








#GetInvolved		Chemistry Competitions! 2021-2022					#Winning
	What?		Who?	How?	Details?	When?	Where?
	Salter's Festival of Chemistry (South East)	Years 7, 8 & 9	Mixed-aged teams of students aged 11-14	The team is selected by the chemistry department based on attainment, and usually includes pupils from years 7, 8 & 9, so work hard!	A one-day event for students aged 11-14, which involve teams of students visiting their local universities to take part in Salters' Chemistry Challenges and other chemistry-related activities.	Summer Term (2022 dates yet TBC)	University of Surrey, Reading or similar.
	University of Oxford RSC Top of the bench	Years 9, 10 & 11	Teams of 4, each team has a year 11 pupil, a year 10 pupil and two year 9 pupils	Ask/email Miss Try or Miss Copeman, to register your interest. She will put together the teams so you don't need to worry about finding a team. atry@gordons.school	Teams will take on a construction and analytical challenge as well as participating in an online quiz. Participants will need to use technology to collaborate and complete the challenge and to present their findings. The teams will be judged on their findings, collaboration and quiz score.	13th-22nd January 2022	Science Department, Gordon's School. Winners of the Thames Valley regional competition will go on to represent nationally at a UK university.
	Cambridge Chemistry Challenge	Year 12	Year 12 pupils, solo effort	Ask/email Mrs Radley and ask to be registered. fradley@gordons.school	This competition aims to stretch and challenge students interested in chemistry, and will provide an excellent experience for anyone considering taking their studies further. Set by an experienced team of teachers and university chemists, it is designed to be accessible to Year 12 students but will take them significantly beyond the syllabus and encourage them to think about science in the way they would at university. It will take the form of a 90 minute written paper which students will take at school.	Usually towards the end of summer term.	Science Department, Gordon's School, and those who perform best will win an invitation to a residential camp at the University of Cambridge at the end of August.
	RSC Schools' Analyst Competition	Year 12	Year 12 pupils, up to ten teams of three students can participate.	Contact Miss Copeman for more information. ccopeman@gordons.school	The Schools' Analyst competition enables students competing in Year 12 to demonstrate and expand on their existing chemistry knowledge, skills and aptitude for analytical science through practical analytical experiments based on relevant societal or industrial problems. Each competition aims to provide some tasks which are relatively familiar to the students such as titrations and others which are likely to be unfamiliar, such as chromatographic separations or atomic and molecular spectroscopy.	Late spring/early summer	Gordon's school laboratories
	Cambridge Chemistry Race	Years 12 & 13	Teams of 3-5 sixth-form students (year 12 and/or 13)	Contact Mrs Radley for more information. fradley@gordons.school	Cambridge Chemistry Race is a new chemistry competition for teams of 3-5 sixth-form students organised by the Department of Chemistry, University of Cambridge. The teams race against each other in solving chemistry problems; who gets the most points within the time limit, wins.	Saturday 19th February 2022	Department of Chemistry, University of Cambridge.
	University of Oxford Virtual Schools' Chemistry Conference	Years 12 & 13	This is open to all KS5 students (16-19 yrs)	Just turn up! We will be live streaming this event for you, feel free to bring along a drink and a snack.	This year will feature talks and Q&A on cutting-edge chemistry at Oxford. We're delighted to confirm talks from Professor Peter Edwards and Dr Marie Wong.	Thursday 30 September 4-6pm	Exact location TBC but will most likely be in S1.
	RSC Chemistry Olympiad	Year 13	Entrants should be at least 16, ideally in year 13 but also open to year 12 pupils	Ask/email Mrs Radley and ask to be registered. fradley@gordons.school	The competition is designed to challenge, so will not be easy. Students should see it as an opportunity to develop their thinking and problem solving skills, and to test their existing knowledge of chemistry in real-world situations. We will run practice sessions leading up to the main event! Run annually, the competition is made up of three stages that start with a written test and end with four students representing the UK at the prestigious International Chemistry Olympiad.	Registration opens 20 September and closes 10th January. Round 1 is in late January, round 2 is in late March	Science Department, Gordon's School, and if you are good enough to get picked, the final stage is international, held this year in China!