**STOKE
DAMEREL**

Aspire | Achieve | Thrive

Spring Term
Term 2
Digital IT
Year 11

Name: _____

Tutor: _____

Year 11 Homework Timetable

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

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
French	Art	Business Studies
Geography	Business Studies	Catering
History	Catering	Computer Science
	Childcare	Drama
	Triple Science	Health & Social Care
	Travel and Tourism	Media Studies
	Music	Photography
	Sport	Sport
	IT	Sociology

Half Term 3 (6 weeks) - Year 11		
Week / Date	**Homework task 1** **Cornell Notes**	**Homework task 2** **Exam Question**
Week 1 6th January 2025	**Cornell Notes on:** Types of network	**Question**: Types of network
Week 2 13th January 2025	**Revision Cards on:** Cloud computing	**Question**: Features of cloud storage
Week 3 20th January 2025	**Cornell Notes on:** Modern Teams Stakeholders	**Question**: Communication tools
Week 4 27th January 2025	**Revision Cards on:** Impact of Modern Technology Why systems are attacked	**Question:** Why systems are attacked
Week 5 3rd February 2025	**Cornell Notes on:** External threats to data Internal threats to data	**Question**: Internal threats to data
Week 6 10th February 2025	**Cornell Notes on:** User Access Restrictions Data level protection	**Question**: Data level protection methods

Half Term 4 (6 weeks) - Year 11		
Week / Date	**Homework task 1 Cornell Notes**	**Homework task 2 Exam Question**
Week 7 24th February 2025	**Cornell Notes on:** Finding weaknesses	**Question**: Finding Weaknesses
Week 8 3rd March 2025	**Cornell Notes on any previous topics to support your MOCK revision**	**Mock Exams**
Week 9 10th March 2025	**Cornell Notes on any previous topics to support your MOCK revision**	**Mock Exams**
Week 10 17th March 2025	**Revision Cards on:** Defining responsibilities and parameters Disaster Recovery	**Question**: Disaster recovery policy information
Week 11 24th March 2025	**Cornell Notes on:** Shared data Environmental concerns	**Question**: Use of shared data
Week 12 31st March 2025	**Revision Cards on:** Equal Access Net Neutrality	**Question**: Net neutrality

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)

Topic: Types of Network	Revision guide page:

Links	**Notes**
Questions	

Summary

WEEK 1: Exam Question (Homework task 2)

Question:

Clare is a designer for a games development company.

She works from home and in public places such as cafés, train stations and airports.

Clare uses her laptop to prepare designs.

Give **two** ways Clare could connect her laptop to the internet when she is working away from home.

(2)

Answer:

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WEEK 1: Exam Question review and improvement (Classwork)

Question:

Clare is a designer for a games development company.

She works from home and in public places such as cafés, train stations and airports.

Clare uses her laptop to prepare designs.

Give **two** ways Clare could connect her laptop to the internet when she is working away from home.

(2)

Answer:

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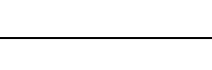
WEEK 2: Cornell Notes (Homework task 1)

Topic: Cloud computing	Revision guide page:

Links	Notes

Questions

Summary

WEEK 2: Exam Question (Homework task 2)

Question:

Maya has an online shop selling fair trade products.

She collects personal data about her customers.

There is legislation covering data protection. One of the data protection principles that Maya must follow is to protect the customers' personal data she has collected.

Maya uses cloud storage to save all her data.

The image shows the interface that she uses.

It has been annotated to explain one of the features.

Annotate the image to explain **two other** features of the cloud storage interface.

(4)

Answer:
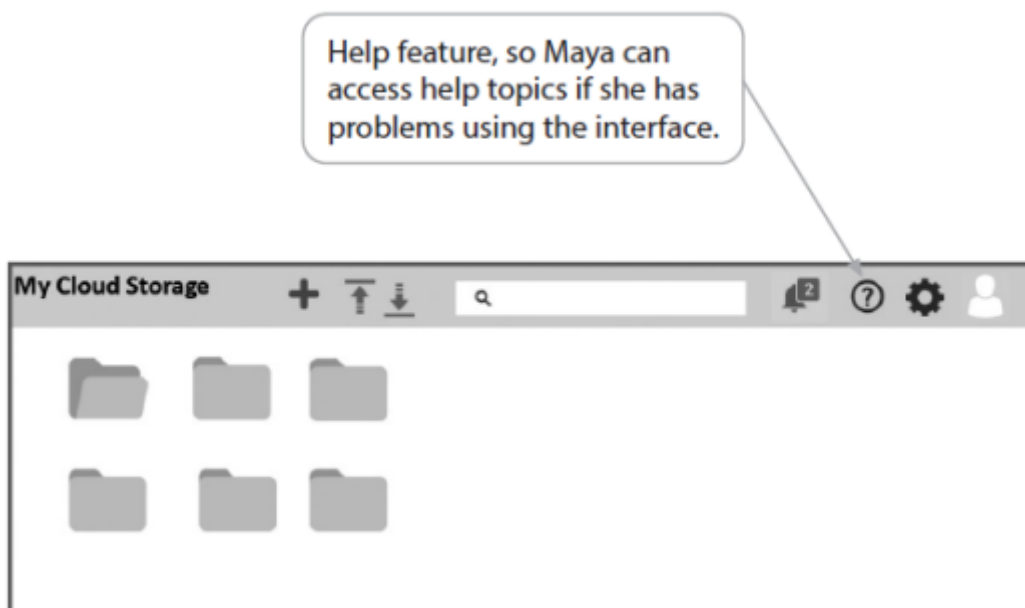
WEEK 2: Exam Question review and improvement (Classwork)

Question:

Maya has an online shop selling fair trade products.

She collects personal data about her customers.

There is legislation covering data protection. One of the data protection principles that Maya must follow is to protect the customers' personal data she has collected.

Maya uses cloud storage to save all her data.

The image shows the interface that she uses.

It has been annotated to explain one of the features.

Annotate the image to explain **two other** features of the cloud storage interface.

(4)

Answer:

WEEK 3: Cornell Notes (Homework task 1)

Topic: Modern Teams and Stakeholders	Revision guide page:

Links	**Notes**
Questions	

Summary

WEEK 3: Exam Question (Homework task 2)

Question:

A car insurance company sells policies to customers all over the UK.

The company uses communication tools to manage its staff.

One communication tool it uses is email.

Explain **one** other communication tool the car insurance company might use.

(2)

Answer:

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WEEK 3: Exam Question review and improvement (Classwork)

Question:

A car insurance company sells policies to customers all over the UK.

The company uses communication tools to manage its staff.

One communication tool it uses is email.

Explain **one** other communication tool the car insurance company might use.

(2)

Answer:

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WEEK 4: Cornell Notes (Homework task 1)

Topic: Impact of Modern Technology Why systems are attacked	Revision guide page:

Links	**Notes**
 Questions	

Summary

WEEK 4: Exam Question (Homework task 2)

Question:

Marco owns a building company. Marco uses digital technology systems to design new homes for his customers and order building materials from local suppliers.

Marco is concerned about someone attacking his systems.

One reason why someone might attack his systems is to steal his data.

State **two other** reasons why someone might attack his systems.

(2)

Answer:

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WEEK 4: Exam Question review and improvement (Classwork)

Question:

Marco owns a building company. Marco uses digital technology systems to design new homes for his customers and order building materials from local suppliers.

Marco is concerned about someone attacking his systems.

One reason why someone might attack his systems is to steal his data.

State **two other** reasons why someone might attack his systems.

(2)

Answer:

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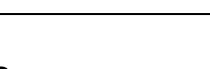
WEEK 5: Cornell Notes (Homework task 1)

Topic: External threats to data and Internal threats to data	Revision guide page:

Links	Notes

Questions

Summary

WEEK 5: Exam Question (Homework task 2)

Question:

A company that sells books has shops all over the UK.

The company has a head office in Carlisle.

The company uses book sales data for its day-to-day activities.

Discuss possible internal threats to this data and their impact on the company.

(6)

Answer:

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WEEK 5: Exam Question review and improvement (Classwork)

Question:

A company that sells books has shops all over the UK.

The company has a head office in Carlisle.

The company uses book sales data for its day-to-day activities.

Discuss possible internal threats to this data and their impact on the company.

(6)

Answer:

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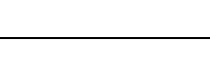
WEEK 6: Cornell Notes (Homework task 1)

Topic: User Access Restrictions and Data level protection	Revision guide page:

Links	Notes
Questions	

Summary

WEEK 6: Exam Question (Homework task 2)

Question:

Hues Artwork is a graphic design company.

It specialises in designing brochures, magazines and advertising products, using specialised computer software.

User access restriction and data level protection methods could keep its designs safe.

A firewall is one data level protection method Hues Artwork could use.

State **two other** data level protection methods it could use.

Answer:

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WEEK 6: Exam Question review and improvement (Classwork)

Question:

Hues Artwork is a graphic design company.

It specialises in designing brochures, magazines and advertising products, using specialised computer software.

User access restriction and data level protection methods could keep its designs safe.

A firewall is one data level protection method Hues Artwork could use.

State **two other** data level protection methods it could use.

Answer:

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WEEK 7: Cornell Notes (Homework task 1)

Topic: Finding weaknesses	Revision guide page:

Links	Notes
 Questions	

Summary

WEEK 7: Exam Question (Homework task 2)

Question:

GudgeTech Ltd is a technology development company that makes a range of digital systems, devices and apps.

GudgeTech Ltd test the security of their digital systems.

Explain **two** ways a company could perform penetration to test the security of a digital system.

Answer: _____

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WEEK 7: Exam Question review and improvement (Classwork)

Question:

GudgeTech Ltd is a technology development company that makes a range of digital systems, devices and apps.

GudgeTech Ltd test the security of their digital systems.

Explain **two** ways a company could perform penetration to test the security of a digital system.

Answer: _____

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WEEK 8: Assessment Week Revision (Homework task 1)

Topic: Topics in PLC

Topic: Topics in PLC

WEEK 8: Assessment Week Revision (Homework task 2)

Topic: Topics in PLC

WEEK 9: Assessment Week Revision (Homework task 1)

Topic: Topics in PLC	

Topic: Topics in PLC

WEEK 9: Assessment Week Revision (Homework task 1)

Topic: Topics in PLC	

Topic: Topics in PLC

WEEK 10: Cornell Notes (Homework task 1)

Topic: Defining responsibilities and parameters Disaster Recovery	Revision guide page:

Links	Notes
Questions	

Summary

WEEK 10: Exam Question (Homework task 2)

Question:

A company that sells books has shops all over the UK.

The company has a head office in Carlisle.

The company has a Disaster Recovery Policy.

The policy includes the process for backing up its book sales data.

One example of information that should be in the policy is a list of files and folders to be included in the backup.

Explain **two other** examples of information to be included.

(4)

Answer:

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WEEK 10: Exam Question review and improvement (Classwork)

Question:

A company that sells books has shops all over the UK.

The company has a head office in Carlisle.

The company has a Disaster Recovery Policy.

The policy includes the process for backing up its book sales data.

One example of information that should be in the policy is a list of files and folders to be included in the backup.

Explain **two other** examples of information to be included.

(4)

Answer:

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WEEK 11: Cornell Notes (Homework task 1)

Topic: Shared data and Environmental concerns	Revision guide page:

Links	Notes

Questions

Summary

WEEK 11: Exam Question (Homework task 2)

Question:

A company that sells books has shops all over the UK.

The company has a head office in Carlisle.

Each shop stores book sales data on the shop's computer system.

They then share this data with the head office.

Describe **one** way the company head office can use this shared data.

(3)

Answer:

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WEEK 11: Exam Question review and improvement (Classwork)

Question:

A company that sells books has shops all over the UK.

The company has a head office in Carlisle.

Each shop stores book sales data on the shop's computer system.

They then share this data with the head office.

Describe **one** way the company head office can use this shared data.

(3)

Answer:

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WEEK 12: Cornell Notes (Homework task 1)

Topic: Equal Access and Net Neutrality	Revision guide page:

Links	**Notes**
Questions	

Summary

WEEK 12: Exam Question (Homework task 2)

Question:

TechnoWhizz is a technology development company based in London that makes a range of digital systems, devices and apps.

TechnoWhizz wants to introduce a video streaming service to provide content for their devices.

Describe how 'Net neutrality' will help TechnoWhizz compete with more established video streaming services.

(3)

Answer:

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WEEK 12: Exam Question review and improvement (Classwork)

Question:

TechnoWhizz is a technology development company based in London that makes a range of digital systems, devices and apps.

TechnoWhizz wants to introduce a video streaming service to provide content for their devices.

Describe how 'Net neutrality' will help TechnoWhizz compete with more established video streaming services.

(3)

Answer:

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Aspire
(ACHiEVE)
Thrive

Develop your character