



St Antony's  
Roman Catholic School  
ASPIRE + BELIEVE + ACHIEVE

# Year 11 Examination Information Summer 2023

You should cross out subjects where exams do not apply to you.

Name:

Useful links:

[How to manage your time](#)

[Procrastination – How to Beat it](#)

[STAR Workshop Session 1](#)

[STAR Workshop Session 6](#)

[STAR Workshop Session 2](#)

[STAR Workshop Session 7](#)

[STAR Workshop Session 3](#)

[STAR Workshop Session 8](#)

[STAR Workshop Session 4](#)

[STAR Workshop Session 9](#)

[STAR Workshop Session 5](#)

[STAR Workshop Session 10](#)

Recommended revision guide: [CGP "How to Revise for GCSE: Study Skills & Revision Planner"](#)



## Contents:

Maths

English Language

English Literature

Combined Science

RE

History

Geography

Computer Science

Business

French

Music

Art, Craft & Design (Fine Art/Graphicis/Textiles/Photography)

Food Preparation & Nutrition

Engineering

Sport Science



## Maths

You will need the following equipment for your Maths examinations:

- Black pen (please have a spare)
- Pencil
- Rubber
- Ruler
- Scientific calculator (for paper 2 & 3)
- Protractor
- Pair of Compasses

**Exam Dates and length of Exams:** (check your timetable for final date)

- Friday 19<sup>th</sup> May AM: Paper 1 (non-calc) – 1 hr 30 mins
- Wednesday 7<sup>th</sup> June AM: Paper 2 (calc) - 1 hr 30 mins
- Wednesday 14<sup>th</sup> June AM: Paper 3 (calc) - 1 hr 30 mins

Area of curriculum assessed:

The table below illustrates the topic areas covered in this qualification and the topic area weightings for the assessment of the Foundation tier and the assessment of the Higher tier.

Tier	Topic area	Weighting
Foundation	Number	22 - 28%
	Algebra	17 - 23%
	Ratio, Proportion and Rates of change	22 - 28%
	Geometry and Measures	12 - 18%
	Statistics & Probability	12 - 18%
Higher	Number	12 - 18%
	Algebra	27 - 33%
	Ratio, Proportion and Rates of change	17 - 23%
	Geometry and Measures	17 - 23%
	Statistics & Probability	12 - 18%



What you will need to revise for this assessment:

No advance notification of topics provided by the exam board this year. The full specification can be viewed here:

[Edexcel GCSE and GCE 2014 \(pearson.com\)](https://www.pearson.com/UKHigherEducation/catalogue/gcse/gcse-maths/gcse-maths-2014-specification)

Or use the GCSE Foundation of Higher course on [www.drfrostmaths.com](http://www.drfrostmaths.com)

Use your individual QLA and shadow papers from the March Mock exams to guide your revision to your target topics.

Formula Sheets are provided in the exam. A version of both the Foundation and Higher formulae sheet can be found overleaf.

### Foundation Tier Formulae Sheet

#### Perimeter, area and volume

Where  $a$  and  $b$  are the lengths of the parallel sides and  $h$  is their perpendicular separation:

$$\text{Area of a trapezium} = \frac{1}{2} (a + b) h$$

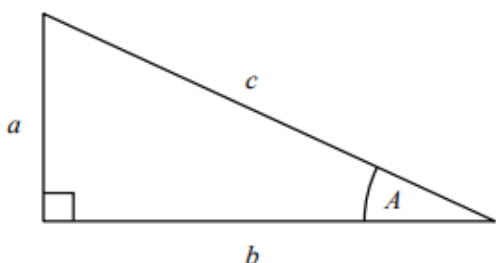
Volume of a prism = area of cross section  $\times$  length

Where  $r$  is the radius and  $d$  is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

$$\text{Area of a circle} = \pi r^2$$

#### Pythagoras' Theorem and Trigonometry



In any right-angled triangle where  $a$ ,  $b$  and  $c$  are the length of the sides and  $c$  is the hypotenuse:

$$a^2 + b^2 = c^2$$

In any right-angled triangle  $ABC$  where  $a$ ,  $b$  and  $c$  are the length of the sides and  $c$  is the hypotenuse:

$$\sin A = \frac{a}{c} \quad \cos A = \frac{b}{c} \quad \tan A = \frac{a}{b}$$

#### Compound Interest

Where  $P$  is the principal amount,  $r$  is the interest rate over a given period and  $n$  is number of times that the interest is compounded:

$$\text{Total accrued} = P \left( 1 + \frac{r}{100} \right)^n$$

#### Probability

Where  $P(A)$  is the probability of outcome  $A$  and  $P(B)$  is the probability of outcome  $B$ :

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

**END OF EXAM AID**

### Higher Tier Formulae Sheet

#### Perimeter, area and volume

Where  $a$  and  $b$  are the lengths of the parallel sides and  $h$  is their perpendicular separation:

$$\text{Area of a trapezium} = \frac{1}{2} (a + b) h$$

Volume of a prism = area of cross section  $\times$  length

Where  $r$  is the radius and  $d$  is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

$$\text{Area of a circle} = \pi r^2$$

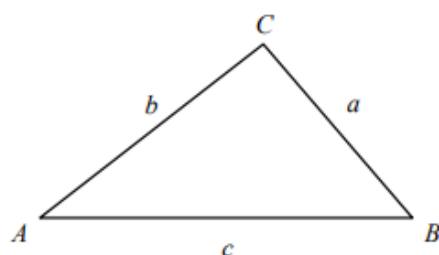
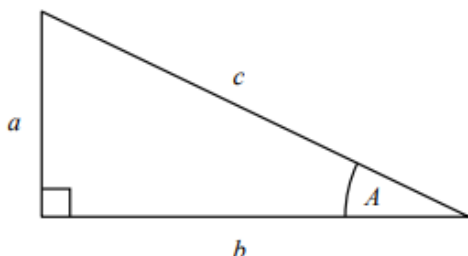
#### Quadratic formula

The solution of  $ax^2 + bx + c = 0$

where  $a \neq 0$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

#### Pythagoras' Theorem and Trigonometry



In any right-angled triangle where  $a$ ,  $b$  and  $c$  are the length of the sides and  $c$  is the hypotenuse:

$$a^2 + b^2 = c^2$$

In any right-angled triangle  $ABC$  where  $a$ ,  $b$  and  $c$  are the length of the sides and  $c$  is the hypotenuse:

$$\sin A = \frac{a}{c} \quad \cos A = \frac{b}{c} \quad \tan A = \frac{a}{b}$$

In any triangle  $ABC$  where  $a$ ,  $b$  and  $c$  are the length of the sides:

$$\text{sine rule: } \frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\text{cosine rule: } a^2 = b^2 + c^2 - 2bc \cos A$$

$$\text{Area of triangle} = \frac{1}{2} a b \sin C$$

#### Compound Interest

Where  $P$  is the principal amount,  $r$  is the interest rate over a given period and  $n$  is number of times that the interest is compounded:

$$\text{Total accrued} = P \left( 1 + \frac{r}{100} \right)^n$$

#### Probability

Where  $P(A)$  is the probability of outcome  $A$  and  $P(B)$  is the probability of outcome  $B$ :

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

$$P(A \text{ and } B) = P(A \text{ given } B) P(B)$$



## English Language

You will need the following equipment for your English Language examination:

- Black pen (please have a spare)
- Highlighter (spares will be available in the exam)

**Exam Dates and length of Exams:** (check your timetable for final date)

- |                                |     |                        |
|--------------------------------|-----|------------------------|
| • Monday 5 <sup>th</sup> June  | AM: | Paper 1 – 1 hr 45 mins |
| • Monday 12 <sup>th</sup> June | AM: | Paper 2 – 1 hr 45 mins |

Area of curriculum assessed:

English Language Paper 1, Explorations in Creative Reading and Writing

What you will need to revise for this assessment:

- Your dark green exercise book
- All revision resources you have received from previous mock exams and additional materials provided since
- You can also use Seneca and GCSEPod (both accessed via your Office365 log in)

English Language Paper 2, Writers' Viewpoints and Perspectives

What you will need to revise for this assessment:

- As above but you will need your orange exercise book



## English Literature

You will need the following equipment for your English Language examination:

- Black pen (please have a spare)
- Highlighter (spares will be available in the exam)

**Exam Dates and length of Exams:** (check your timetable for final date)

- |                                  |     |                        |
|----------------------------------|-----|------------------------|
| • Wednesday 17 <sup>th</sup> May | AM: | Paper 1 – 1 hr 45 mins |
| • Wednesday 24 <sup>th</sup> May | AM: | Paper 2 – 2 hr 15 mins |

What you will need to revise for this assessment:

### Paper 1

- Macbeth – red exercise book
- Jekyll and Hyde – yellow exercise book and copy of text

### Paper 2

- AIC – blue exercise book
- Poetry – pink exercise book and poetry anthology
- Unseen poetry – pink exercise book
- All revision resources you have received from previous mock exams and additional materials provided since, including the 'passport' for each of the set text and the poems
- You can also use Seneca and GCSEPod (both accessed via your Office365 log in)





## Combined Science

You will need the following equipment for your Science examinations:

- Black pen (please have a spare)
- Pencil
- Rubber
- Ruler
- Scientific calculator

**Exam Dates and length of Exams:** (check your timetable for final date)

- |                                   |                       |             |
|-----------------------------------|-----------------------|-------------|
| • Tuesday 16 <sup>th</sup> May    | AM: Biology Paper 1   | 1 hr 10mins |
| • Monday 2 <sup>nd</sup> May      | AM: Chemistry Paper 1 | 1 hr 10mins |
| • Thursday 25 <sup>th</sup> May   | AM: Physics Paper 1   | 1hr 10mins  |
| • Friday 9 <sup>th</sup> June PM: | Biology Paper 2       | 1hr 10mins  |
| • Tuesday 13 <sup>th</sup> June   | AM: Chemistry Paper 2 | 1 hr 10mins |
| • Friday 16 <sup>th</sup> June    | AM: Physics Paper 2   | 1hr 10mins  |

Each examination is:

- Written examination: 1 hour and 10 minutes
- 16.67% of the qualification
- 60 marks
- A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.
- Calculators may be used in the examinations.

Area of curriculum assessed:

### Biology paper 1

- Topic 1 – Key concepts in biology
- Topic 2 – Cells and control
- Topic 3 – Genetics
- Topic 4 – Natural selection and genetic modification
- Topic 5 – Health, disease and the development of medicines

### Chemistry paper 1

- Topic 1 – Key concepts in chemistry
- Topic 2 – States of matter and mixtures
- Topic 3 – Chemical changes
- Topic 4 – Extracting metals and equilibria



### Physics paper 1

- Topic 1 – Key concepts of physics
- Topic 2 – Motion and forces
- Topic 3 – Conservation of energy
- Topic 4 – Waves
- Topic 5 – Light and the electromagnetic spectrum
- Topic 6 – Radioactivity

### Biology paper 2

- Topic 1 – Key concepts in biology
- Topic 6 – Plant structures and their functions
- Topic 7 – Animal coordination, control and homeostasis
- Topic 8 – Exchange and transport in animals
- Topic 9 – Ecosystems and material cycles

### Chemistry paper 2

- Topic 1 – Key concepts in chemistry
- Topic 6 – Groups in the periodic table
- Topic 7 – Rates of reaction and energy changes
- Topic 8 – Fuels and Earth science

### Physics paper 2

- Topic 1 – Key concepts of physics
- Topic 8 – Energy - Forces doing work
- Topic 9 – Forces and their effects
- Topic 10 – Electricity and circuits
- Topic 12 – Magnetism and the motor effect
- Topic 13 – Electromagnetic induction
- Topic 14 – Particle model
- Topic 15 – Forces and matter

What you will need to revise for this assessment:

- [Exam-Style Questions - GCSE Combined Science Revision - BBC Bitesize](#)

### Biology paper 1

- Past papers provided by your teacher
- Blue (higher) revision book pages: 1-49
- Green (foundation) revision book pages: 1-48



BBC bitesize pages:

- [Key concepts in biology - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Cells and control - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Genetics - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Natural selection and genetic modification - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Health, disease and the development of medicines - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Practical skills - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

Chemistry paper 1

- Past papers provided by your teacher
- Blue (higher) revision book pages: 87-142
- Green (foundation) revision book pages: 83-132

BBC bitesize pages:

- [Key concepts in chemistry - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [States of matter and mixtures - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Chemical changes - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Extracting metals and equilibria - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Practical skills - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

Physics paper 1

- Past papers provided by your teacher
- Blue (higher) revision book pages: 166-212
- Green (foundation) revision book pages: 155-198

BBC bitesize pages:

- [Key concepts of physics - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Motion and forces - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Conservation of energy - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Waves - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Light and the EM spectrum - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Radioactivity - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Practical skills - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

Biology paper 2

- Past papers provided by your teacher
- Blue (higher) revision book pages: 1-12 and 50-86
- Green (foundation) revision book pages: 1-12 and 49-82



BBC bitesize pages:

- [Key concepts in biology - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Plant structures and their functions - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Animal coordination, control and homeostasis - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Exchange and transport in animals - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Ecosystems and material cycles - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Practical skills - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

Chemistry paper 2

- Past papers provided by your teacher
- Blue (higher) revision book pages: 87-111 and 143-165
- Green (foundation) revision book pages: 83-104 and 133-154

BBC bitesize pages:

- [Key concepts in chemistry - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Groups in the periodic table - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Rates of reaction and energy changes - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Fuels and Earth science - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Practical skills - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

Physics paper 2

- Past papers provided by your teacher
- Blue (higher) revision book pages: 166 and 213-269
- Green (foundation) revision book pages: 155 and 199-252

BBC bitesize pages:

- [Key concepts of physics - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Forces doing work - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Electricity and circuits - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Magnetism and the motor effect - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Electromagnetic induction - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [The particle model - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Forces and matter - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)
- [Practical skills - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)



## RE

You will need the following equipment for your RE examination:

- Black pen (please have a spare)

**Exam Dates and length of Exams:** (check your timetable for final date)

- |                                |     |                |
|--------------------------------|-----|----------------|
| • Monday 15 <sup>th</sup> May  | AM: | 1 hour 30 mins |
| • Tuesday 23 <sup>rd</sup> May | PM: | 1 hour 30 mins |
| • Tuesday 6 <sup>th</sup> June | PM: | 1 hour         |

Area of curriculum assessed:

**Paper one: Component one: Foundational Catholic Theology**

- Origins and meanings
- Good and Evil

**Paper two: Component two: Applied Catholic Theology**

- Life and death
- Sin and forgiveness

**Paper three: Component three: Judaism**

- Jewish beliefs
- Jewish practices

What you will need to revise for this assessment:

- Exercise books and knowledge organisers revision flash cards.



## History

You will need the following equipment for your History examinations:

- Black Pen x 2

**Exam Dates and length of Exams:** (check your timetable for final date)

- |                                  |     |         |              |
|----------------------------------|-----|---------|--------------|
| • Thursday 18 <sup>th</sup> May  | AM: | Paper 1 | 1 hr 15 mins |
| • Wednesday 7 <sup>th</sup> June | PM: | Paper 2 | 55 mins      |
| • Thursday 15 <sup>th</sup> June | AM: | Paper 3 | 1hr 20 mins  |

Area of curriculum assessed:

- Crime and Punishment through time, c1000-present (Paper 1)
- Early Elizabethan England, 1558-1588 (Paper 2)
- Superpower Relations and the Cold War, 1941-91 (Paper 2)
- Weimar and Nazi Germany, 1918-1939 (Paper 3)

What you will need to revise for this assessment:

- All the work you have done on Weimar Germany, Crime and Punishment, Elizabeth and the Cold War in old exercise books, homework and other materials
- Revision guides (CGP)
- BBC Bitesize (<https://www.bbc.co.uk/bitesize/examspecs/zw4bv4j>)
- Revision materials provided in class
- Seneca learning (all 4 modules)



## Geography

You will need the following equipment for your Geography examinations:

- Black Pen x 2
- Pencil
- Ruler
- Scientific Calculator

**Exam Dates and length of Exams:** (check your timetable for final date)

- |                                |     |             |              |
|--------------------------------|-----|-------------|--------------|
| • Monday 22 <sup>nd</sup> May  | PM: | Component 1 | 1 hr 45 mins |
| • Friday 9 <sup>th</sup> June  | AM: | Component 2 | 1 hr 30 mins |
| • Friday 16 <sup>th</sup> June | PM: | Component 3 | 1 hr 30 mins |

Area of curriculum assessed:

### **Component 1 INVESTIGATING GEOGRAPHICAL ISSUES**

- Written examination: 1 hour 45 minutes 40% of qualification 96 marks (plus 4 marks for spelling, punctuation, grammar and use of specialist terms)
- Component 1 will assess content from all three compulsory themes. \*\* Three structured questions, each of 32 marks, will include opportunities for assessment using multiple choice, data response, short open response and extended responses.

***\*\*Urbanisation / Urban and Rural Change / Development / Coasts / Weather and Climate / Rivers / Climate Change / Ecosystems Functions / Ecosystems Under Threat / Water Management***

### **Component 2 PROBLEM SOLVING GEOGRAPHY**

- Written examination: 1 hour 30 minutes 30% of qualification 72 marks (plus 4 marks for spelling, punctuation, grammar and use of specialist terms)

A problem-solving paper in three parts assessing content from across the three themes.

- Part A will introduce an issue and set the geographical context (in terms of location and scale). This structured question will include opportunities for assessment using multiple choice, data response and short open responses.
- Part B will outline a number of possible solutions to the issue. This structured question will include opportunities for assessment using multiple choice, data response and short open responses.
- Part C will provide an opportunity for the candidates to choose a solution and justify their choice following interpretation and analysis of the information and evaluation of the issue. **This is your essay that uses the MADASS structure.**



### Component 3 APPLIED FIELDWORK ENQUIRY

Written examination: 1 hour 30 minutes 30% of qualification 72 marks (plus 4 marks for spelling, punctuation, grammar and use of specialist terms)

- Part A will assess approaches to fieldwork methodology representation and analysis. ***This is your Llandudno Transects Fieldwork***
- Part B will assess how fieldwork enquiry may be used to investigate geography's conceptual frameworks. ***This is your Old Trafford/Salford Quays Fieldwork***
- Part C will assess the application of broad geographical concepts to a wider UK context and assess the ability to make and justify a decision. A similar style to the Essay Question in Paper 2. ***This is your essay that uses the MADASS structure.***

You should know how to:

- Pose geographical questions; research fieldwork methodologies; consider sampling strategies; design data collection sheets.
- Process data; present your findings; analyse patterns and trends; draw conclusions; consider limitations of the evidence / evaluate their fieldwork.

Area of curriculum assessed:

What you will need to revise for these assessments:

- Red books / Workbooks / STA Special Revision Guides
- Revision Guide Booklets
- Seneca learning - click this link to access questions  
<https://app.senecalearning.com/dashboard/class/aojsgfxtol>
- Access the centralised revision hub on SharePoint which has everything you need to succeed. Click on the link:  
<https://livanstantonys.sharepoint.com/sites/Year11RevisionMaterials>
- Past Papers – found here

[https://www.educas.co.uk/qualifications/geography-gcse-b/#tab\\_pastpapers](https://www.educas.co.uk/qualifications/geography-gcse-b/#tab_pastpapers)

These webpages will also help: ·

- <https://www.bbc.co.uk/bitesize/examspecs/ztp2qty>
- <https://www.educas.co.uk/qualifications/geography-gcse-b/s>



# Computer Science

You will need the following equipment for your Computer Science examination:

- Black Pen x 2
- Pencil
- Rubber

**Exam Dates and length of Exams:** (check your timetable for final date)

- Friday 19<sup>th</sup> May PM: Paper 1 Computer Systems: 1hr 30mins
- Thursday 25<sup>th</sup> May PM: Paper 2 Computational Thinking, Algorithms & Programming: 1hr 30mins

Area of curriculum assessed:

Students take J277/01 and J277/02 to be awarded the OCR GCSE (9–1) in Computer Science.


Content Overview	Assessment Overview
<p><b>J277/01: Computer systems</b></p> <p>This component will assess:</p> <ul style="list-style-type: none"> <li>• 1.1 Systems architecture</li> <li>• 1.2 Memory and storage</li> <li>• 1.3 Computer networks, connections and protocols</li> <li>• 1.4 Network security</li> <li>• 1.5 Systems software</li> <li>• 1.6 Ethical, legal, cultural and environmental impacts of digital technology</li> </ul>	<p><b>Written paper: 1 hour and 30 minutes</b>  <b>50% of total GCSE</b>  <b>80 marks</b></p> <p>This is a non-calculator paper.</p> <p>All questions are mandatory.</p> <p>This paper consists of multiple choice questions, short response questions and extended response questions.</p>
<p><b>J277/02: Computational thinking, algorithms and programming</b></p> <p>This component will assess:</p> <ul style="list-style-type: none"> <li>• 2.1 Algorithms</li> <li>• 2.2 Programming fundamentals</li> <li>• 2.3 Producing robust programs</li> <li>• 2.4 Boolean logic</li> <li>• 2.5 Programming languages and Integrated Development Environments</li> </ul>	<p><b>Written paper: 1 hour and 30 minutes</b>  <b>50% of total GCSE</b>  <b>80 marks</b></p> <p>This is a non-calculator paper.</p> <p>This paper has two sections: Section A and Section B. Students must answer both sections.</p> <p>All questions are mandatory.</p> <p>In Section B, questions assessing students' ability to write or refine algorithms must be answered using <b>either</b> the OCR Exam Reference Language <b>or</b> the high-level programming language they are familiar with.</p>




What you will need to revise for this assessment:

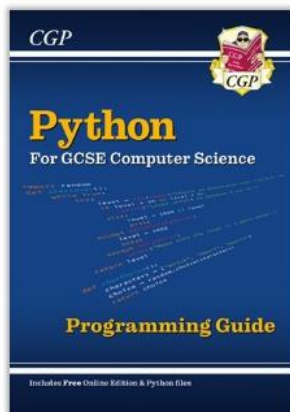
### Online Platforms

 [knowitallninja.com](https://knowitallninja.com)

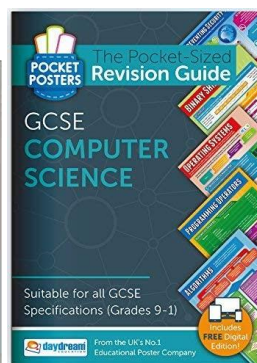
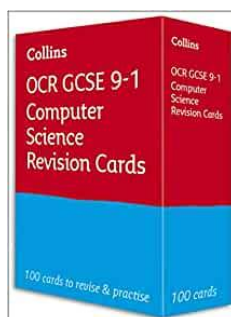
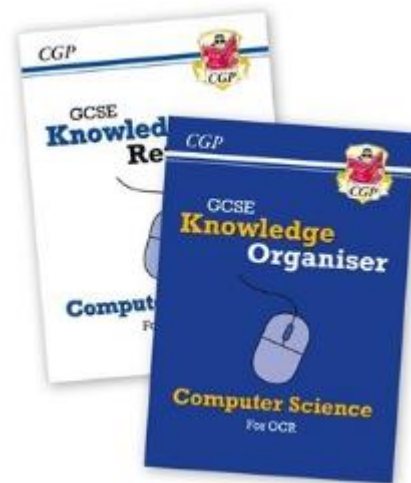
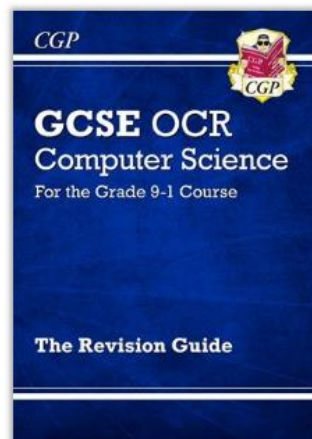
 [senecalearning.com/en-GB/](https://senecalearning.com/en-GB/)

 [smartrevise.craigndave.org](https://smartrevise.craigndave.org)

### Revision Guides & Cards




 Take a Look



## Basic Computer Programming Fundamentals

Sequence	Iteration with a count controlled loop
<pre> forename = input("Enter forename: ") surname = input("Enter surname: ") userp1 = forename[:4] + surname[:4] userp1 = userp1.lower() userp2 = "1000" print("Suggested username:", userp1 + userp2) username = input("Enter a chosen username: ") </pre>	<pre> for counter in range(1000,1003):     userp2 = str(counter)     print("Suggested username:", userp1 + userp2) </pre>
Selection	Iteration with a condition controlled loop
<pre> if len(username) &lt; 4 or len(username) &gt; 12:     print("Invalid username.") else:     print("Valid username chosen.") </pre>	<pre> username = "" while len(username) &lt; 4 or len(username) &gt; 12:     username = input("Enter a chosen username: ") </pre>
Selection	Iteration with a condition-controlled loop
<pre> switch username.length:     case &lt; 4:         print("Too few characters.")     case &gt; 12:         print("Too many characters.")     default:         print("Valid username chosen.") endswitch </pre>	<pre> do     username = input("Enter a chosen username: ") until username.length &lt; 4 or username.length &gt; 12 </pre>

## Random Number Generator – example program



```

roll = [0,0,0,0,0,0]

for die_roll=1 to 100
    number = random(1, 6)
    roll[number] = roll[number] + 1
next die_roll

for i=0 to 6
    print(i + "was rolled: " + roll[i] + " times")
next i

```



## Business

You will need the following equipment for your Business examination:

- Black pen (please have a spare)
- Pencil
- Rubber
- Ruler
- Scientific calculator

**Exam Dates and length of Exams:** (check your timetable for final date)

- |                                 |     |             |            |
|---------------------------------|-----|-------------|------------|
| • Thursday 18 <sup>th</sup> May | PM: | Component 1 | 2 hours    |
| • Monday 12 <sup>th</sup> June  | PM: | Component 2 | 1hr 30mins |

Area of curriculum assessed:

All of the curriculum will be assessed on both papers.

What you will need to revise for this assessment:

- Business activity
- Influences on Business
- Business operations
- Marketing
- Human Resources
- Finance

What you will need to revise for this assessment:

Revision guides given to you in class

Seneca revision

Flash card revision to be done in class.



## French

You will need the following equipment for your French examinations:

- Black pen (please have a spare)

**Exam Dates and length of Exams:** (check your timetable for final date)

- |                                  |     |                   |  |
|----------------------------------|-----|-------------------|--|
| • Tuesday 25 <sup>th</sup> April | AM: | Speaking Paper 2  | Higher: 10-12 min (+ prep time)<br>Foundation: 7-9 min (+ prep time) |
| • Tuesday 23 <sup>rd</sup> May   | AM: | Listening Paper 1 | Higher: 45mins<br>Foundation: 35mins                                 |
|                                  |     | Reading Paper 3   | Higher: 1hour<br>Foundation: 45mins                                  |
| • Monday 5 <sup>th</sup> June    | PM: | Writing Paper 4   | Higher: 1 hour 15mins<br>Foundation: 1hour                           |

Area of curriculum assessed:

### Theme 1: Identity and culture

Theme 1: Identity and culture covers the following four topics with related sub-topics shown as bullet points:

#### Topic 1: Me, my family and friends

- Relationships with family and friends
- Marriage/partnership

#### Topic 2: Technology in everyday life

- Social media
- Mobile technology

#### Topic 3: Free-time activities

- Music
- Cinema and TV
- Food and eating out
- Sport

#### Topic 4: Customs and festivals in French-speaking countries/communities



## Theme 2: Local, national, international and global areas of interest

Theme 2: Local, national, international and global areas of interest covers the following four topics with related sub-topics shown as bullet points:

Topic 1: Home, town, neighbourhood and region

Topic 2: Social issues

- Charity/voluntary work
- Healthy/unhealthy living

Topic 3: Global issues

- The environment
- Poverty/homelessness

Topic 4: Travel and tourism

## Theme 3: Current and future study and employment

Theme 3: Current and future study and employment covers the following four topics:

Topic 1: My studies

Topic 2: Life at school/college

Topic 3: Education post-16

Topic 4: Jobs, career choices and ambitions

What you will need to revise for this assessment:

- Revise from the structure, support and success booklet given to you in class (also emailed to you pages 1-40 foundation section and pages 40- 68 higher section).
- The themes and key grammar from BBC Bitesize:  
<https://www.bbc.co.uk/bitesize/examspecs/zr8bmfr>
- Study the 'croissant' acronym sheet given to you in class – this should be in your vocabulary book
- Your speaking exam sentence builder booklet
- Quizlet – join the class if not done so already and study the sets / play the games to help you memorise the key verbs / vocabulary or make your own interactive flashcards with the key verbs / vocab that you are struggling to remember.  
<https://quizlet.com/join/52FrqAgm3>



## Music

You will need the following equipment for your Music examination:

- Black pen (please have a spare)

**Exam Dates and length of Exams:** (check your timetable for final date)

- **Tuesday 16<sup>th</sup> May      PM:              The Music Industry – 1 hour**

Area of curriculum assessed: **The Music Industry**

What you will need to revise for this assessment:

- *Job Roles/responsibilities*
- *Unions*
- *Agencies/Licensing*
- *Employment types/contracts/wages/taxes*
- *Health and Safety*
- *Venues*
- *Organisations*
- *Publishing*

You will be given revision guides and your workbook to continue working through during the half term break.



## Art, Craft & Design (Fine Art/Graphicis/Textiles/Photography)

You will need the following equipment for your Art, Craft & Design examination:

- All sketchbooks and portfolio work must be handed in on the first day of assessment (4<sup>th</sup> May).
- All equipment and materials that are required to complete your final piece
- Any specific equipment or materials that aren't readily available e.g. specific canvas / paints (discuss with your teacher beforehand)

**Assessment Date and length of Assessment:** (check your timetable for final date)

- |                               |                   |         |
|-------------------------------|-------------------|---------|
| • Thursday 4 <sup>th</sup> :  | All Day Practical | 5 hours |
| • Friday 5 <sup>th</sup> May: | All Day Practical | 5 hours |

Area of curriculum assessed:

Unit 2 – Externally Set Task (40%)

- AO4 – "Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language"

**You need to cover the above curriculum area for AO4 by including:**

- Presented your own, imaginative ideas and outcomes
- Demonstrated the process through which you have realised your intention (your message)
- Made clear connections between the various parts of your work including that of other artists, so that it is meaningful and in a sequence that can be easily followed
- Thought carefully about the final selection and method of presentation of your work





## Food Preparation and Nutrition

You will need the following equipment for your Food examination:

- Black pen (please have a spare)

**Exam Dates and length of Exams:** (check your timetable for final date)

- **Tuesday 20<sup>th</sup> June      PM:              1hr 45min**

Area of curriculum assessed:

- Food, nutrition and health
- Food science
- Food safety
- Food choice
- Food provenance
- Food preparation skills

**You need to cover the above curriculum areas using the following resources.**

- Papers & mark schemes on Google classroom
- Revision checklist on Google classroom
- Revision quiz on Google classroom
- Quickfire GCSE questions on Google classroom
- Various other resources on Google classroom
- Knowledge Organisers (x5) based on 5 key areas of Food Preparation & Nutrition.



## Engineering Design

You will need the following equipment for your Engineering examinations:

- Black pen (please have a spare)
- Pencil
- Rubber

**Exam Dates and length of Exams:** (check your timetable for final date)

- **Monday 15<sup>th</sup> May      AM:    1hr**

Area of curriculum assessed: **Unit R105 – Design Briefs, design specifications and user requirements**

What you will need to revise for this assessment:

- The design cycle
  - Identify phase
  - Design phase
  - Optimise phase
  - Validate phase
- Identification of design needs
  - Corporate branding
  - Target audiences
  - Functions and purpose of products
  - Market research methods
  - Manufacturing processes
- The relationship between a design brief and a design specification
- Requirements of a design specification
  - Aesthetics
  - Ergonomics
  - Anthropometrics
  - Product safety
  - Target markets
  - Working environment
  - Product maintenance
  - Standard components
  - Pre-manufactured components
  - Design for manufacturing assembly
  - Design for disassembly
  - Copyright
  - Patents
  - Trademarks
  - British standards
  - European conformity



- Manufacturing considerations
  - Standard components
  - Design for manufacturing assembly (DFMA)
  - Manufacturing processes
  - Scales of production
  - Durability and reliability
  - Tolerances
- Consideration of production costs
- Regulations
  - Copyright
  - Patents
  - Trademarks
  - Registered designs
  - British standards
  - European Conformity (CE)
- Wider influences on new products
  - Market pull
  - Technological push
  - Cultural and fashion trends
- Life cycle analysis
- Sustainable design
  - 6 R's
  - Energy sourcing
  - Eco-materials
  - Disposal of non-recyclable materials
  - Environmental pressures
- New and emerging technologies
  - Design/production technologies
  - Artificial intelligence
  - Robotic manufacturing
  - Cloud computing technologies

Some useful websites for revision:

- [www.mr-dt.com](http://www.mr-dt.com)
- [www.technologystudent.com](http://www.technologystudent.com)

Other resources:

- Use your revision packs provided by Mrs Adderley



## Sport Science

You will need the following equipment for your Sport Science examinations:

- Black pen (please have a spare)
- Pencil
- Rubber

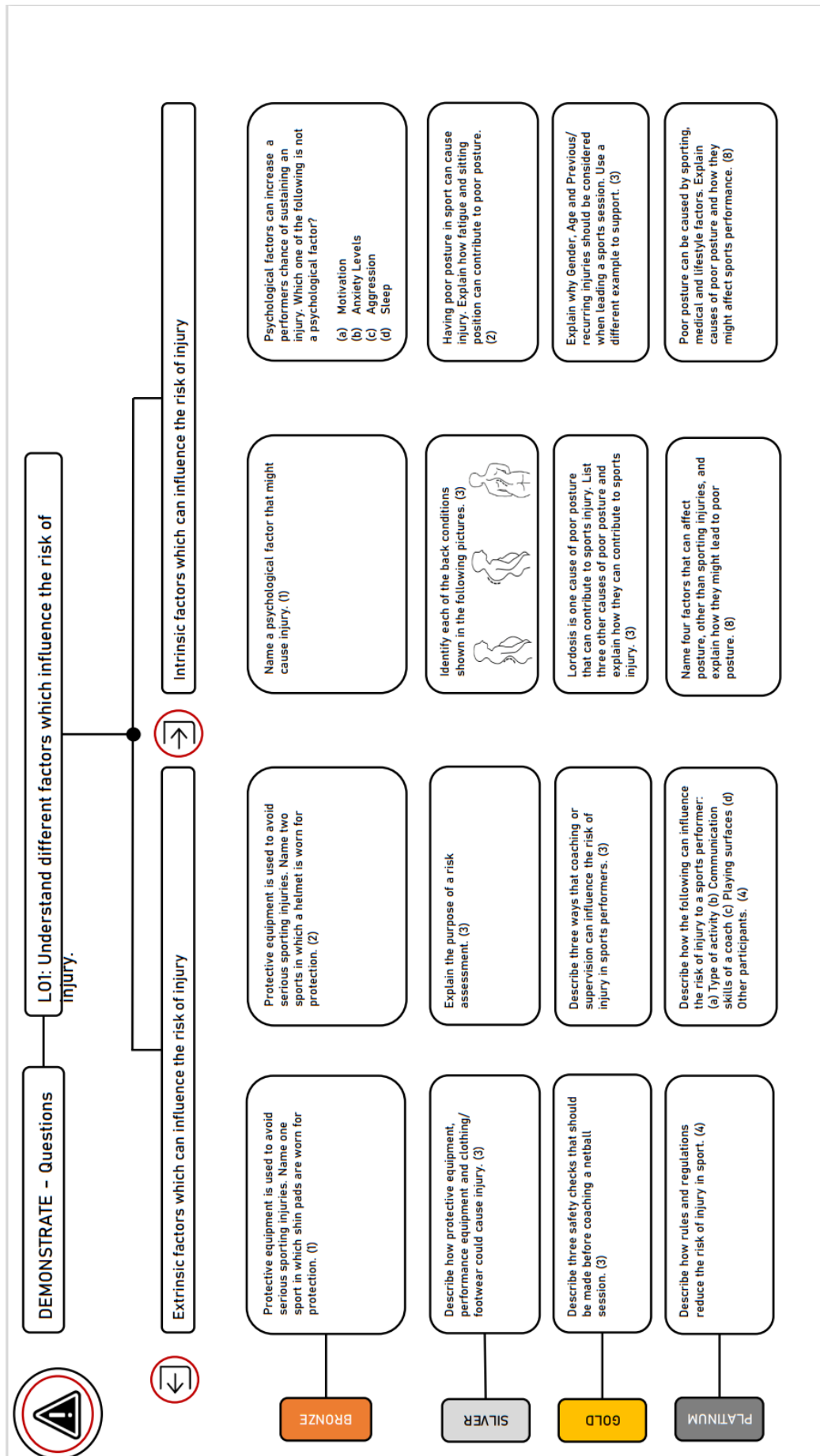
**Exam Dates and length of Exams:** (check your timetable for final date)

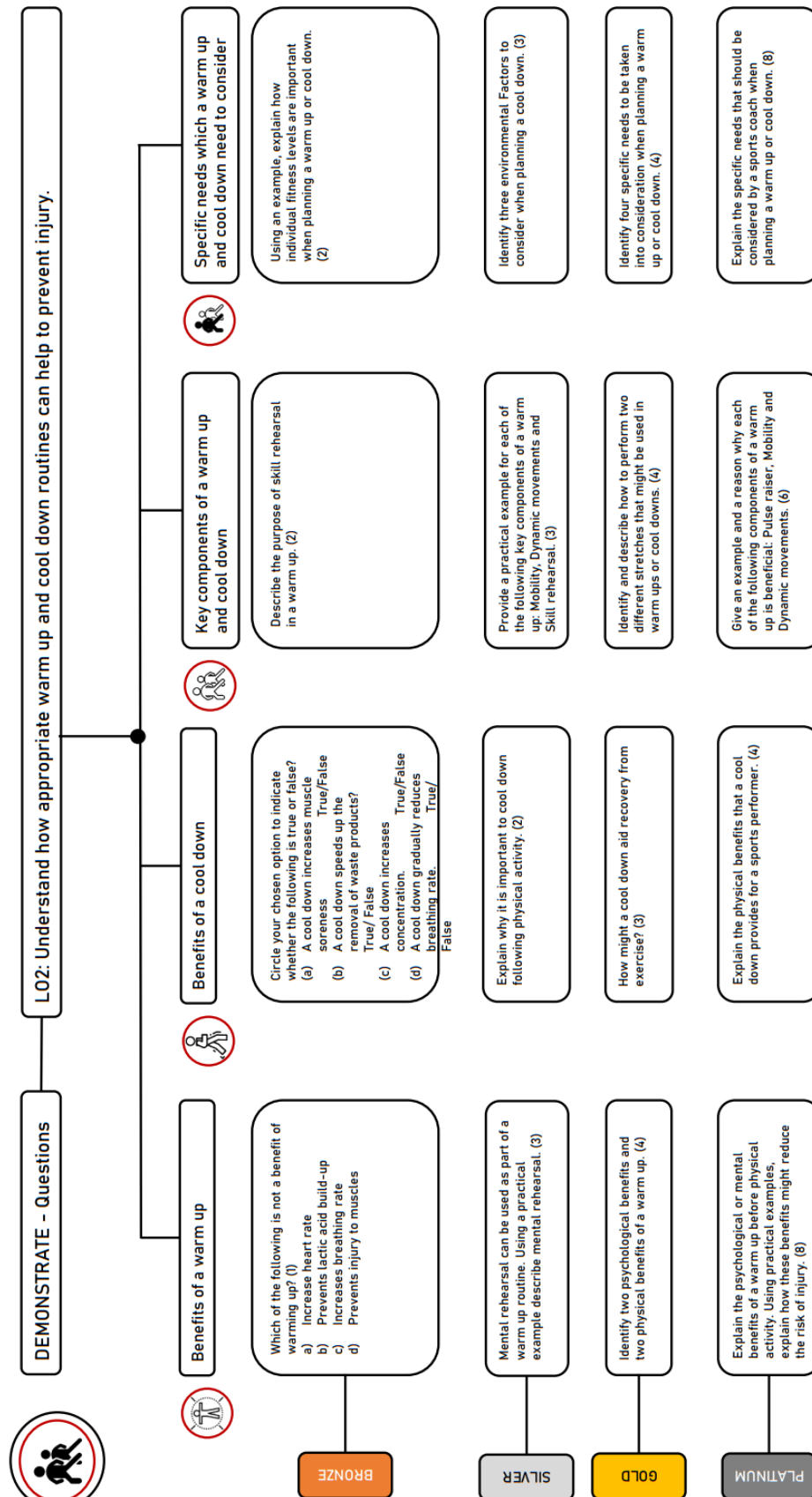
- Wednesday 24<sup>th</sup> May                      PM: 1hr

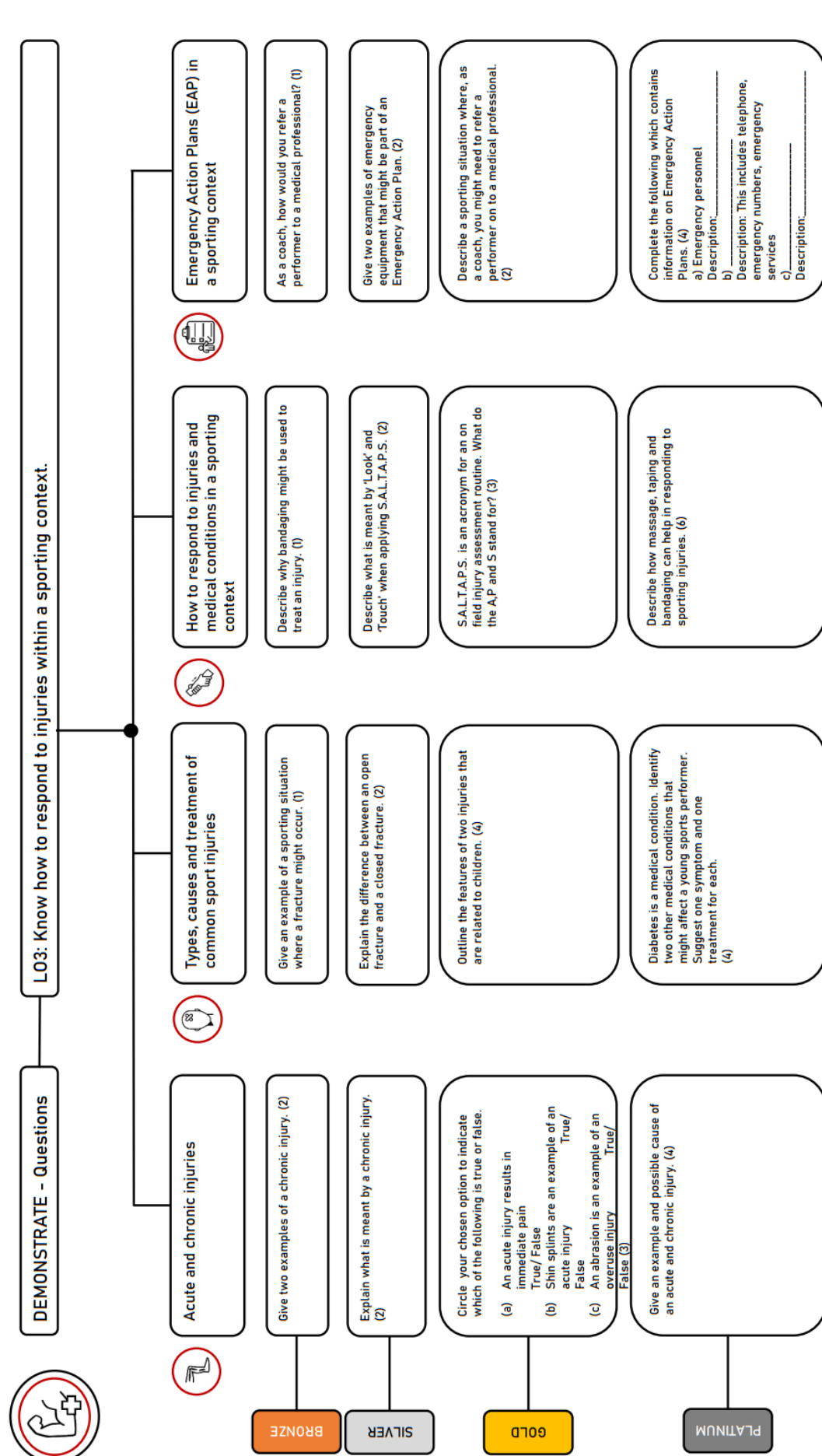
Area of curriculum assessed: **Unit R041 – Sports Injuries**

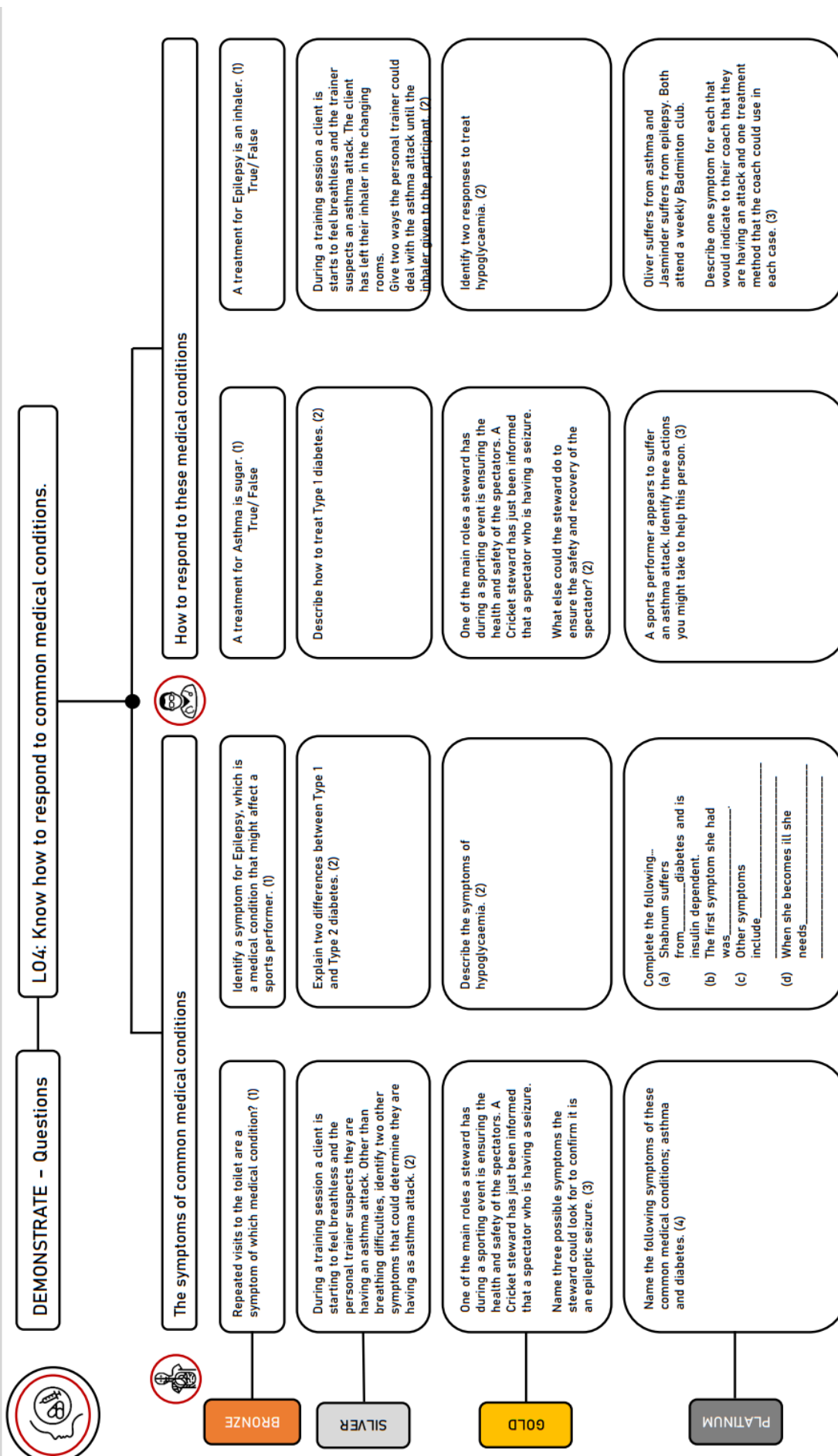
What you will need to revise for this assessment:

- PE website - [HOME | mysite-1 \(lbrownbill.wixsite.com\)](https://brownbill.wixsite.com/mysite-1)
- Class exercise book
- Attached PP presentation – Practice Questions (slides also on the following pages too)














## On your exam day

This checklist will help you to be as prepared as possible for your exams, so that on the day itself you can focus on doing your best.

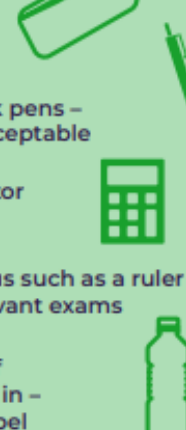
### Before sitting your exams, ensure you know:

- ☐ the date, time and location of your exams – you might find it helpful to write this information in a calendar or planner
- ☐ who to contact at school or college in case there's an emergency that makes you late or unable to sit your exam

### What you cannot take into exams:

- ☐ any type of phone
  - ☐ revision notes
  - ☐ any type of watch (this includes analogue, digital and smart watches)
- 

### What you will need:

- ☐ a clear pencil case
  - ☐ at least two black ink pens – blue pens are not acceptable
  - ☐ an approved calculator for relevant exams
  - ☐ appropriate apparatus such as a ruler or protractor for relevant exams
  - ☐ a clear water bottle if you wish to take one in – it must not have a label
- 

### Other important information:

- ☐ Listen carefully to the invigilator's instructions which will be specific to your exam. If you are unsure of anything, please raise your hand and wait for the invigilator.
- ☐ Fill in your details on the front of your answer booklet.
- ☐ If you need additional answer sheets, raise your hand and wait for an invigilator who will provide you with one. Remember to add your details to this booklet too.
- ☐ If you need to use the toilet or feel unwell, raise your hand and wait for an invigilator who will escort you from the exam room.
- ☐ Make sure you stay silent – talking to a fellow candidate could result in disqualification from all your exams.

If you have any questions about the format on the day, please ask your teacher or exams officer.



You can also find useful information about preparing for exams at [www.jcq.org.uk/exams-office/information-for-candidates-documents](http://www.jcq.org.uk/exams-office/information-for-candidates-documents)