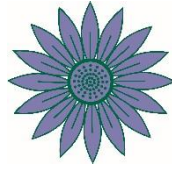


**Mayfield Grammar School
Gravesend**

**Appointment of
Leader of Technology
required from November 2023 onwards**

Closing date: 1pm – Friday 6th October 2023



Mayfield Grammar School

Gravesend

Pelham Road, Gravesend, Kent DA11 0JE
Telephone: 01474 352896 Fax: 01474 331195
Website: www.msgs.kent.sch.uk Email: enquiries@msgs.kent.sch.uk

Leader of Technology

Full Time. Required from November 2023

**The school will consider applicants who request a later start date
Main Professional Scale/UPS + TLR 2A**

This is an exciting opportunity for an enthusiastic and committed teacher to join this very successful 11-18 selective girls' school with boys' in the Sixth Form. We are looking to appoint a suitably qualified colleague to lead our Technology Department.

Technology (Textiles, Design Technology and Food & Nutrition) is a popular choice at GCSE and A Level.

The person appointed will receive high quality mentoring and support and there is also plenty of scope to be involved in a wide range of extra-curricular activities.

Further details and an application form are available from the Staff Vacancies section of the school website www.msgs.kent.sch.uk

Applications made via TES Online will be accepted.
CVs will not be considered and should not be submitted.

All applications with a covering letter addressed to Mrs E Wilson, Headteacher must be received by **1.00pm on Friday 6th October 2023**

This school is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.

Mayfield Grammar School, Gravesend

Mayfield Grammar School, Gravesend is a selective girls' school with boys in the sixth form which is situated in the town of Gravesend, with easy access to the A2 and M25 and a direct rail link to Charing Cross. In February 2012 we converted to Academy Status and the school celebrated its Centenary throughout 2014/15.

The school occupies two sites. One houses the original 1926 building with its distinctive quadrangle and bell tower, surrounded by its playing fields. New Science, Technology and Dining facilities opened across 2020-2021. Our second site has specially designed facilities for Technology, Sports and Drama which opened in 1995. There is IT provision on both sites and a new teaching block opened in 2021 which houses our new library, Music, Multi-purpose activity studio, additional classrooms and specialist IT rooms.

The school is an 11-18 grammar school. Entry at age 11 is via the Kent 11 plus selection procedure comprising nationally standardised Verbal, Non-Verbal and Mathematics tests. The procedure allows admission of the top 25% of the ability range. An optional additional opportunity to assess eligibility for admission is available through the Mayfield testing procedure.

The school was judged to be Outstanding by Ofsted in June 2013. Ofsted reported that "achievement in all subjects including English and Mathematics is exceptionally high" and that "The behaviour of students is exemplary. They engage enthusiastically with their learning, are courteous, polite and keen to contribute fully to the life of the school".

We are an outward looking school determined to provide the highest quality education by capitalising on opportunities available to the school. We work as a team where the contributions of all the staff are equally valued. We place major importance on providing new staff with an effective induction into the school and all staff are constantly seeking to improve their professional practice through external and internal training. Governors, parents and the community are extremely supportive of the work of the school.

The Senior Team consists of the Headteacher, a Deputy Headteacher, Senior Assistant Headteacher and five Assistant Headteachers. Curriculum Leaders lead their subject teams to ensure a high-quality teaching and learning experience for all our pupils. Pastoral care is led by an experienced team of Learning Leaders who work with Form Tutors and are supported by Key Stage Co-ordinators (AHTs) and the Senior Assistant Headteacher. A House System was introduced in September 2014. Merit points are given to students during the year and the Aster Trophy is awarded to the House with the most points overall at the end of the academic year.

The curriculum follows National Curriculum guidelines. All students have the opportunity to gain ten or eleven GCSEs at the end of Year 11.

There are circa 1319 students on roll, 320 of whom are in the Sixth Form.

The school PAN is 210 for year 7 entry.

Extra-curricular activities include a full sporting programme, choirs, orchestras and other club activities. A large number of students participate in the Mayfield Challenge (Lower School) and the Duke of Edinburgh Award Scheme (Upper School and Sixth Form). There are Conferences, the Graduation Ball and many other opportunities for students to participate in events outside their classroom studies. The school enjoys strong links with the local business community and runs a full Careers (CEIAG) programme. The school runs an extensive programme of trips and visits both locally, nationally and abroad for all year groups.

Mayfield Grammar School is a happy community where we foster excellent relationships between staff and students.

This is a non-smoking school.

Anyone interested in the school is welcome to visit our website at www.mgsg.co.uk

Mayfield Grammar School, Gravesend

Technology Department

An opportunity has become available for a suitable candidate to join the Technology Department. The person appointed will join and lead a lively, enthusiastic and academically successful Department, which at present comprises four full-time and one part-time members of teaching staff with three technicians for Technology.

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| Mrs Claire Johnston | Leader of Technology |
| Miss Camille Widdison | Teacher of Technology/Sixth Form Learning Leader |
| Miss Alice Spinola | Teacher of Technology |
| Mrs Eleanor Kerrison | Teacher of Technology |
| Mrs Lauren Hill | Teacher of Technology |
| Mr Errol Cocks | Technology Technician (DT) |
| Mr George Barfoot | Technology Technician (Food) |
| Mrs Alison Whittingham | Textiles Technician |

Technology is currently taught in a suite of five rooms and new facilities became available in 2018-19. We have a wide range of resources available, and we encourage a variety of teaching methods to be used in the classroom. We embrace new approaches to teaching and develop those that prove successful.

The successful candidate will be leading the Technology Team and will have the opportunity to work with the SLT Line Manager and Deputy Headteacher (Curriculum and Staffing) to develop the staffing structure required to continue to support staff to ensure the highest standards of curriculum delivery are maintained and developed for all our students.

Lower School Technology

In Year 7 and 8 our aim is to produce creative autonomous designers with the will and insight to want to change and modify our environment for the better. This is taught through exciting units of work that are spread over two years in the material areas of food, graphics, product design and textiles. The core of every material area is the design process which develops skills in:

- Generation, development and communication of ideas
- Creative response and problem solving of briefs and tasks
- Applying knowledge and understanding of materials and processes
- Reflection and evaluation of own designing

By the end of Year 7 students will have a portfolio of 2D and 3D design solutions in two material areas that will evidence their analytical, theoretical and practical capabilities within the context of design. By the end of Year 8 students will have demonstrated a wide range of skills and knowledge in all four material areas.

Students are introduced to numerous tools, equipment and machinery in the different practical workshops of textiles, food and product design. There is a strong emphasis on health, safety and hygiene and students are taught the correct skills and procedures needed when carrying out their work.

Upper School Technology

Year 9

Students start by completing a design project for the first term which enables them to develop key design skills in preparation for their next project. For the remainder of the year, students choose one material area to specialise in; food, product design or textiles. This is when the full design process will be carried out from research, generating and developing ideas, modelling, trialling and testing leading to the full realisation of an end product, which will prepare them for GCSE, if they choose to take one of the courses.

GCSE Design and Technology

The new D&T GCSE is the design, prototyping and modelling or making of primarily functional and aesthetic products, objects and environments, drawing upon intellectual, creative and practical skills.

Students develop knowledge and understanding using sources that inspire the development of ideas, relevant to product design including:

- How sources relate to historical, contemporary, cultural, social, environmental and creative contexts
- How ideas, feelings, forms and purposes can generate responses that address specific needs be these personal or determined by external factors such as the requirements of an individual client's expectations, needs of an intended audience or details of a specific commission.

GCSE Textiles Design

Textiles Design is the creation of artefacts and products in woven, knitted, stitched, printed or decorative textiles that might have a functional or non-functional purpose.

Students are encouraged to work in a range of areas within textile design, such as those listed below:

- Art textiles
- Fashion design and illustration
- Costume design
- Constructed textiles
- Printed and dyed textiles
- Surface pattern
- Stitched and or embellished textiles
- Soft furnishings and/or textiles for interiors
- Digital textiles
- Installed textiles.

GCSE Food & Nutrition

Students use ingredients to modify and create new and exciting food products whilst exploring scientific details behind the production of food.

Practical skills are nurtured to give them a strong understanding of nutrition and they cover five core topics relating to food preparation skills:

- Food, nutrition and health
- Food science
- Food safety
- Food choice
- Food provenance

Sixth Form

Year 12 and 13 3D Design

The course encourages students to better understand the visual world and provides opportunities to develop a visual language and explore design outcomes.

Students become more aware and confident when making aesthetic judgements and develop their skills to become independent, autonomous artists and designers.

The course is split into different projects throughout the year and each project encourages creativity, which is defined by a collection of work in response to an idea and use of a theme.

Students are actively encouraged to develop independence whilst exploring research and design ideas. They will explore areas such as:

- Ceramics
- Sculpture
- Exhibition design
- Design for theatre, television and film
- Interior design
- Product design
- Environmental and architectural design

- Jewellery/body adornment
- 3D digital design

Year 12 and 13 Textiles

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The course is split into different projects throughout the year and each project encourages creativity, which is defined by a collection of work in response to an idea and use of a theme.

Students become more aware and confident when making aesthetic judgements and develop their skills to become independent, autonomous artists and designers.

Students will explore areas such as:

- Fashion design
- Fashion textiles
- Digital textiles
- Printed and/or dyed fabric and materials
- Domestic textiles and wallpaper
- Interior design
- Constructed textiles
- Art textiles
- Installed textiles

The Department prides itself on its hard work and commitment to all students. We value teamwork, creativity and a positive approach to all aspects of our professional responsibilities.

There is a full induction programme for all new staff joining the school each year and there are further opportunities for professional development through In-Service Training.

Job Description

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| Post Title: | Leader of Technology | TLR | 2A £6,873 (will increase subject to the teacher pay rises being approved) |
| Post Holder: | | | |
| Purpose: | <ul style="list-style-type: none">• To be responsible for leading and developing the Technology team.• To develop and enhance the teaching practice of others within Technology.• To ensure provision of an appropriately broad, balanced, relevant and challenging curriculum for students studying in the subject area, in accordance with the aims and the curricular policies of the school.• To be accountable for student progress and development within the subject area. | | |
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| Reporting to: | SLT | | |
| Responsible for: | Staff teaching the subject Lead Technician of Technology | | |
| Liaising with: | Head/SLT, relevant colleagues and support staff, LA representatives external agencies and parents | | |
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| MAIN (CORE) DUTIES | | | |
| Operational/ Strategic Planning | <ul style="list-style-type: none">• To lead the development of appropriate syllabuses, resources, schemes of work, marking policies, assessment and teaching strategies within the subject.• To actively monitor and follow up student progress across the subject.• To assist in the implementation of school Policies and Procedures.• To work with colleagues to formulate aims and objectives for the subject which have coherence and relevance to the needs of students and to the aims of the school.• To incorporate the use of IT in supporting Teaching and Learning in the subject, including development of Technology Teams. | | |
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| Curriculum Provision and Development: | <ul style="list-style-type: none">• To liaise with SLT to ensure the delivery of an appropriate, comprehensive, high quality and cost-effective curriculum programme which complements the school’s strategic objectives.• To support curriculum development within the school with particular emphasis on the subject area including enrichment opportunities and cross-curricular projects.• To keep up to date with national developments in the subject area, teaching practice and methodology.• To actively monitor and respond to curriculum development and initiatives at national, regional and local levels, including Citizenship, British Values, STEM related activities, Work Related Learning and Enterprise Learning. | | |

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| <u>Staffing</u> Staff Development, Recruitment and Deployment: | <ul style="list-style-type: none"> To work with the SLT and AHT (Learning & Teaching) to ensure that staff development needs are identified and that appropriate programmes are designed to meet such needs. To contribute to Appraisal/Performance Management Review and to act as reviewer for a group of staff within the subject area as required. |
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| | <ul style="list-style-type: none"> • To know and follow school policy and statutory guidance with regard to the welfare and safeguarding (including Prevent and FGM) of all students in your care. • To support the wider life of the school by supporting (when requested) the Mayfield Challenge Co-ordinator in attending the camps that operate in Year 7 and Year 8 or/and support the school's DofE (<i>Duke of Edinburgh's Award</i>) Leader (when requested) by attending expeditions/training days as appropriate. A separate allowance may be applicable for certain activities. The school will seek staff volunteers in the first instance to support these activities before requesting individual staff to participate as laid out in this job description. • To support Sixth Form students in the completion of the EPQ as directed by the school. This will include monitoring student progress and assessment of student work. |
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| <p>Whilst every effort has been made to explain the main duties and responsibilities of the post, each individual task undertaken may not be identified.</p> <p>Staff are expected to undertake any other duties as may be reasonably expected.</p> <p>Staff are expected to uphold the ethos of the school in all aspects of their work.</p> <p>The school will endeavour to make any necessary reasonable adjustments to the job and the working environment to enable access to employment opportunities for disabled job applicants or continued employment for any employee who develops a disabling condition.</p> | |
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| <p>This job description is current at the date shown, but, in consultation with you, may be changed by the Headteacher to reflect or anticipate changes in the job commensurate with the grade and job title.</p> |
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| <p>Sign:</p> | <p>Date:</p> |
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