

# Dover Grammar School for Girls

## Applicant Information

### Part time Teacher of Science

(applications from Chemistry, Biology & Physics specialists welcome)

Required: from April

(alternative start date could be discussed)

Maternity Cover (MPR)



Dover Grammar School for Girls is an Outstanding Grammar School which fosters excellent academic standards combined with a strong and caring community. It is also an innovative school where staff are encouraged to look constantly at various ways of improving every aspect of our work. To summarise, it is a place where students can enjoy the very best education.

Dover Grammar School for Girls is committed to safeguarding and promoting the welfare of our students, so the interview will include questions relating to child protection.

Members of the interview panel have undergone Safer Recruitment training. This post is exempt from the provisions of the Rehabilitation of Offenders Act 1974 and an enhanced DBS check will be required prior to appointment.

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t: 01304 206625

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 [dggs\\_info](#)





Dear Applicant,

Thank you for your interest in the post of Teacher of Science. This is an exciting opportunity to join the team at one of Kent's highest performing grammar schools. Dover Grammar School for Girls is a selective, high achieving school with 688 girls in Key Stages 3 and 4 and a co-educational sixth form of 224 students. We have been oversubscribed for many years and have twice been rated 'Outstanding' by Ofsted; the latest inspection was 2013.

In 2020 93% of students achieved Grade 5 or above in English and Mathematics at GCSE and the percentage of students achieving grades 9-7 was 46%. At A Level, 62% of all grades achieved were at A\* to B.

The school's Level 3 Value Added score has historically been significantly positive. Although we are extremely proud of our students' past achievements, we recognise that there will always be areas for improvement, and, each year, we firmly believe that we can do even better. We are now therefore looking for an enthusiastic, innovative and forward-thinking Teacher of Science to join our successful and dedicated team.

Our students are bright, articulate, fun to be with, and, rightly, expect that their teachers will share and encourage their aspirations. As teachers, we all offer students every possible opportunity beyond the classroom with a wide range of extra-curricular activities, support and pastoral care. We offer wellbeing support and aim to develop not just the academic abilities of our students but also to give them the confidence, life skills and personal qualities and values to succeed in a fast moving and competitive world.

The successful applicant will join a department that is a popular option at GCSE and post 16. We are seeking an outstanding practitioner who is able to teach at Key Stages 3 and 4 with the potential to teach at Key Stage 5. The successful candidate will ensure that the policies and practice deliver 100% 5+ at GCSE. They must be able to support those who find the subject more challenging whilst also stimulating and stretching the brighter students. This post requires an ambitious, innovative, hardworking individual who is committed to developing departmental staff and to giving our students the confidence and knowledge to reach their highest potential. We would welcome applications from biology, chemistry or physics specialists.

This particular post becomes available at an exciting time in our drive to become a school dedicated to promoting courses and careers in Science, Technology, Engineering and Mathematics (STEM). We have recently reviewed and updated our curriculum offer and continue to enhance our whole school enrichment programme in order to ensure that all students have the opportunity of benefitting from a range of different STEM related courses and activities. We would therefore be looking for the successful candidate to have plenty of ideas in order to make a full contribution to this key area of development.

We are a diverse yet united group of individuals working together to ensure that our students, parents and the local community are provided with the highest academic standards. We work hard, but we enjoy what we do.

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If you share our passion, energy, enthusiasm and determination to ensure the progress of our students, and to maintain and further develop a high achieving department of professional colleagues within this close-knit environment, then we look forward to receiving your letter of interest and completed KCC application form, which can be downloaded from our website and Kent Teach. To assist you in this process we have included a job description, person specification and a statement from the Science Department.

We look forward to receiving your application.  
The closing date for receiving your application is midday, Sunday, 24<sup>th</sup> January 2021.

Yours sincerely,



Mr RCF Benson  
Headteacher

# Dover Grammar School for Girls

## Person Specification



### Required

- Qualified Teacher Status
- Education to degree level in an appropriate subject
- Evidence of successful and innovative teaching
- Strong subject knowledge
- ICT proficiency
- Energy and enthusiasm
- Highly organised
- Evidence of commitment to Continuing Professional Development
- Evidence of commitment to extended learning for students beyond the classroom

### Desirable

- Evidence of contribution to whole school development
- Knowledge and understanding of current educational issues
- Experience as a form tutor, including academic monitoring and support
- Experience of teaching in a selective school
- Evidence of networking within and beyond school
- Evidence of providing extra-curricular activities

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## Subject Teacher Specification



### Academic Excellence

- Monitoring, assessing, recording and reporting effectively and on time
- Preparing students for the appropriate public examinations
- Having an awareness of teaching groups' abilities and a commitment to add value

### Personal Fulfilment

- Participating in training and development activities
- Attending and taking assemblies

### High Quality Teaching & Learning

- Promoting positive attitudes to students, parents and colleagues
- Planning, preparing, teaching and marking appropriate work
- Participating in arrangements for own annual performance review
- Reviewing teaching methods with a real focus on how girls throughout the school and 6<sup>th</sup> form boys learn in each lesson
- Reviewing and amending schemes of work/programmes of study as appropriate
- Maintaining good order in the classroom at all times with regard to agreed school procedures
- Supervising students before, during and after school and ensuring supervision duties are undertaken promptly and professionally
- Communicating and consulting with parents, colleagues and outside agencies as necessary

### High Quality Environment

- Ensuring teaching rooms are conducive to learning, are tidy and are left in the correct manner for colleagues
- Utilising display space to inform, challenge and celebrate the subject

### Commitment to the school, the local and the global community

- Covering for absent colleagues where necessary
- Encouraging and supporting the students as they develop as young people and citizens of the future
- The subject teacher will carry out the professional duties as set out in the current School Teachers' Pay and Conditions Document, subject to any amendments due to government legislation
- This role also requires you to be a form tutor, as set out in the Staff Handbook

# Dover Grammar School for Girls

## Science Department Statement



Students at Dover Grammar School for Girls place a strong emphasis on their success in the science subjects. They have an appetite for learning and understand the importance of a firm grounding in science to equip them for their future. As an important part of STEM education our aim is to prepare students for post-secondary study and the 21st century workforce. Taking students beyond the curriculum to explore careers and opportunities in science related fields is a high priority for us. Enrichment days, trips and talks enable students to reach beyond their current experiences.

September saw the opening of a new science building, the Elizabeth Garrett Anderson Centre, comprising four state of the art laboratories. There are three further laboratories in adjacent buildings. This has brought the whole science team together and enabled increased collaboration between the three science subject areas. The two technicians are highly experienced and practical support is second to none. Direction and leadership of the three subject areas is provided by the subject leaders for Biology, Chemistry and Physics with oversight from the Curriculum Lead for Science.

Students follow the AQA Activate scheme at Key Stage 3 during years 7 and 8 with four periods of 50 minutes per week. Integrated into the scheme are extension elements which enable these able pupils to explore selected topics in greater depth. The curriculum has been carefully structured to ensure a smooth KS2 to KS3 transition with students being appropriately challenged from the outset.

Delivery of the GCSE course begins in year 9 with students having four periods per week. All students are taught the AQA triple science syllabus at this stage. In year 10 just under half of the girls continue with triple science, the rest following the AQA Trilogy combined science route. In years 10 and 11 classes are taught for two periods per subject, by subject specialists.

In the Sixth Form science A levels are popular. For students who have gained a grade 6 at GCSE, additional STEM access lessons provide further support on the key scientific skills and competencies which will allow these students to succeed at a high level in their A level studies.

### Staffing

The Science Department comprises 10 teaching staff and 2 Technicians.



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## Science Department Statement

### Examination Results for 2019



A Level	A*	A	B	C	D	E				
Biology	0	3	3	6	3	2				
Chemistry	0	1	4	3	6	4				
Physics	0	1	1	1	3	2				
<b>GCSE</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>4</b>				
Physics	5	18	15	10	5	3				
Biology	6	13	13	18	6	0				
Chemistry	6	13	16	12	7	2				
<b>GCSE</b>	<b>8-8</b>	<b>8-7</b>	<b>7-7</b>	<b>7-6</b>	<b>6-6</b>	<b>6-5</b>	<b>5-5</b>	<b>5-4</b>	<b>4-4</b>	<b>4-3</b>
Combined Science	2	5	6	12	12	11	8	9	0	5

## Centre Assessed Results for 2020

A Level	A*	A	B	C	D	E				
Biology	0	4	10	7	5	1				
Chemistry	1	2	3	6	3	2				
Physics	1	1	3	4	2	4				
<b>GCSE</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>4</b>				
Physics	6	16	19	12	6	0				
Biology	6	12	18	19	4	0				
Chemistry	6	15	15	16	7	0				
<b>GCSE</b>	<b>8-8</b>	<b>8-7</b>	<b>7-7</b>	<b>7-6</b>	<b>6-6</b>	<b>6-5</b>	<b>5-5</b>	<b>5-4</b>	<b>4-4</b>	<b>4-3</b>
Combined Science	1	3	6	13	10	10	11	7	6	1