Autumn Term

Term 1

Computer Science

Year 10

Name: _____

Tutor: _____

Year 10 Homework Timetable

Monday	English Task 1	Ebacc Option A Task 1	Option C Task 1
Tuesday	Option B Task 1	Sparx Science	Science Task 1
Wednesday	Sparx Maths	Option C Task 2	Sparx Science
Thursday	Ebacc Option A Task 2	Sparx Maths	Option B Task 2
Friday	Sparx Science	Science Task 2	English Task 2

Sparx Science
• **Complete 100% of their assigned homework each week**
Sparx Maths
• **Complete 100% of their assigned homework each week**

Option A (EBACC)	Option B	Option C
Computer Science	Business Studies	Art
Languages	Hospitality and Catering	Business Studies
Geography	Drama	Hospitality and Catering
History	Music	Computer Science
	Geography	Drama
	Health and Social Care	Photography
	ICT	Science (Triple)
	Media Studies	Sport
	Music	
	Sport	
	Travel and Tourism	

Half Term 1 (8 weeks) - Year 10		
Week / Date	**Homework task 1 Cornell Notes**	**Homework task 2 Exam Question**
Week 1 1st September 2025	**Cornell Notes on both of the following videos:** 1.1 Purpose of the CPU 1.1 CPU Components	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 2 8th September 2025	**Cornell Notes on both of the following videos:** 1.1 Von Neumann Architecture 1.1 CPU Performance	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 3 15th September 2025	**Cornell Notes on both of the following videos:** 1.1 Embedded Systems 1.2 Need for Primary Storage	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 4 22nd September 2025	**Cornell Notes on both of the following videos:** 1.2 RAM and ROM 1.2 Virtual Memory	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 5 29th September 2025	**Cornell Notes on both of the following videos:** 1.2 Need for Secondary Storage 1.2 Common storage types	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 6 6th October 2025	**Cornell Notes on both of the following videos:** 1.2 Suitable storage devices 1.2 Units of data storage	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 7 13th October 2025	**Cornell Notes on both of the following videos:** 1.2 Processing binary data 1.2 Data capacity calculations	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 8 20th October 2025	**Cornell Notes on both of the following videos:** 1.2 Denary to Binary 1.2 Binary addition	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/

Half Term 2 (7 weeks) - Year 10		
Week / Date	**Homework task 1** **Cornell Notes**	**Homework task 2** **Exam Question**
Week 9 3rd November 2025	**Cornell Notes on both of the** **following videos:** 1.2 Denary to Hexadecimal 1.2 Binary Shifts	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 10 10th November 2025	**Cornell Notes on both of the** **following videos:** 1.2 Representing Characters 1.2 Representing Images	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 11 17th November 2025	**Cornell Notes on both of the** **following videos:** 1.2 Representing Sound 1.2 Compression	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 12 24th November 2025	**Cornell Notes on both of the** **following videos:** 1.3 Types of Network 1.3 Network performance	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 13 1st December 2025	**Cornell Notes on both of the** **following videos:** 1.3 Client-server & Peer-to-Peer 1.3 LAN Hardware	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 14 8th December 2025	**Cornell Notes on both of the** **following videos:** 1.3 The Internet 1.3 Star and Mesh Topologies	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/
Week 15 15th December 2025	**Cornell Notes on both of the** **following videos:** 1.3 Modes of Connection 1.3 Wireless Encryption	Exam-style questions will be completed on Smart Revise each week. https://smartrevise.online/

STEP 2: CREATE CUES

What: Reduce your notes to just the essentials.

What: Immediately after class, discussion, or reading session.

How:
- Jot down key ideas, important words and phrases
- Create questions that might appear on an exam
- Reducing your notes to the most important ideas and concepts improves recall. Creating questions that may appear on an exam gets you thinking about how the information might be applied and improves your performance on the exam.

Why: Spend at least ten minutes every week reviewing all of your previous notes. Reflect on the material and ask yourself questions based on what you've recorded in the Cue area. Cover the note-taking area with a piece of paper. Can you answer them?

STEP 1: RECORD YOUR NOTES

What: Record all keywords, ideas, important dates, people, places, diagrams and formulas from the lesson. Create a new page for each topic discussed.

When: During class lecture, discussion, or reading session.

How:
- Use bullet points, abbreviated phrases, and pictures
- Avoid full sentences and paragraphs
- Leave space between points to add more information later

Why: Important ideas must be recorded in a way that is meaningful to you.

STEP 3: SUMMARISE & REVIEW

What: Summarise the main ideas from the lesson.
What: At the end of the class lecture, discussion, or reading session.
How: In complete sentences, write down the conclusions that can be made from the information in your notes.
Why: Summarising the information after it's learned improves long-term retention.

WEEK 1: Cornell Notes (Homework task 1)

1.1 Purpose of the CPU
1.1 CPU Components
ClearRevise Revision Guide: Page 2 and 3

Links	Notes
Links	**Notes**
Select the topic(s) for this week from: https://craigndave.org/ocr-gcse-j277-videos/ **Questions**	

Summary

WEEK 1: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 1: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 2: Cornell Notes (Homework task 1)

1.1 Von Neumann Architecture
1.1 CPU Performance
ClearRevise Revision Guide: Page 3, 4 and 5

Links	Notes
 Select the topic(s) for this week from: https://craignda ve.org/ocr-gcse -j277-videos/ **Questions**	

Summary

WEEK 2: Exam Question (Homework task 2)

☐ Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 2: Exam Question review and improvement (Classwork)

☐ Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 3: Cornell Notes (Homework task 1)

1.1 Embedded Systems
1.2 Need for Primary Storage
ClearRevise Revision Guide: Page 4, 5 and 6

Links	Notes
Select the topic(s) for this week from: https://craignda ve.org/ocr-gcse -j277-videos/ **Questions**	

Summary

WEEK 3: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 3: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 4: Cornell Notes (Homework task 1)

1.2 RAM and ROM
1.2 Virtual Memory
ClearRevise Revision Guide: Page 6 and 7

Links	Notes
Links	
Select the topic(s) for this week from: https://craignda ve.org/ocr-gcse -j277-videos/ **Questions**	

Summary

WEEK 4: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 4: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 5: Cornell Notes (Homework task 1)

1.2 Need for Secondary Storage
1.2 Common storage types
ClearRevise Revision Guide: Page 8 and 9

Links	Notes
Select the topic(s) for this week from: https://craigndave.org/ocr-gcse-j277-videos/ **Questions**	

Summary

WEEK 5: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 5: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 6: Cornell Notes (Homework task 1)

1.2 Suitable storage devices
1.2 Units of data storage
ClearRevise Revision Guide: Page 8, 9 and 11

Links	Notes
Links	**Notes**
Select the topic(s) for this week from: https://craignda ve.org/ocr-gcse -j277-videos/ **Questions**	

Summary

WEEK 6: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 6: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 7: Cornell Notes (Homework task 1)

1.2 Processing binary data
1.2 Data capacity calculations
ClearRevise Revision Guide: Page 11

Links	Notes
Links Select the topic(s) for this week from: https://craignda ve.org/ocr-gcse -j277-videos/ **Questions**	

Summary

WEEK 7: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 7: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 8: Cornell Notes (Homework task 1)

1.2 Denary to Binary
1.2 Binary addition
ClearRevise Revision Guide: Page 12 and 13

Links	Notes
Select the topic(s) for this week from: https://craigndave.org/ocr-gcse-j277-videos/ **Questions**	

Summary

WEEK 8: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 8: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 9: Cornell Notes (Homework task 1)

1.2 Denary to Hexadecimal
1.2 Binary Shifts
ClearRevise Revision Guide: Page 14, 15 and 16

Links	Notes
Links	
Select the topic(s) for this week from: https://craignda ve.org/ocr-gcse -j277-videos/ **Questions**	

Summary

WEEK 9: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 9: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 10: Cornell Notes (Homework task 1)

1.2 Representing Characters
1.2 Representing Images
ClearRevise Revision Guide: Page 17 and 18

Links	Notes
Select the topic(s) for this week from: https://craignda ve.org/ocr-gcse -j277-videos/ **Questions**	

Summary

WEEK 10: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 10: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 11: Cornell Notes (Homework task 1)

1.2 Representing Sound
1.2 Compression
ClearRevise Revision Guide: Page 19 and 20

Links	Notes
Select the topic(s) for this week from: https://craignda ve.org/ocr-gcse -j277-videos/ **Questions**	

Summary

WEEK 11: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 11: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 12: Cornell Notes (Homework task 1)

1.3 Types of Network
1.3 Network performance
ClearRevise Revision Guide: Page 23

Links	Notes
Links	
Select the topic(s) for this week from: https://craigndave.org/ocr-gcse-j277-videos/ **Questions**	

Summary

WEEK 12: Exam Question (Homework task 2)

☐ Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 12: Exam Question review and improvement (Classwork)

☐ Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 13: Cornell Notes (Homework task 1)

1.3 Client-server & Peer-to-Peer
1.3 LAN Hardware
ClearRevise Revision Guide: Page 24, 26 and 27

Links	Notes
  Select the topic(s) for this week from: https://craignda ve.org/ocr-gcse -j277-videos/ **Questions**	

Summary

WEEK 13: Exam Question (Homework task 2)

☐ Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 13: Exam Question review and improvement (Classwork)

☐ Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 14: Cornell Notes (Homework task 1)

1.3 The Internet
1.3 Star and Mesh Topologies
ClearRevise Revision Guide: Page 25 and 28

Links	Notes
Links	**Notes**
Select the topic(s) for this week from: https://craignda ve.org/ocr-gcse -j277-videos/ **Questions**	

Summary

WEEK 14: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 14: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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WEEK 15: Cornell Notes (Homework task 1)

1.3 Modes of Connection
1.3 Wireless Encryption
ClearRevise Revision Guide: Page 29 and 30

Links	Notes
Links	**Notes**

Links

Select the topic(s) for this week from:

https://craignda ve.org/ocr-gcse -j277-videos/

Questions

Summary

WEEK 15: Exam Question (Homework task 2)

☐   Tick the box to confirm that this homework has been completed on https://smartrevise.online/

Date Completed: ____ / ____ / 2025

WEEK 15: Exam Question review and improvement (Classwork)

☐   Tick the box to confirm that the work has been marked in class.

Date Completed: ____ / ____ / 2025

Score: ____ out of ____

Topics / Questions which I answered incorrectly:

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Aspire
(ACHiEVE)
Thrive

Develop your character

S
STOKE
DAMEREL

Aspire | Achieve | Thrive