**Job Description**

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| **Job title:**Mathematics Teacher | |
| **Grade:** | **Location: Astor Secondary School** |
| **Position reports to:**Line Manger | **Liaising with:** Head Teacher, Trust (SSET) Leadership Team, School Leadership Team, Deputy/Assistant Head Teacher, Teaching and Support Staff, external agencies, students and parents. |

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| **Key duties and responsibilities** |
| **Teaching and Learning**   * Design and deliver an engaging and ambitious mathematics curriculum that develops students’ understanding of mathematical concepts, theories, and applications. * Plan for progression across all year groups, ensuring effective learning sequences within lessons and across schemes of work. * Foster a culture of curiosity and analytical thinking, supporting students to develop critical reasoning and problem-solving skills through mathematical enquiry. * Deliver well-structured and stimulating lessons using a variety of teaching strategies and resources, including digital technologies where appropriate. * Support students in preparing for Mathematics GCSE and A-Level examinations, assessments, and coursework. * Instil key skills of calculation, data interpretation, and logical reasoning that are fundamental in social and working environments. * Provide constructive and timely feedback to students, ensuring they understand their progress and how to improve.   **Extracurricular and Enrichment**   * Support students in gaining experience in mathematical research, including data collection, statistical analysis, and problem-solving.   **Developing Professional and Constructive Relationships**   * Set high expectations for students, promoting a culture of respect, inclusivity, and collaboration. * Communicate effectively with parents and carers regarding student progress, attainment, and wellbeing. * Work collaboratively with colleagues across departments to integrate mathematics into cross-curricular learning where appropriate. * Share best practices and support colleagues in developing their own mathematical knowledge and skills in the classroom.   **Safeguarding and Wellbeing**   * Maintain an up-to-date knowledge of safeguarding policies and procedures, including reading and implementing key safeguarding materials. * Be vigilant in identifying and supporting students whose progress or wellbeing is affected by personal circumstances, referring them for additional support as necessary.   **Professional Development and Leadership**   * Regularly evaluate personal teaching practices and seek professional development opportunities to enhance subject knowledge and pedagogy. * Stay informed of national developments in mathematics education, including examination board specifications, curriculum changes, and industry trends. * Play an active role in whole-school initiatives, contributing to staff training and development where relevant. * Act as a role model within the school, demonstrating enthusiasm and dedication to the subject.   **Professional Knowledge and Skills**   * Strong subject knowledge in Mathematics, including disciplines such as numbers, algebra, ratio, proportion and rates of change, geometry, probability and statistics. * An understanding of effective pedagogy in Social Sciences, including differentiation strategies to support students of varying abilities and needs. * Experience in guiding students through research, data analysis, and the application of theoretical concepts to real-world situations. * Knowledge of assessment and reporting procedures, including those related to GCSE and/or A-Level Social Science subjects. * Ability to use ICT effectively to enhance teaching and learning, including digital platforms for research, collaboration, and analysis.   **Personal Responsibilities**   * Uphold professional standards and act as an ambassador for the school and its values. * Demonstrate a commitment to the safeguarding and welfare of all students. * Work collaboratively as part of the school team, contributing to a positive working environment. * Take responsibility for personal professional development and actively engage in training opportunities. * Undertake any other reasonable duties as required by the school leadership team.   This job description may be subject to review and amendment in consultation with the post holder to meet the evolving needs of the school.  Astor Secondary School is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment. |

**Person Specification**

**Mathematics Teacher**

The following outlines the criteria for this post. Applicants who have a disability and who meet the criteria will be shortlisted.

Applicants should describe in their application how they meet these criteria.

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|  | **CRITERIA** |
| **QUALIFICATIONS** | A degree or equivalent with Qualified Teacher Status (QTS).  Degree in Mathematics or a related field. |
| **EXPERIENCE** | Experience teaching Mathematics at Key Stages 3, 4 and ideally Key Stage 5. Strong subject knowledge and an ability to convey complex ideas in an accessible manner. |
| **SKILLS, ABILITIES AND BEHAVIOURS** | Commitment to high standards of teaching and learning.  Excellent communication and interpersonal skills.  Ability to inspire and motivate students of all abilities.  Strong organisational skills and the ability to manage workload effectively.  A commitment to safeguarding and promoting the welfare of children and young people.  A collaborative approach to working with colleagues across departments.  **Desirable:**  Experience teaching multiple Mathematics disciplines.  Evidence of continuous professional development.  Experience with pastoral responsibilities such as a form tutor role.  Involvement in extracurricular or enrichment activities related to Mathematics. |
| **KNOWLEDGE** | Knowledge of policies and procedures relating to child protection, safeguarding, health and safety, security, diversity, inclusion and equalities, data protection and confidentiality. |