origins of life

## History

- ❑ Medicine Through Time 1250-Modern day
  - Medieval Medicine 1250-1500
  - Renaissance Medicine 1500-1700
  - Early Modern 1700-1900
  - Modern Medicine 1900-today
  
- ❑ Henry VIII and his ministers 1509-40
  - Wolsey
  - Cromwell
  - Religious Change
  
- ❑ The American West
  - The Indigenous Peoples
  - Early Settlement in the West
  - Settlement on the Great Plains
  - Conflict
  - End of the Indigenous way of life

## Music

### **AOS 2 – Concerto Through Time**

- ☐ Baroque Concerto Grosso
- ☐ Baroque Solo Concerto
- ☐ Classical Solo Concerto
- ☐ Romantic Solo Concerto

### **AOS 3 – Rhythms of the World**

- ☐ Indian Classical Music
- ☐ Punjabi Bhangra
- ☐ Greek Folk Music
- ☐ Israel & Palestine Music
- ☐ African Music
- ☐ Salsa
- ☐ Calypso & Steel Pans

### **AOS 4 – Film & Game Music**

- ☐ Film Music
- ☐ Game Music

### **AOS 5 – Popular Music**

- ☐ Rock & Roll
- ☐ Rock Anthems
- ☐ Pop Ballads
- ☐ Solo Artists from 1990s to the Present Day



## RPE

- ☐ **Christianity Beliefs:** God, Trinity, Jesus, Salvation, Afterlife
- ☐
- ☐ **Christianity Practices:** Worship, Sacraments, Festivals, Church
- ☐
- ☐ **Judaism Beliefs:** God, Covenant, Law, Messiah, Afterlife
- ☐
- ☐ **Judaism Practices:** Synagogue, Shabbat, Festivals, Food, Rites
- ☐
- ☐ **Ethics – Relationships:** Family, Marriage, Divorce, Gender, Sex, Equality

## Sports studies

### Topic Area 1

- ☐ User groups
- ☐ Barriers to participation
- ☐ Solutions to barriers
- ☐ Factors that impact popularity of sport- PAMPERSS

### Topic Area 2

- ☐ Sport Values- NETFICT
- ☐ Olympic Values – Excellence, Friendship & Respect
- ☐ Paralympic Values- Courage Determination, Inspiration & Equality
- ☐ The Rings
- ☐ The Olympic Creed
- ☐ Sports Etiquette
- ☐ Performance Enhancing Drugs in Sport

### Topic Area 3

- ☐ Features of a main Sporting Event- Regular, One off & Regular and Reoccurring
- ☐ Positive and negative aspects of hosting a major sporting event- short term, medium term & long term

### Topic Area 4

- ☐ NGBs and their roles for sport

### Topic Area 5

- ☐ The use of technology in sport – positives and negatives