




Year 7 Core Examinations information 2024-25

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

Year 7 English

- ❑ Students will complete an [Unseen Poetry response](#).

Preparation:

Students should spend one lesson preparing for the assessment. In this preparation lesson, students will:

- **revise** metaphor (*tenor, vehicle, ground*)
- **be given** the title of the poem
- **be introduced to** some of difficult vocabulary from the unseen poem (i.e. the words provided in the glossary – see Appendix 1 – **but not the poem itself**)
- **be given some guidance** on how to approach the task

In the assessment:

Students can have access to:

An Unseen poem and a question.

- Students **cannot** take a notes page into the assessment.

Students should be given a maximum of **1 hour** to write their essay in exam conditions.

Year 7 Maths

Topic list:

Algebra

- Writing expressions
- Substituting into expressions
- Continuing and describing sequences
- Finding the nth term rule for a sequence
- Using function machines
- Solving equations by balancing
- Draw linear graphs (e.g. $y = 2x + 1$)
- Recognise simple linear graphs (e.g. $y=2$, $x = -1$, $y = x$, $x + y = 5$)
- Interpret and sketch graphs that model simple real-life situations
- Simplify an expression by collecting like terms
- Expand a single bracket

Geometry

- Recalling properties of 2D and 3D shapes
- Applying angle facts and properties including the sum of angles in triangles
- Constructing triangles accurately
- Describing turns with bearings
- Drawing nets, plans & elevations
- Calculating the volume of cubes and cuboids
- Area of compound shapes which include rectangles, triangles and parallelograms
- Circumference of a circle
- State the reflectional and rotational symmetry of shapes
- Reflect, rotate or translate a shape on a co-ordinate grid

Number

- Arithmetic with positive integers
- Arithmetic with negative integers
- Arithmetic with decimals
- Order decimals
- Order of operations
- Equivalent fractions
- Arithmetic with fractions
- Calculate with squares, cubes and roots
- Find the LCM or HCF of 2 numbers
- Recognise triangular and prime numbers
- Express a number as a product of its prime factors
- Rounding to the nearest integer, 10, 100, 1000 and decimal places
- Converting between equivalent fractions, decimals and percentages
- Equivalent ratios
- Sharing in a ratio
- Using direct proportion and the unitary method to find unknown quantities (inc. recipes)
- Fraction of an amount
- Percentage of an amount
- Find the difference between two times of day
- Tell the time and convert between 12- and 24-hour clock
- Calculate total cost and give change

Statistics

- Averages and range
- Tally chart
- Bar chart
- Pie chart
- Two-way table
- Pictogram
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Probability

- Use words to describe probability
- Understand that the probability scale goes from 0 to 1 and mark events on it
- List outcomes for single events
- Find the probability of single events and express as fractions, decimals and %
- Populate Venn diagrams
- Find probabilities of events from Venn diagrams

Year 7 Science

Biology

- [Working scientifically](#)
- [Cells](#)
- [Structure and function of body systems](#)

Chemistry

- [Particles and their behaviour](#)
- [Elements, atoms, and compounds](#)
- [Reactions](#)

Physics

- [Forces](#)
- [Sound](#)
- [Light](#)

Year 7 DT

Food – Food safety and healthy choices (knowledge organiser – [Theory](#) and [skills](#))

Resistant materials – Polymers and smart materials (knowledge organiser – [Theory](#) and [skills](#))

Textiles – Fibres, yarns and fabrics (knowledge organiser – [Theory](#) and [skills](#))