



St George's School  
*Aim Higher*

# Sixth Form Options

## Chemistry

A Level Course - AQA

# Why choose Chemistry?

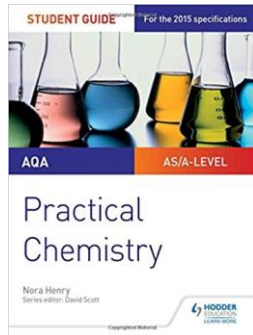
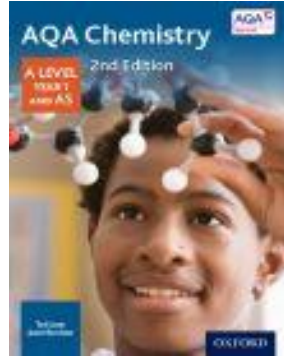
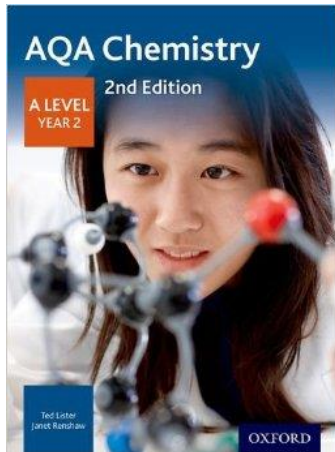
- You **enjoy** it
- You want to know more about **how things work** at an atomic level
- You want to study one of the following at **university**:

Biochemistry	Chemistry
Medicine	Natural science
Pharmacy	Pharmacology
Vet. medicine	Forensic Science
Dentistry	Chemical Engineering
- You want a **rigorous, academic A level** to impress universities and employers

# Why Chemistry at St George's?

- An experienced team of Chemistry teachers  
(each class will be taught by 2 of them but all can help you with all parts of the course)
- Expertly supported by PhD qualified Lab. Technicians
- Students achieve excellent results

# The Course



- We follow the **AQA** Chemistry course
- No coursework or practical exam
- A minimum 20% maths

## Practical Skills



- 12 mandatory practicals (6 in each year)
- Assessed by teachers
- Do not count towards the A level grade
- Need to pass to meet offer for scientific subject at university

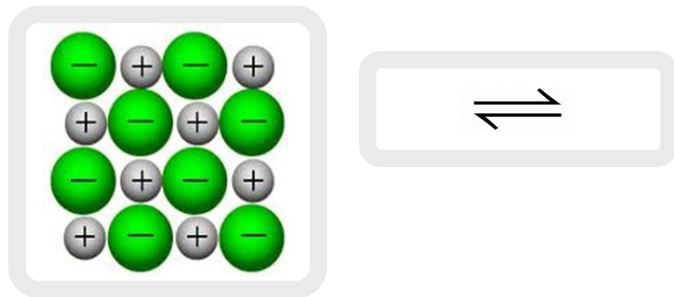
# Assessment



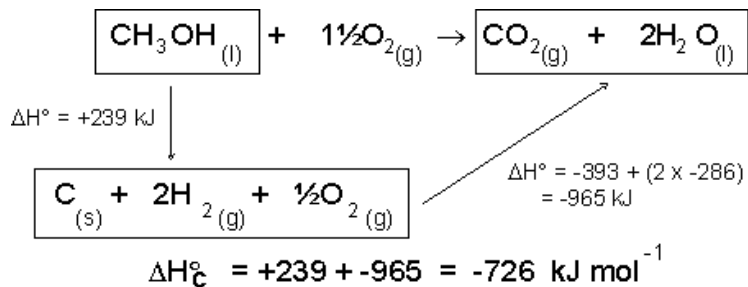
- 3 written exams in June 2027 covering the whole 2-year course
- All 3 include questions on the mandatory practicals
- Final paper includes multiple choice questions.
- No essays

So what might you be doing?

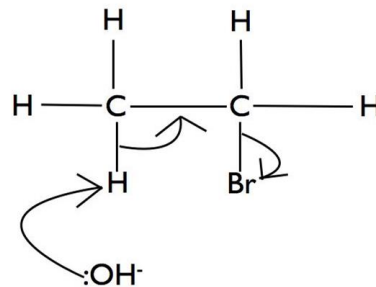
## Building on GCSE



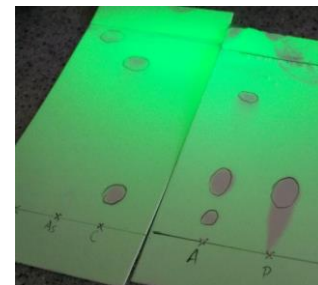
## Calculations



## Organic Chemistry



## Practical skills



# Workload



- 4 lessons per week – each will set about 1 hour of homework
- Independent study program – an additional 1-2 hours work per week, set in advance and self-marked
- Up to 3-5 hours of additional reading, revision and question practice per week



# Exam Results

	2024 (%)	2023 (%)	2019 (%)	All schools 2024 (%)
<b>A* - A</b>	51	37	42	32
<b>A* - B</b>	77	63	63	53
<b>A* - C</b>	94	89	84	72
<b>A* - E</b>	100	100	95	96

# Stretch and Challenge

	Cambridge Challenge (yr12)		RSC Olympiad (yr13)	
				
	Jun 24	Jun 23	Jan 24	Jan 23
Number entering	31	24	11	16
Gold (top 8%)	1	4	3	5
Silver (top 33%)	7	3	7	6
Copper (top 65%)	11	7	1	2

# Entry Criteria

To be able to handle the course you need at least:

- Level 6 in Science (AQA-Trilogy or other 'Double')
- OR
- Grade 6 in Chemistry (Separate Scientists)

**(Level 7 strongly recommended though)**

AND

- Level 6 in Maths

# **Student Viewpoint**