

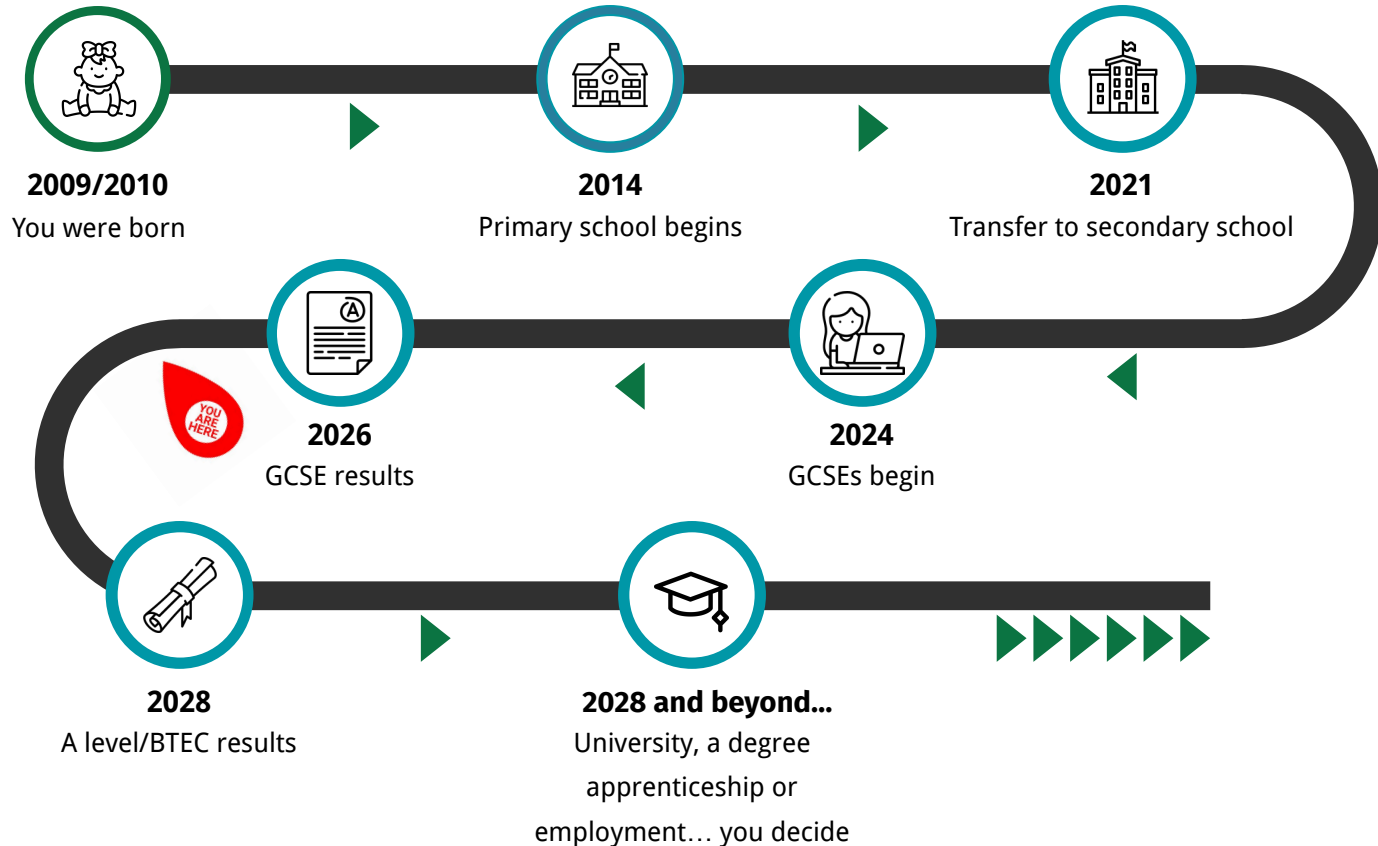
A photograph of Ruislip High School, a modern building with a curved facade and large windows. The building is partially obscured by a blue semi-transparent banner. The sky is blue with some white clouds. The foreground shows a paved area and some greenery.

Success in the Sixth Form Evening September 2026

A photograph of a modern school building with a curved facade and large windows. The building is partially obscured by a blue semi-transparent overlay. The sky is blue with some white clouds. The foreground shows a paved area and some greenery.

Mr Noble Deputy Headteacher

Your Educational Journey



+ Create

Topic filter

All topics

Share class content

Collapse all

Homework

Homework - 1.2.2 Applications

Due 23 Sept

Homework - 2 worksheets

Posted 10 Sept

1.1.1 Structure and function of the processor

Homework

Due 21 Sept

Lesson 5 - CPU/GPU and Multicore / parallel syste...

Posted Yesterday

Lesson 4- Types of Processors ,RISC and CISC

Edited 14 Sept

OCR H446 A Level Computer Science PLC

Key ● - Fully Understood, ● - Bit more practice, ● - More help needed, ● - Lessons Completed

Unit 1

1.1 The characteristics of contemporary processors, input, output and storage devices									
1.1.1 SPO	Structure and function of the processor	The Arithmetic and Logic Unit, ALU, Control Unit and Registers (Program Counter, PC, Accumulator, ACC, Memory Address Register, MAR, Memory Data Register, MDR, Current Instruction Register, CIR). Buses: data, address and control: how this relates to assembly language programs.							
		The Fetch-Decode-Execute Cycle, including its effects on registers							
		The factors affecting the performance of the CPU: clock speed, number of cores, cache.							
		The use of pipelining in a processor to improve efficiency.							
		Von Neumann, Harvard and contemporary processor architecture.							
1.1.2 SPO	Types of processor	The differences between and uses of CISC and RISC processors.							
		GPUs and their uses (including those not related to graphics)							
		Multicore and Parallel systems.							
1.1.3 SPO	Input, output and storage	How different input, output and storage devices can be applied to the solution of different problems.							
		The uses of magnetic, flash and optical storage devices							
		RAM and ROM.							
		Virtual storage.							
1.2 Software and software development									
1.2.1 SPO	Systems Software	The need for, function and purpose of operating systems.							
		Memory Management (paging, segmentation and virtual memory).							
		Interrupts, the role of interrupts and Interrupt Service Routines (ISR), role within the Fetch-Decode-Execute Cycle.							
		Scheduling: round robin, first come first served, multi-level feedback queues, shortest job first and shortest remaining time.							
		Distributed, embedded, multi-tasking, multi-user and Real Time operating systems.							
		BIOS							

Academic success in the classroom vs mastery outside the classroom

A photograph of Ruislip High School, a modern building with a curved facade and large windows. The building is partially obscured by a blue and green overlay. The text "Mr Sills Head of Sixth Form" is written in white on the blue part of the overlay. The school's name "Ruislip High School" is visible vertically on the building's facade.

Mr Sills Head of Sixth Form

Our Sixth Form

- A centre of academic excellence
- Effective pastoral and academic systems which allow students to succeed
- Enriching extra-curricular offer and tutorials
- Reaching for the sky: expert guidance with destinations post-18
- **Growing, inclusive and happy**

Aspirational at our core



Year 13 destinations 2026:

- 85% of the cohort secured a place at university
- 82% of applicants at their first or second choice university
- 33% of the cohort studying at a Russell Group institution
- 10% of cohort studying at a Times Top 10 UK university
- Higher level apprenticeships secured

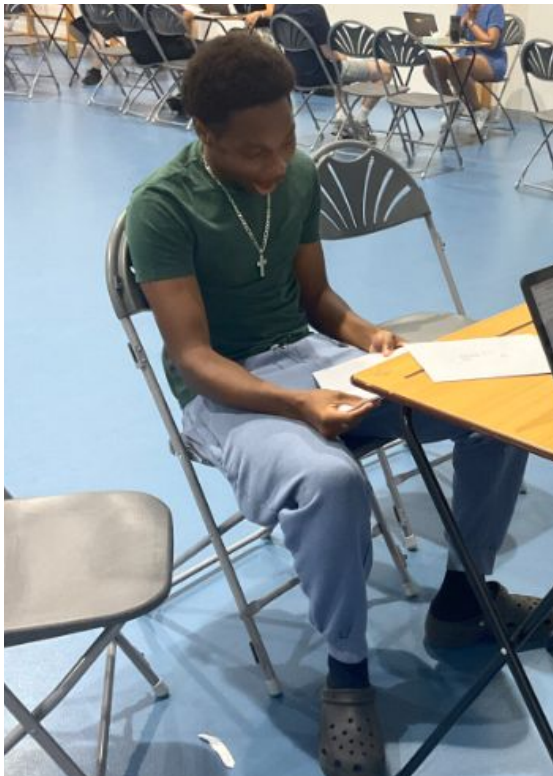




The University of
Nottingham



OXFORD
BROOKES
UNIVERSITY

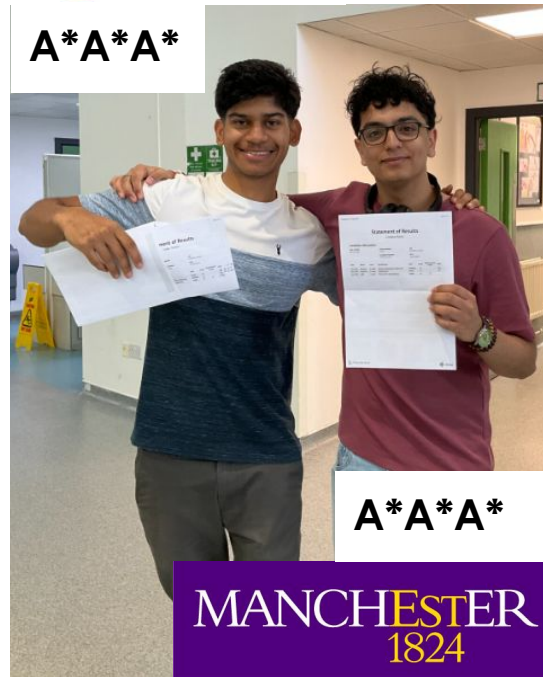


UNIVERSITY OF
LIVERPOOL



UNIVERSITY OF
BATH

A*A*A*



A*A*A*

MANCHESTER
1824

The Sixth Form team

Head of Sixth Form: Mr Sills

Head of Year 13: Mr Peacock

Head of Year 12: Ms Vora

Sixth Form Assistant Head of Year: Mrs Coffey

Sixth Form Administrator & Future Pathways Coordinator:
Mrs Moore



“No matter what your ability is, **effort** is what ignites that ability and turns it into accomplishment.”

“The passion for stretching yourself and sticking to it, even (or especially) when it’s not going well, is the hallmark of the growth mindset.

This is the mindset that allows people to thrive”

Carol Dweck

Mindset: The New Psychology of Success



"Failure is an
opportunity to grow"

GROWTH MINDSET

"I can learn to do anything I want"

"Challenges help me to grow"

"My effort and attitude
determine my abilities"

"Feedback is constructive"

"I am inspired by the success of others"

"I like to try
new things"

"Failure is the
limit of my abilities"

FIXED MINDSET

"I'm either good at it or I'm not"

"My abilities are unchanging"

"I don't like
to be challenged"

"I can either do it,
or I can't"

"My potential is predetermined"

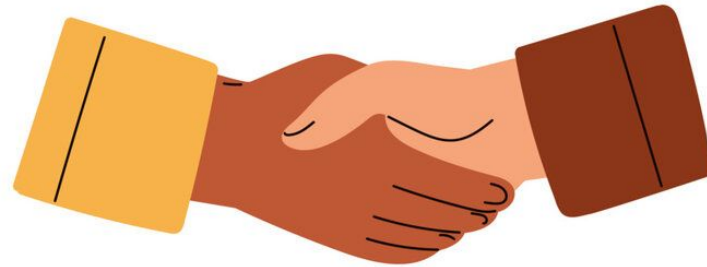
"When I'm frustrated,
I give up"

"Feedback and criticism
are personal"

"I stick to what I know"

‘If we let you off, we let you down’

Sixth form works best for your child when we work together



A photograph of Ruislip High School, a modern building with a curved facade and large windows. The building is partially obscured by a blue and green overlay. The text "Ms Vora Head of Year 12" is written in white on the blue part of the overlay. The school's name "Ruislip High School" is visible on the building's facade.

Ms Vora Head of Year 12

Why I do what I do?

My commitment to you and your children

Expectations

- Excellent attendance
- Punctual to all lessons
- Fully prepared for all lessons
- Homework done on time
- Assessments are fully prepared for
- Dress code must remain smart at all times

Falling behind

Attendance is of paramount importance.

- **Weekly monitoring**
- **Attendance catch up sessions - escalated sanctions**
- **Phone calls/check-ins**

True or False?

90% attendance means a student only misses two weeks of school a year?



They miss 4 weeks. Over 50 hours of learning.

PUNCTUALITY MATTERS

3

DAYS
LOST

When just
5 minutes
late each day

6.5

DAYS
LOST

When just
10 minutes
late each day

9.5

DAYS
LOST

When just
15 minutes
late each day

13

DAYS
LOST

When just
20 minutes
late each day

16

DAYS
LOST

When just
25 minutes
late each day

LESS CHANCE OF SUCCESS

SERIOUS IMPACT ON EDUCATION

Average learning time per day is 5 hours. If you are 15 minutes late each day you will have missed 2 full weeks of school in one year!

“Plan your week”



RHS Sixth Form - Plan My Week

Tutor check:

Week beginning:

Outstanding homework:

- ☐
- ☐
- ☐

Urgent tasks:

- ☐
- ☐

Post-18 preparation:

- ☐
- ☐

Subject 'health check'

Subject:				

Study periods	What am I going to do this week?
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Wider reading and learning

Subject:	What am I going to do this week?

Textbooks

- We require a £40 per student textbook deposit so that students can have access to the resources they need. This is refunded at the end of Year 13
- Please collect your textbooks from Mrs Austen in the LRC tomorrow if you have paid
- Please pay on ParentPay if you have not!

Homework/effort support

If a student is struggling to complete homework on time:

- An after school study period is arranged for the student to complete the work under the supervision of Mrs Moore (Sixth Form Learning Mentor).
- Parents are notified on the 2nd occasion.
- Ongoing issues result in meetings: first with the form tutor, then with the Head of Subject and Head of Year.

Study Plus and Study Support

Study Plus - 8 hours of study periods in the study rooms

Study Support - 4 hours of study periods in the study rooms

All year 12s have 2 compulsory hours of study support on their timetables.

Bursary

- If your household income is below £31,500 per year your child may be eligible for financial support with their studies
- Up to £150 per year for school essentials (e.g. IT, clothing, books, help with travel)

Apply online using the form posted on google classroom. Please speak to Ms Vora too.

Settling in assessments

Week commencing Monday 28th September

This is a chance to see how the students are doing after their first month.

Parents/Guardians Evening

- A crucial evening midway through Year 12 where there is an opportunity to discuss your child's progress and tips for improvement ahead of the June Year 12 exams.
- **Thursday 4th March**, open from 4.30-7pm (in person).
- You will be asked to confirm your attendance and book appointments nearer the time.

Key Dates

Date	Event
w/c 28/09/2026	Year 12 settling-in assessment week
Throughout Autumn	Post-18 course searching and evidence building
10/12/2026	Christmas Community Event (3:45-5:30 pm)
January	Assessments in lessons
15/03/2027	Student Leadership applications deadline
Throughout Spring	Post-18 evidence building
4/03/2027	Year 12 Parents'/Guardians' Evening
w/c 07/06/2027	PPE week in class
w/c 14/06/2027	Work Experience week
28/6/27	Year 12 Success in Year 13 Evening (5-6pm)
w/c 5/07/2027	RAG Week

A photograph of Ruislip High School, a modern building with a curved facade and large windows. The building is partially obscured by a blue and green overlay. The text 'Mr Sills Head of Sixth Form' is written in white on the blue part of the overlay. The school's name 'Ruislip High School' is visible vertically on the building's facade.

Mr Sills Head of Sixth Form



An enriching tutorial programme



Above and Beyond Clubs

- Basketball
- Trivia
- Fantasy Football
- Current Affairs

EPQ (Extended Project Qualification)



‘To what extent is the vegan diet the healthiest diet in the UK?’

‘What is the future of AI in the next decade and its potential impact on young adults?’

‘To what extent are psychopaths a product of nature or nurture?’



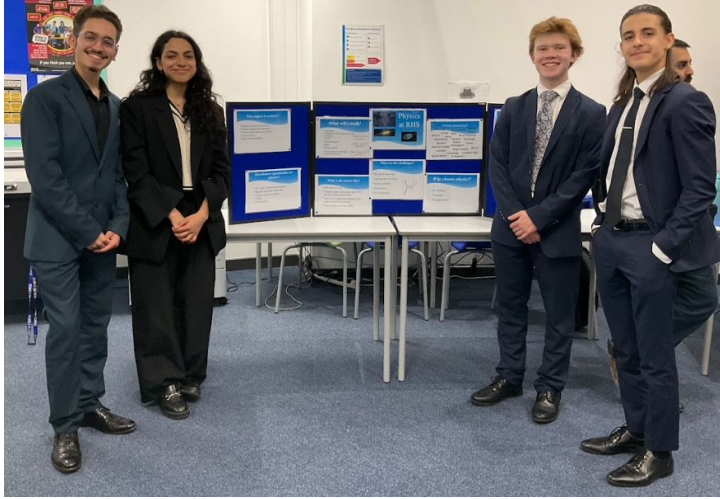
‘Why are women underrepresented in STEM fields?’

‘How have race relations in the US (post-1960s) influenced the last three presidential elections?’

Reach Pathway and bespoke Oxbridge/Medicine/Veterinary support



Student leadership opportunities



UCAS Exhibition



Careers Fair



'Talk the Talk' workshops



Leavers Celebrations



Sixth Form trips

- All of Year 12 will attend the UCAS Exhibition in London
- All of Year 12 will attend a day visit to a UK university
- All sixth formers are invited to termly theatre trips in central London
- Many subjects offer course-related trips too...



Extended curriculum

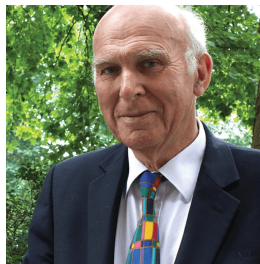


Year 12 Sixth Form Guest Speaker Programme 2026-7



In October...

Professor Bill Ribbens
Consultant Trauma and Orthopaedic Surgeon



In January...

Riz Pabani
AI specialist and technology consultant



In April...

Sophie Darlington
Wildlife Cinematographer

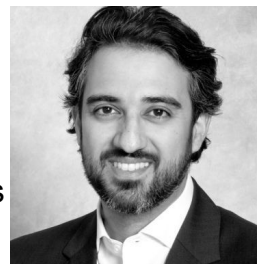
In September...

Sam McAlister
TV producer, author and journalist



In November...

Sir Vince Cable -
former Secretary of State and Leader of the Liberal Democrats



In February...

Rufus Radcliffe
CEO, STV and Chair, London Wildlife Trust



Support and guidance

- 1-1 meetings and tutor coaching
- Work experience (w/c 14 June 2027)
- Post-18 evidence
- Post-18 Conference and Careers Fair
- Workshops throughout the year on;
 - Good academic habits
 - Personal statements
 - Interview practice
 - UCAS and the application process
 - Apprenticeship workshops/speakers
 - National Apprenticeship Week

UCAS



UK Government

**NATIONAL
APPRENTICESHIP
WEEK 2027**

Whatever your destination, we will do everything we can to get you there.

