

LIBERTY
ACADEMY
CHURCH OF ENGLAND



Tuesday 9th September 2025

Welcome to Year 10!



1 Bilton Grove,
Hull,
HU9 5YB

Tel: 01482 781912
Email: hello@lib.hlt.academy
Website: lib.hlt.academy

Outline of Event

- **Welcome: Mrs Hill, Vice Principal, Quality of Education**
- **Message from Mrs Beasley, Principal**
- **Attendance - Mr Matt McGrath, Assistant Vice Principal**
- **Quality of Education: Mrs Kristina Hill, Vice Principal**
- **Careers: Mrs Katrina Stephenson, Associate Assistant Vice Principal**
- **Maths, English and Science: Miss Lizzie O'Sullivan, Mr Mike Hewitt, Mr John Davison and Miss Christine Angell**
- **Final message: Mrs Hill**

Refreshments will be served following the presentation in the Theatre Bar, where you will also have the opportunity to meet key Year 10 staff, SLT, Heads of Subject, Form Tutors and members of the SEND Team.

We encourage you to ask as many questions as you can and we'll do our best to answer them.



Expectations and Partnership Work

Our standards in Year 10, and indeed the Academy as a whole, are incredibly high. We expect our students to adhere to expectations surrounding behaviour, uniform and their approach to learning.

We set our standards high, to help our students achieve the best.

In most industries, employees are expected to follow codes of conduct and adhere to dress codes, we are no different at ASA. We are helping to prepare our students for this world.

We challenge our students to achieve the best, that applies to all aspects of Academy life.

Working together with parents and carers is crucial in achieving all of the above.



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Mrs Beasley
Principal

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Together, we make it possible



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Key Stage
4 is
different!

New Grading Structure	Old Grading Structure
9	A*
8	
7	
6	A
5	
4	
3	B
2	
1	
U	C
	D
	E
	F
	G
	U

GCSE 9-1 Points		BTEC First Award		BTEC Tech Award	
Grade & Points	Grade terms	Grade	Points	Grade	Points
9		L2 D*	8.5	L2 D*	8.5
8					
7		L2 D	7	L2 D	7
6		L2 M	5.5	L2 M	5.5
5	Strong Pass (DfE)	L2 P	4	L2 P	4
4	Standard Pass (DfE)				
3		Level 1 Pass	1.75	L1 D	3
2				L1 M	2
1				L1 P	1.25
U		U	0	U	0



Key Stage 4 timeline

December 2025 - assessments in classroom

June 2026 - First round of mocks

Nov 2026 - Second round of mocks

Feb 2027 - Third round of mocks

May/June 2027 - GCSE's



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Mr McGrath

Attendance

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Attendance

The expectation is that students attend school all of the time. We understand that there may be times when students are too ill to attend. However, the majority of reported illnesses do not require time off school.

Why do we ask this?

There is a direct link between good attendance and good outcomes.



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Attendance

If your attendance falls below 90% and you call for further absence reporting it will not be an authorised absence.

When you request your attendance information for future employers we have to be truthful.

You will also receive a letter from our Attendance Team explaining your attendance will be monitored.



Attendance

We understand medical appointments, and orthodontist appointments are dictated to by the healthcare professionals. All we ask is you work with us, and submit the medical evidence.

Please work with us, and report absence early. If you fail to report absence we are likely to conduct home visits, so please answer the door!

Remember - Good attendance means good outcomes.



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Mrs Hill

Quality of Education

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The most life-changing impact we can have on a student's education is improving their exam results

- GCSE exam results open and close doors
- 5 Grade 5s (Maths/English)=secure Post 16 place on Level 3 programmes
- Grade 4 in Maths and English is a government expectation; those who do not secure at in year 11 cannot take a Level 3 Post 16 place
- The above means students have to continue resitting Maths and English
- The above means not being able to access university or higher level apprenticeships
- The above means staying at college for 3 years (in some cases), rather than 2 years



The most life-changing impact we can have on a student's education is improving their exam results

We promise: we will do ALL it takes to support you but we have HIGH EXPECTATIONS.

We ask YOU to:

- Try your absolute best in every lesson
- Produce a lot of work during the YOU DO/ILZ phase of the lesson
- Engage fully in our intervention and support offer.



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The most life-changing impact we can have on a student's education is improving their exam results

We promise: we will do ALL it takes to support you but we have HIGH EXPECTATIONS

Our intervention/support offer:

- Adjustments to Options: pls see Mrs Hill by 12/9/2025
- Parents' Evening 13/11/2025
- Mock Exams in June 2026 (with results evenings to share successes with parents and carers)
- Bespoke intervention for students who did not meet the standard in Maths/English at the end of year 9; progress will be reviewed in November before the Parents' Evening
- A comprehensive support offer in Year 10 and Yr 11
- Investment in bespoke revision opportunities via SPARX
- Our rewards are linked to attitude to learning, homework, school attendance and mock exam attendance.



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The most life-changing impact we can have on a student's education is improving their exam results

We promise: we will do ALL it takes to support you but we have HIGH EXPECTATIONS

Final take away:

We are here to help AND we expect to work together with parents and students to make next year's GCSE results the highest possible.

Any issues, please feel free to contact the school so that we can support!

k.hill@lib.hlt.academy



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Mrs Stephenson

Careers - Work experience



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Website: lib.hlt.academy

WORK EXPERIENCE

- All Y10 students will complete 1 week of a work experience placement
- Monday 23rd March - Friday 27th March



WHY DO WORK EXPERIENCE?

- Gain insight into a career
- Gives a purpose to your child's education
- It can help your child find a job
- It can help with their application to College/6th Form/Apprenticeships/University
- They can gain valuable skills for their future development
- Adds value to their CV
- Your child can gain a positive reference from an employer



Employability skills

- Positive attitude to work, being polite
- Flexibility and enthusiasm
- Initiative - the ability to think for themselves in the workplace
- Reliability - turning up on time
- Communication skills – confident to talk to people, willing to ask for help and be a good listener
- Team worker – gets on well with others
- Literacy, Numeracy & Computer Skills



To get the most benefit

It needs to be an appropriate work placement based on:

- A possible career route
- An area of interest
- Support a subject area or qualification
- However, if this is not possible, a work experience placement will still be a valuable experience of the world of work



WORK EXPERIENCE - THE PROCESS

- Students should try to find themselves their own work experience placement
- We require consent forms to be handed in by Thursday 23rd October
- Placements must be found by Friday 30th January



Work Experience - the process

- Once the placement details are uploaded, someone from NYBEP will visit the employer to conduct a risk assessment to see if it is safe for students to attend
- If the placement is suitable, students will be authorised to attend and this will show in the app
- If we do not think it is a suitable placement, then we will NOT authorise for students to attend and they will have to find somewhere else (we can also help you)



WORK EXPERIENCE

- If students think they may struggle to find a work experience placement they can:
- Speak with their tutor and they will email myself or Mrs Lockham.
- Or, they can speak with me directly
- In addition, students can speak with Mrs Lockham (Careers Advisor) who is based in the library
- If students need any help with their letter/email, they must speak with their tutor, myself, or Mrs Lockham



HOW TO LOOK FOR WORK EXPERIENCE

- Look for local employers e.g. on the internet, Hull Daily Mail etc
- If parents/carers/family members have any contacts, students are allowed to have placements with them
- Write a letter to the employer
- Call in directly and ask to speak with the manager (students must go with an appropriate adult)
- Telephone and ask to speak with the manager
- There are also hints and tips in the app



EMPLOYER DETAILS

- Your child should know the name of the main contact
- They should also know their work telephone number
- This is the person they should contact if they have any problems
- Students could save the details on their phones or they could be written on paper to keep in their bag/pocket



Travelling to the workplace

- It is advised that students know how to get to their placements in advance of their start date
- They should know which bus to catch and the timetable of the bus
- Students should do a 'dummy run' so they are familiar with the route and where they should get off the bus



EXPECTATIONS

- Students should dress appropriately and according to the type of placement
- Students must be punctual - placements are likely to have different timings. Students can work **40 hours**, which includes breaks
- If students are ill, they **must** inform the employer and the Academy
- Students should **not** use their mobile phones and they should be switched off. They are allowed to use them at break or lunch
- Students should be polite and behave at all times



Additional requirements

- If there are any additional requirements for your child please contact Mrs Stephenson (details are on the letter)



CONTACT DETAILS

If your child is experiencing any problems finding placements or during their placement, you should contact:

- 01482 781912
- Mrs Stephenson - k.stephenson@lib.hlt.academy
- Mrs Lockham - a.lockham@lib.hlt.academy



Miss O'Sullivan

English

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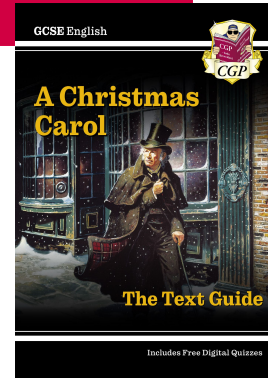


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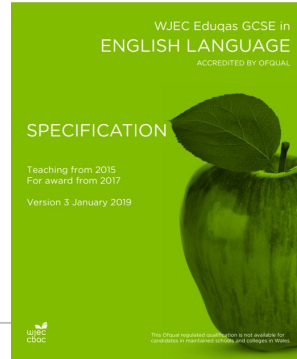
MACBETH



Power and Conflict: 15 poems + unseen



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Component 1 : Fiction

Reading

Writing

Component 2 : Non-fiction

Reading

Writing



Walking Talking Mocks

- Students are taken to the Gym where they will complete a 'Walking Talking Mock'
- Opportunity to experience what the exams will entail and be guided by expert teachers
- There are six 'WTMs' scheduled throughout the year
- Students will practise these methods during lesson time



How else can I support my child to revise for English?

- Get them READING
- Encourage them to any revision sessions
- Help them to make quote cards/revision aids at home
- Encourage them to speak to their English teacher for any further support



Mr Hewitt

Maths

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Maths Department

- **A lot of change**
- **Full department**
- **A commitment to providing the best opportunities for our students**



KS4 EDEXCEL Maths GCSE

- **3 exam papers**
 - **1 Non-Calculator, 2 Calculator**
- **80 marks per paper**
- **Higher vs Foundation - this is the main point to consider at this stage**



EDEXCEL Maths GCSE - QLA Support

Y11 NOVEMBER PPE - FOUNDATION Revision List

Paper 1				Paper 2				Paper 3			
Ques	Topic	Marks	Mathswatch clip	Ques	Topic	Marks	Mathswatch clip	Ques	Topic	Marks	Mathswatch clip
11 marks for a grade 1	1 Round to the nearest 10, 100, 1000	1	31	11 marks for a Grade 1	1 Ordering integers	1	2	11 marks for a Grade 1	1 Percentage as a fraction	1	85
	2 Decimal as a percentage	1	85		2 Metric conversion	1	112		2 Metric conversion	1	112
	3 Names of angle	1	13		3 Fraction as a decimal	1	84		3 Place value	1	1
	4 Ordering decimals	1	3		4 Multiples	1	28		4 Simplifying expressions	1	33
	5 Squares and roots	1	81		5 Algebraic conventions	1	7		5 Ordering fractions	1	70
	6 Money problems	4	22		6 Pictograms	5	16		6 Maps and scale factors	4	38
	7 Bar charts	3	15		7 Measuring lines	1			7 Bar charts	2	15
24 marks for a Grade 2	8 Angles at a point	3	45	24 marks for a Grade 2	7 Measuring angles	1	48	24 marks for a Grade 2	8 Adding integers problem	3	17
	9 Function machines	5	36		7 Drawing 2D shapes	1	10		9 Money questions	3	22
	10 Simplifying a ratio	2	38		8 Coordinates	4	8		10 Circle definitions	2	116
	11 Operations with negatives	1	88		9 Money questions	4	22		11 Time calculations	2	6
	11 Working with indices	1	82		10 Listing outcomes	2	58	37 marks for a Grade 3	12 Prime numbers	2	28
37 marks for a Grade 3	11 BIDMAS	1	75		11 Probability	1	59		13 Two-way tables	3	61
	12 Perimeter	3	52		12 Fraction of an amount	3	72		14 Construct a pie chart	3	128
	12 Fraction of an amount	1	72		13 Simplifying expressions	1	34		15 Percentage of an amount	3	88
	13 Probability	3	59/125	37 marks for a Grade 3	13 Substitution	2	95		16 Simplifying expressions	1	29
49 marks for a Grade 4	14 Multiplying integers	3	19		14 Speed/Distance/Time	5	142a		16 Forming expressions	2	137
	15 Stem and leaf diagrams	4	128b		15 Simple interest	2	111		17 Using ratio in recipes	3	39
	16 Value for money	3	41		16 Conversion graphs	3	107	49 marks for a Grade 4	18 Rotations	2	49
	17 Solving equations	3	136		17 Loci	3	148		18 Reflections	1	48
	18 Working with indices	1	82	49 marks for a Grade 4	18 Percentage of an amount	3	86		19 Straight line graphs	3	96
61 marks for a Grade 5	19 Translations	2	50		19 Using a calculator	2	77		20 Angles in a triangle	3	121
	20 Finding the nth term	2	103		19 Round to a sig fig	1	90		20 Simplifying a ratio	2	38
	21 Subtraction with fractions	2	71		20 Pythagoras' theorem	2	150	61 marks for a Grade 5	21 Simple factorisation	2	64
	21 Multiplying with fractions	1	73		21 Product of primes	2	78		22 HCF	2	79
	22 Applications of Area	5	53	61 marks for a Grade 5	21 LCM	1	80		23 Standard form	4	83
	23 Venn diagrams, notation and probability	3	127		22 Substitution	2	95		24 Plans and elevations	3	51
	24 Estimation	4	91		23 Experimental probability	2	125		25 Compound interest	4	164
	25 Equations of straight line graphs	3	159		23 Sharing in a ratio	2	108		26 Density/Mass/Volume	4	142b
	25 Equations of parallel lines	1	159		24 Quadratic graphs	5	98		27 Probability tree diagrams	4	151
	26 Fraction of an amount	1	72		25 Fraction of an amount	2	72		28 Volume of prisms	4	119
	26 Ratio with overlap	3	105b		25 Percentage of an amount	2	80		29 Substitution	2	95
	26 Change to a percentage	2	89		26 Forming and solving equations with angles	4	137		29 Change the subject	2	101/136
	27 Reverse percentages	2	110		27 Similar shapes	2	144				
	28 Solve linear inequalities	3	139		28 Averages from a table	4	130				



EDEXCEL Maths GCSE

Top tips!

- Use Sparx - Mr Davison will talk about this soon
- Do your best in every lesson - don't have any regrets when you open your results envelope
- Revise for your mocks and assessments
- Ensure your book is revision ready - have pride in your presentation



Mr Davison

SPARX Revision

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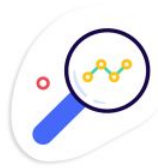


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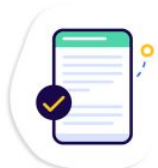
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What is Sparx?

Your Smart Learning Assistant!



Homework that is made for you



Support to ensure you can get every question right



Gets you thinking hard and learning!



Practice on what you're learning about in class

What does Sparx look like?

The screenshot shows the Sparx Maths interface. At the top is a blue header with the 'Sparx Maths' logo on the left, and user information '170 XP Mr Pollock' and a notification bell icon on the right. Below the header is a light blue main area. On the left side of this area is a vertical sidebar with four icons: a star for 'Compulsory', a lightning bolt for 'XP Boost', a crown for 'Target', and a lightbulb for 'Independent Learning'. The main content area starts with a greeting 'Hey Mr Pollock,' followed by a message: 'This is your personalised Compulsory homework. You need to answer every question correctly to complete it.' To the right of this message is a circular progress indicator showing '0/1'. Below the greeting is a section titled 'Introducing Sparx Maths' with a 'Bookwork' progress bar at '11%'. This section contains three cards: a green card for 'About Sparx Maths (1:35)' with a 'Completed' button and a plant icon; a blue card for 'Try some questions (about 5 minutes)' with a 'Start >' button and a person icon; and a grey card for 'Sparx Maths Tips (0:39)' with a 'Locked' button and a mountain icon.

Your compulsory homework will be available in the top left corner of the screen.

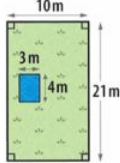
Other tabs such as XP boost, target or independent learning allow you to gain further XP points!!

What does Sparx look like?

Support video

Tip! Watching all of the video will help you get it right. Pause it if you need.

Celia has a pond in her garden, as shown in the diagram.
What is the **area of grass** in her garden?



Not to scale

Key

- Grass
- Pond

we're looking at areas of rectangles.

0:05 / 1:05

Close video X

Every question has a video available if you are stuck

What does Sparx look like?

Bookwork check

Which of these six options is the right answer for this question?

Bookwork 3A

a) Parallel b) Not parallel Zoom	a) 9 b) 6 Zoom	a) 13 b) -4 Zoom
a) 60 b) 30 Zoom	a) 6 b) 3 Zoom	a) 9 b) 30 Zoom

[I didn't write this down](#) [Submit >](#)

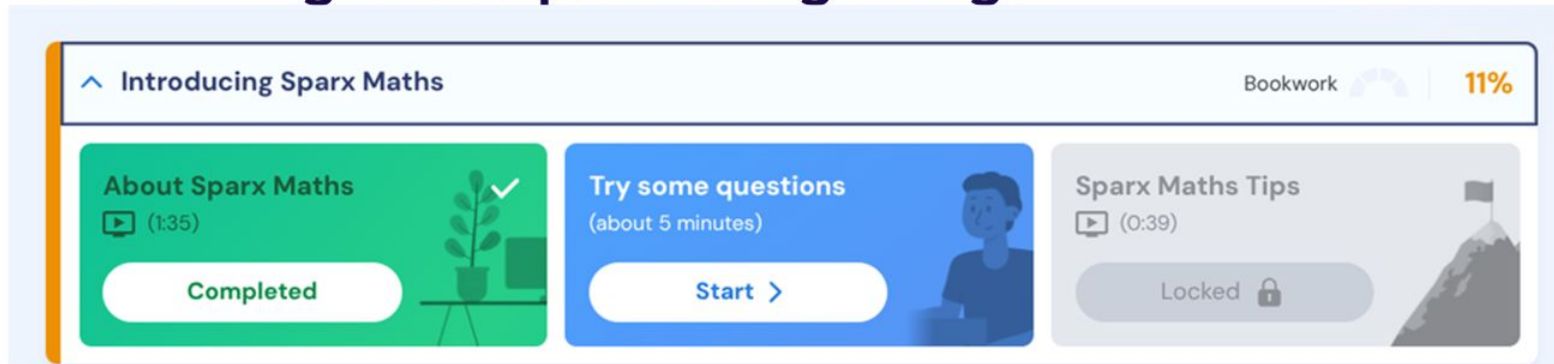
Bookwork checks

Writing down your workings:

- Helps you to learn
- Makes it easier to answer more complicated questions
- Helps your teacher or parent support you
- Write down the bookwork code, workings and your answer to every question.
- Sparx will occasionally give you a bookwork code and ask you to enter the answer you wrote for that question.

Call to Action - Let's Get Started!

1. Go to <https://sparxmaths.com/> or <https://sparxscience.com/>
2. Type the name of your school
3. Select **“Log in to Sparx using Google”**



Mr Hicks

Further Maths

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Further Maths Qualification

Level 2 qualification - AQA

Further Maths Content - complements the GCSE Higher tier and extends students - bridge the gap to A Level

Exam is at the end of the summer series - one of the last exams so more time to prepare

Students will attend voluntarily in the allocated slot - likely to be a Monday after school - need to be engaged



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Further Maths Qualification

Why This Course Matters

✓ Develops:

- Critical thinking
- Logical reasoning
- Abstract problem-solving
- Preparation for higher-level maths

✓ Ideal For:

- Students aiming for **A-Level Maths/Further Maths**
- Ambitions in **STEM, Finance, Data Science, Computing, Architecture, or Engineering**
- Strong foundation for **applied and pure mathematics** at higher levels



Further Maths Qualification

Progression Routes After This Course

◆ College Courses:

- A-Level Mathematics
- A-Level Further Mathematics
- A-Level Physics, Computing, Economics

◆ University Degrees:

- Mathematics
- Physics
- Engineering (all disciplines)
- Economics and Finance
- Computer Science
- Architecture
- Actuarial Science

◆ Careers:

- Engineer, Architect, Economist
- Software Developer, Data Analyst
- Physicist, Statistician, Financial Analyst
- Game Developer, AI/Machine Learning Specialist



Miss Angell

Science

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Combined HT

99
98
88
87
77
76
66
65
55
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44
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U

Combined FT

55
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11
U

Separate HT

9
8
7
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5
4
U

Separate Science

6x 1hr 45 min papers

Each paper = 100 marks / 50% of grade

Obtain 3 GCSEs

Combined Science

6 x 1hr 15min papers

Each paper - 70 marks / 16.7% of grade

Obtain 2 GCSEs

Required practicals - 15% of marks

Maths skills:

Biology - 10%

Chemistry - 20%

Physics - 30%

4.1 Cell Biology

4.2 Organisation

4.3 Infection &
Response

4.4 Bioenergetics

5.1 Atomic Structure

5.2 Bonding

5.3 Quantitative
Chemistry

5.4 Chemical changes

5.5 Energy changes

6.1 Energy

6.2 Electricity

6.3 Particle model of
matter

6.4 Atomic Structure





SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5 Training 5-7	6 Cell structure Atoms & energy	7 Biology required practicals
8	9 Physics past paper	10 Chemistry required practicals	11 Rest day	12 Physics required practicals	13	14
15 Biology past paper	16	17 Mocks begin	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5





Exam board = AQA

Combined Trilogy

Triple = GCSE Biology
GCSE Chemistry
GCSE Physics

Please write clearly in block capitals.

Centre number Candidate number

Surname _____

Forename(s) _____

Candidate signature _____

I declare this is my own work.

GCSE COMBINED SCIENCE: TRILOGY

F

Foundation Tier
Biology Paper 1F

Time allowed: 1 hour 15 minutes

Materials

For this paper you must have:

- a ruler
- a scientific calculator.

Instructions

- Use black ink or black ball-point pen.
- Pencil should only be used for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions in the spaces provided.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.
- In all calculations, show clearly how you work out your answer.

Information

- The maximum mark for this paper is 70.
- The marks for questions are shown in brackets.
- You are expected to use a calculator where appropriate.
- You are reminded of the need for good English and clear presentation in your answers.

For Examiner's Use	
Question	Mark
1	
2	
3	
4	
5	
6	
TOTAL	

And finally ...

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Helpful information

We would now like to invite you to have some refreshments, and get to know our staff.

We have representatives from the Senior and Middle Leadership Team, the Tutor Team, the SEND Team and from many of our subject areas.

If you have any questions at all, please don't hesitate to ask.



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Thank you for attending!

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