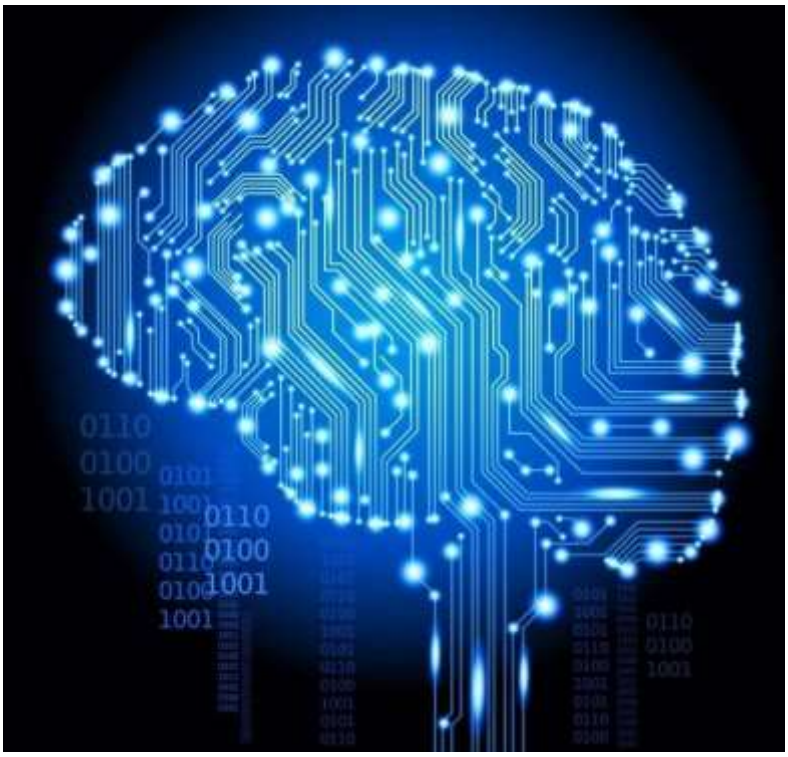
HELSTON COMMUNITY COLLEGE

ASPIRATION • AMBITION • ACHIEVEMENT



Year 10 Checkpoint 1 Preparation Kit

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What to do

- Each page has a list of topics or concepts which will be assessed in the Year 10 checkpoints. There are also links to revision resources on various websites. Use this alongside the Revision guide from tutor time to get ready for your Year 10 checkpoint.
- Subjects which are not running a tests as their form of assessment are not included in the guide.
- To find the correct date please look up the class codes on Class Charts.

Business Studies: 10Bu.A (9/1/26) 10Bu.B (9/1/26) 10Bu.C (8/1/26)

Topics to revise:

1. Introduction Lesson
2. The Dynamic Nature of Business
3. Risk and Reward
4. The Role of Business Enterprise
1. Customer Needs
2. Market Research
3. Market Mapping

Revision resources:

Knowledge Organisers

Topic 1.1 Enterprise and Entrepreneurship 

Topic 1.2 Spotting a Business Opportunity 

Showbie Topics:

- Topic 1 – Investigating small business – sub topics as above found on each class 10Bu.A, 10Bu.B and 10Bu.C
- Knowledge Organiser Complete Revision (1.1 and 1.2 only)

Smart Revise https://smartrevise.online/ 

Computing: 20 /01/ 26

Topics to revise:

1. 1.Architecture of the CPU
2. Common CPU components and their function
3. Common CPU components and their function
4. Von Neumann Architecture
5. Fetch-Decode-Execute
6. How common characteristics of CPUs affect their performance
7. How common characteristics of CPUs affect their performance
8. The purpose and characteristic of embedded systems
9. Principles of computational thinking
10. Abstraction
11. Decomposition
12. Algorithmic Thinking.
13. Algorithmic Thinking.
14. Identify the inputs, processes, and outputs for a problem
15. Flow diagrams

Revision resources:

GCSE Computer Science - J277 Knowledge Organiser

Showbie Topics:

Unit 1.1 Systems Architecture

Unit 2.1 Algorithms

Smart Revise https://smartrevise.online/

Design Technology (Engineering): 5/11/26 or 10/11/26

10Dt.B – LFo – 05/11/26 **10Dt.A – OJo – 10/11/26**

Topics to revise:

Technical Knowledge – Core Technical Principles – Broad coverage of the topics so far.

- Materials – Properties & characteristics; Stock forms & standard components.
- Data – Calculating costs; Presentation of data, diagrams, charts; Drawing & interpreting graphs.

Visual Communication – Coverage associated with selected presentation processes, covered as part of the Visual Communication project.

- Technical Drawing – Isometric; One point perspective; Two point perspective; 3rd angle orthographic; Exploded diagram; Rendering.
- Manufacturing – Properties & characteristics; Standard components; Production methods; Jigs; templates & patterns.

Revision resources:

Resources associated with course content have been shared through Showbie. These include: General D&T revision resources; Past Papers; Knowledge Organisers, associated to project topics, delivered throughout the year. In addition to the Showbie, pupils have access to the D&T SENECA platform (link shared through Showbie).

Other useful resources include:

BBC Bitesize	D&T Student	Seneca
GCSE Design and Technology - AQA - BBC Bitesize	Design & Technology Student	https://app.senecalearning.com/

Drama: 5/11/26

The test will be on the set text (Macbeth). There will be 4 questions about the play ranging from 2 marks to 12 marks.

During the test, you will write all answers in continuous prose (paragraphed writing).

Topics to revise:

- Actors vocal (pitch, tempo, tone, volume, pause, emphasis, silence) and physical (gesture, movement, stance, gait, mannerisms, facial expressions) skills.
- The plot of Macbeth
- Your interpretation of the characters and how you would perform them.

Resources:

Macbeth play text (a key extract which you will have in the exam)

Eduqas – past papers: GCSE Drama | Eduqas

BBC Bitesize - Preparing for the written exam - How to answer set text exam questions - Eduqas - GCSE Drama Revision - Eduqas - BBC Bitesize

Macbeth lessons we've done – on Showbie

You will have a preparation lesson on 3/11/26, with Mrs Crawshaw.

English: (09/11/26 - Period 1: k, l, m, n; Period 3: q, p, r, s, t)

Topics to revise:

(English Literature) An Inspector Calls – plot, characters, themes, key quotes, writer's methods (inc. dramatic devices) and context.

Revision resources:

BBC GCSE Bitesize: https://www.bbc.co.uk/bitesize/topics/zpr639q

BBC GCSE English Literature Podcasts: www.bbc.co.uk/bitesize/topics/zk3dmbk/articles/zrw2p9q

York Notes Revision Guide: www.pearsonschoolsandfecolleges.co.uk/asset-library/pdf/Secondary/englishliterature/york-notes-gcse/samples-rapid/york-notes-for-gcse-rapid-revision-an-inspector-calls.pdf

Mr Bruff Revision Videos: www.youtube.com/playlist?list=PLqGFsWf-P-cDvuiSH8SycEDh1Ugke9tmb

Mr Salles Revision Videos: www.youtube.com/playlist?list=PLQovVw7yuGiLoPbnOHf5Stxx95vZ3tlo2

Physics & Maths Tutor: https://www.physicsandmathstutor.com/english-revision/gcse-aqa/an-inspector-calls/

Tutorin: https://www.tutor-in.co.uk/an-inspector-calls-themes-gcse-english/

Knowledge organiser: https://thedeanacademy.org/wp-content/uploads/2019/10/English-Y10-An-Inspector-Calls-Knowledge-Organiser.pdf

Food Science and Nutrition: 10Tf.A (10/11/26) 10Tf.B (9/11/26) 10Tf.C (10/11/26)

Topics to revise:

- Basic macro and micronutrients
- Proteins, Protein Foods and Ammino Acids
- Denaturation
- Food Hygiene, Food safety
- Basic nutrients and food and nutrition at different age groups.
- Meat as a commodity, farming and meat cuts
- Poultry, nutrition, cooking and food hygiene with poultry

Revision resources:

- Knowledge Organisers: Showbie classes
- Lesson Revision: Showbie Classes

French: 10/11/2026

Topics to revise:

Foundation Module 1 Free time and online life/use of technology

ASSESSMENT SKILLS: Listening, Reading and writing

Listening: You will have some listening comprehension tasks based on the themes we have studied and you will also have a dictation task to complete.

Reading: You will have some reading comprehension questions based on texts on the themes we have studied and 5 sentences to translate into English

Writing: You will have a photo to describe, a grammar gap fill section of 5 questions and a 50+ word essay to write in which you will need to write in the past present and future.

GRAMMAR:

You will need knowledge of the present tense, adjectival agreement, gender, immediate future tense and subject pronouns

You will also need to know general sentence structure (time phrases, activities, who/where/when, opinion , extra details)

Make mind maps of the main grammar points and practice structured sentences.

Use languages online and language gym to practise the relevant grammar points.

Use your vocab books, Quizlet and previous lessons to help you study the themes.

Revision resources:

- Use the classroom notes from your books and Showbie
- Use the sentence making grids from lessons
- Look, write, cover, check
- Get someone to test you on your vocab
- Set yourself up some verb drills on language gym
- Create revision resources in study stack (set yourself up with a free account).

Geography: 10G.A 10G.B1 and 10G.B2 (2/11/26) 10G.C1 and 10G.C2 (04/11/26)

Topics to revise:

- Challenge of Natural Hazards – Climate change, Tectonic Hazards.

Revision resources:

- Your Showbie classrooms will have all lesson resources on them. They will also have a folder dedicated to 'revision' with worksheet resources you can use for your exam preparation.
- Internet geography:
    - Amatrice Earthquake Case Study - Internet Geography
    - Nepal Earthquake 2015 - Internet Geography
    - The Challenge of Natural Hazards - Internet Geography
- Seneca - Learn 2x Faster (senecalearning.com)
- On SENECA - Students can work through the AQA - The Challenges of Natural Hazards:
- Sections 1.1 - Natural Hazards, 1.2 - Tectonic Hazards and 1.4 - Climate change.

History: 10H.A1,2 and 10C (10/11/26), 10B (09/11/26)

GCSE HISTORY (OCR SHP B)

The first checkpoint test is forty-five minutes long. You will answer a set of **three** past questions from a real GCSE paper, from the first half of the People's Health component 1250 to 1750 - Medieval Health and Early Modern Health:

- Q1) Three 'short answer' style questions [1 mark each]
- Q2) A clear and organised summary that analyses something from the first two units [9 marks]
- Q3) A "mini-essay" question which requires you to evaluate a summary statement, or named factor of change, covering the first two periods in depth [18 marks]

Revision resources can be found in the following new Showbie:

Y10 GCSE HISTORY Assessment and Revision:

ACCESS CODE: **EBHQZW**

BBC BITESIZE is also a very useful free resource for general revision:

Make sure that you scroll down the webpage to the section called: **The People's Health, c.1250 to the present day** where there are sections on Medieval and Early Modern Health to explore.

Maths: 2/11/26

Your first Year 10 Checkpoint Assessment will assess content from the following three modules:

1. **Algebraic Manipulation**
2. **Equations, Inequalities and Formulae**
3. **Quadratic Expressions and Equations**

The assessment will take place on **Monday 2nd November during Period 1** in your normal maths lesson. It will last **60 minutes** and will be a **non-calculator assessment**.

The assessment will take place in your usual maths classroom unless you have an approved examination access arrangement, in which case your maths teacher will direct you to an alternative room on the day.

Please use the list below to revise thoroughly and come prepared on the day with your full set of mathematical equipment.

Module 1: Algebraic Manipulation

Revision Objective	Sparx Code(s)	✓
Substitute values into algebraic expressions and formulae.	U201, U585	☐
Collect like terms and simplify algebraic expressions.	U105	☐
Apply the laws of indices, including addition and subtraction laws for indices and powers of powers.	U235, U662	☐
Expand a single bracket into a simplified expression.	U179	☐
Factorise expressions into a single bracket by identifying common factors.	U365	☐

Higher Tier Additional Content

Revision Objective	Sparx Code(s)	✓
Apply index laws to more complex algebraic expressions.	U235, U662	☐

Module 2: Equations, Inequalities and Formulae

Revision Objective	Sparx Code(s)	✓
Solve linear equations involving one or more steps.	U755, U325	☐
Solve equations containing fractions.	U505, U325	☐

Revision Objective	Sparx Code(s)	✓
Solve equations where the unknown appears on both sides.	U870	☐
Understand and interpret inequality notation, including representing solutions on number lines.	U509	☐
Solve linear inequalities and represent their solutions.	U759	☐
Rearrange simple formulae to make a different subject.	U675	☐
Rearrange multi-step formulae to change the subject.	U181	☐
Rearrange more complex formulae.	U181	☐

Higher Tier Additional Content

Revision Objective	Sparx Code(s)	✓
Represent solutions to inequalities using set notation.	U296	☐
Rearrange complex formulae involving several algebraic steps.	U181	☐
Rearrange formulae where the required subject appears more than once.	U191	☐

Module 3: Quadratic Expressions and Equations

Revision Objective	Sparx Code(s)	✓
Expand double brackets.	U768	☐
Factorise quadratic expressions of the form $x^2 + bx + c$.	U178	☐
Factorise more difficult quadratic expressions.	U858	☐
Factorise and simplify expressions involving the difference of two squares.	U963	☐
Solve quadratic equations that are equal to zero.	U228	☐
Solve quadratic equations by factorisation.	U228, U960	☐
Plot and interpret quadratic graphs of the form $y = x^2 + a$.	U989, U667	☐

Higher Tier Additional Content

Revision Objective	Sparx Code(s)	✓
Expand triple brackets.	U606	☐
Factorise more complex quadratic expressions, including those with a coefficient of x^2 greater than 1.	U858	☐
Solve more complex quadratic equations by factorisation.	U960	☐
Complete the square for quadratic expressions.	U397	☐
Complete the square for more complex quadratic expressions.	U397	☐
Solve quadratic equations by completing the square.	U589	☐
Solve quadratic equations using the quadratic formula.	U665	☐

Revision Checklist Summary

- ☐ Algebraic Manipulation completed
- ☐ Equations, Inequalities and Formulae completed
- ☐ Quadratic Expressions and Equations completed

Good luck with your revision.

Consistent practice, completing Sparx tasks and revisiting examples from classwork and exercise books will be the best preparation for success.

Media Studies: 10/11/2026

The test will take the form of a partial Media One, Section A Paper.

Q1 will be multiple choice on an unseen media product. [1 mark]

Q2 will feature an unseen media product [8 marks]

Q3 will be a question on either the Galaxy or NHS Represent advert and will focus on an aspect of media language. [12 marks]

Q4 will be a question on representations on either the Galaxy or NHS Represent advert [6 marks]

Q5 will be a question on narrative or genre and again could focus on either product.

During the test, you will write your answers in continuous prose (paragraphed writing) on a paper which will be set out exactly as the real exam will be.

Topics to revise:

- Semiotics
- Print and digital media codes
- All Core Ideas covered so far
- All notes on NHS Represent and the Galaxy advert

Revision resources:

· Print and digital media terminology sheet (all the terms we have covered in class)

· The Core Ideas cards that are ticked in the columns on the index

· Podcasts on the Galaxy and NHS Represent adverts

· Revision notes and materials under revision folder in Showbie

You will be expected to demonstrate knowledge of media theories and subject-specific terminology on every question.

CORE IDEAS GCSE MEDIA STUDIES: INDEX

1	THE ROLE OF MEDIA LANGUAGE CHOICES	
2	BASIC SEMIOTIC TERMS	✓
3	SEMIOTICS: TYPES OF SIGN	✓
4	LINEAR MODEL OF COMMUNICATION	
5	AUDIO-VISUAL CODES: MISE-EN-SCENE	✓
6	AUDIO-VISUAL CODES: CAMERAWORK	✓
7	AUDIO-VISUAL CODES: EDITING	✓
8	AUDIO CODES: SOUND	✓
9	PRINT AND DIGITAL MEDIA CODES	✓
10	NARRATIVE THEORY: TODOROV	✓
11	NARRATIVE THEORY: BARTHES	✓
12	NARRATIVE THEORY: PROPP	✓
13	NARRATIVE THEORY: LEVI-STRAUSS	✓
14	KEY TERMS IN NARRATIVE STUDY FOR TV	
15	EVOLUTION & DEVELOPMENT OF GENRES	✓
16	GENRE THEORY: STEVE NEALE	✓
17	INTERTEXTUALITY	✓
18	PARTICIPATORY & CONSUMER CULTURE	
19	DEVELOPMENTS IN TECHNOLOGY & MEDIA LANG.	
20	REPS: WHO, WHAT, HOW & WHY	✓
21	RECEPTION THEORY	✓
22	DOMINANT IDEOLOGY & VALUE SYSTEMS	
23	SELECTIVE, BIASED, PREJUDICIAL REPS.	
24	REPS: SELECTION, FOCUSING & EXCLUSION	✓
25	STEREOTYPES	✓
26	ESSENTIALIST V SOCIAL CONSTRUCTIONIST VIEWS	✓
27	FEMINISM & MEDIA REPRESENTATIONS	✓
28	MASCULINITY & MEDIA REPRESENTATION	✓
29	HOW THE MEDIA INDUSTRY TARGETS AUD	
30	NICHE & MAINSTREAM AUDIENCES	
31	DEMOGRAPHICS & GEOGRAPHICS	
32	PSYCHOGRAPHICS	
33	MEASURING AUDIENCES	
34	AUDIENCE: USES & GRATIFICATIONS THEORY	
35	MEDIA EFFECTS	
36	MEDIA AUDIENCES & TECHNOLOGICAL CHANGE	
37	IDENTITIES AND THE MEDIA	
38	FANS AND FANDOMS	
39	STAR THEORY	
40	UNDERSTANDING HISTORICAL MEDIA AUDIENCES	
41	THE CHANGING FACE OF THE MASS MEDIA	
42	OWNERSHIP AND CONTROL	
43	MEDIA INDUSTRY BUSINESS TERMS 1	
44	MEDIA INDUSTRY BUSINESS TERMS 2	
45	MEDIA REGULATORY BODIES	
46	REGULATION OF DIGITAL MEDIA	
47	TWO TYPES OF CONVERGENCE	
48	GLOBALISATION & CULTURAL IMPERIALISM	
49	NEWS VALUES AND AGENDA-SETTING	
50	WIDER CONTEXTS	✓

Music – 04/11/2026

Topics to revise:

AREA OF STUDY 1
You will listen to extracts of unfamiliar music from the **Coronation Anthems and Oratorios of Handel**. You will need to recognise the typical features of this music

LISTENING SKILLS

You will listen to extracts of unfamiliar music and answer questions using the following skills:

Instrumentation/ Timbre /Sonority

- Aurally recognise instruments of the orchestra
- Aurally recognise soprano, alto, tenor and bass voice types

Melody

- Aurally recognise features of melody: conjunct/ disjunct, scalic/triadic, ascending/descending sequence
- Aurally recognise intervals: 2nd, 3rd, 4th, 5th, 6th, 7th, octave
- Aurally recognise ornaments: trills, turns, grace notes, mordents
- Complete a melodic dictation exercise: notate a small section of a melody

Texture

- Aurally recognise textures: monophony, homophony, polyphony

Revision resources:

Showbie Revision for Autumn checkpoint test

Science and Triple Science – Double Award Science

02/11/26: 10B.p, 10Sc.l, 10Sc.m, 10Sc.n, 10Sc.r, 10Sc.s, 10Sc.t, 03/11/26: 10Sc.q, 10C.p, 04/11/26: 10B.k, 05/11/26: 10C.k, 06/11/26: 10Sc.m, 09/11/26: 10Sc.l, 10Sc.n, 10Sc.q, 10Sc.r, 10Sc.s, 10Sc.t, 10P.p, 10/11/26: 10P.k

All students should be doing bio and chem and only triple scientists will do the extra physics checkpoint

Topics to revise:		**Exam dates**
Biology – All students	B1 Cell biology	10B.k Miss Long 4/11/26 10B.p Mrs Davies 2/11/26 10Sc.l / 10Sc.m / 10Sc.n / 10Sc.r / 10Sc.s / 10Sc.t - Mon 2/11/26 10Sc.q Tue 3/11/26
Chemistry – All students	C1 Atomic structure and the Periodic table	10C.k Mr Hitchcock 5/11/26 10C.p Miss Watson 3/11/26 10Sc.l / 10Sc.n / 10Sc.q / 10Sc.r / 10Sc.s / 10Sc.t - Mon 9/11/26 10Sc.m Fri 6/11/26
Physics – **Triple only**	P1 Energy	10P.k Mrs Mullins 10/11/26 10P.p Mr Bannon 9/11/26

- A Showbie Science revision room for you to join with additional revision resources Code: E2GCCE
- Knowledge organiser, checklists and revision maps have been allocated to you via Showbie
- Sets of exam questions has also been allocated for you to use as part of your revision.

Revision resources:

- Past papers – download from the AQA website AQA | Find past papers and mark schemes
- Revision guide, workbooks, revision card pack can be ordered from the school shop.
- Cognito videos with linked worksheets for each small topic/key concept Cognito - YouTube
- Seneca learning Free Homework & Revision for A Level, GCSE, KS3 & KS2 (senecalearning.com)

Content	**Details of resources available from Seneca learning.**	
B1 - Cell Biology	Seneca Learning Biology Course: Cell Biology Folder	
C1 - Atomic Structure and the Periodic Table	Seneca Learning Combined Science: Biology Course: Atomic Structure and the Periodic Table Folder	
P1 - Energy	Seneca Learning Combined Science: Physics Course: Energy Folder	

Content	**Resources from Cognito**	**Details of video link from Cognito**
B1 - Cell Biology	Cognito Resources - Past Papers - GCSE > Qs by Topic > Biology > AQA	GCSE Biology (9-1) - YouTube

C1 - Atomic Structure and the Periodic Table	Cognito Resources - Past Papers - GCSE > Qs by Topic > Chemistry > AQA	GCSE Chemistry (9-1) - YouTube
P1 - Energy	Cognito Resources - Past Papers - GCSE > Qs by Topic > Physics > AQA	GCSE Physics (9-1) - YouTube

Spanish: 10Sp.D (9/11/26)

Topics to revise:

Foundation Module 1 Free time and online life/use of technology and celebrity culture.

ASSESSMENT SKILLS: Listening, Reading and writing

Listening: You will have some listening comprehension tasks based on the themes we have studied and you will also have a dictation task to complete.

Reading: You will have some reading comprehension questions based on texts on the themes we have studied and 5 sentences to translate into English

Writing: You will have a photo to describe, a grammar gap fill section of 5 questions and a 50+ word essay to write in which you will need to write in the past present and future.

GRAMMAR:

You will need knowledge of the present tense, adjectival agreement, gender, immediate future tense and subject pronouns (e.g. yo = I tu = you él/ella = he/she etc)

You will also need to know general sentence structure (time phrases, activities, who/where/when, opinion , extra details)

Make mind maps of the main grammar points and practice structured sentences.

Use languages online and language gym to practise the relevant grammar points.

Use your vocab books, Quizlet and previous lessons to help you study the themes.

Revision resources:

- Use the classroom notes from your books and Showbie
- Use the sentence making grids from lessons
- Look, write, cover, check
- Revise the vocab from your vocab books (you can make cards to play games with English/Spanish or log into Quizlet and make sets)
- Get someone to test you on your vocab
- Set yourself up some verb drills on language gym
- Create revision resources in study stack (set yourself up with a free account).

Suggested timings and good habits

Suggested revision session timings

25 minutes on a topic
5 minutes break
25 minutes on a different topic
5 minutes break
25 minutes on a different topic
5 minutes break
25 minutes on a different topic.

This means you can revise four different topics in two hours. If you want to revise for a longer period, stick with the 25 minute sessions and do more of them (with 5 minute breaks in between).

In your breaks, make sure that you move around, drink water, eat something.

If you are planning to revise a topic for the first time, you may want to produce a mind map or make flash cards.

If you are revisiting a topic, then it would be sensible to focus on retrieving the mind map or the flash card from memory (then checking how successful you were in remembering the key information), or complete some past paper questions.

Reward yourself at the end of each productive revision session.



Avoid all distractions:

- ⇨ Be honest and strict with yourself;
- ⇨ Keep your TV, computer, laptop, iPad, phone, WhatsApp, Instagram, Snapchat and any games **away;**
- ⇨ Music can interfere with your thinking – switch it off until you have your break;
- ⇨ Do not waste time or delay starti