Teacher of Computer Science - AI Innovation Lead
MPS / UPS + TLR 2

We are seeking a dedicated and passionate teacher to join our team. The successful candidate will plan, deliver, and review high-quality lessons in accordance with the curriculum, ensuring that all students are engaged and making exceptional progress. This role requires a commitment to fostering a positive learning environment and supporting students' academic and personal development.

Key Responsibilities:

- Plan, deliver, and review lessons that are appropriate to students' age and ability, facilitating their learning progression.

- Ensure teaching is broad, balanced, engaging, and appropriately differentiated to maximize student potential.

- Identify and address individual student needs to ensure outstanding progress and wellbeing.

- Promote and maintain discipline in line with the academy's behavior policy.

- Use formative and summative assessments effectively to inform lesson planning and interventions.
- Provide constructive feedback that supports students' learning and development.

- Manage the classroom and resources to create a positive and effective learning environment.

- Set and monitor homework assignments where appropriate.

- Fulfill pastoral responsibilities by supporting students throughout the school day.

- Engage in professional development to enhance teaching practices and contribute to the academy's strategic objectives.

- Attend and lead meetings, training sessions, and administrative tasks as required.

- Implement all trust policies consistently and contribute to decision-making processes.

- Report any safeguarding concerns immediately to the designated safeguarding lead.

- Carry out any other reasonable duties as requested by the Headteacher.

Teaching and Learning Responsibility (TLR) - AI Innovation Lead

About the Role:

Sidney Stringer Multi-Academy Trust is committed to providing exceptional educational opportunities for all students. We recognise the transformative potential of Artificial Intelligence (AI) in education and are seeking a highly motivated and forward-thinking AI Innovation Lead to champion the development and implementation of AI-driven strategies across our family of schools.

This is a unique opportunity to shape the future of learning within our Trust, empowering educators and enriching student experiences through the responsible and effective integration of AI tools and methodologies. The successful candidate will be a passionate educator with a strong understanding of current educational trends and a keen interest in exploring the possibilities of AI in Education.

Key Responsibilities:

Vision and Strategy:

- Develop and implement a comprehensive AI teaching and learning strategy aligned with the Trust's overall educational vision and strategic objectives.
- Conduct research and horizon scanning to identify emerging AI technologies and best practices relevant to education.
- Advise the Trust leadership team on the ethical and practical considerations surrounding the use of AI in education.
- To evaluate where AI could make a positive impact on organisational performance.

Professional Development and Training:

- o Design and deliver high-quality professional development opportunities for teachers and support staff on the effective use of AI tools and resources.
- o Create and curate resources (e.g. training materials, case studies, best practice guides) to support the integration of AI into planning, assessment, teaching and learning.
- o Mentor and coach teachers in the development and implementation of AI-enhanced lesson plans and activities.

Curriculum Development and Implementation:

- o Collaborate with curriculum leaders and MAT Leaders to identify opportunities to utilise AI for efficiency
- o Develop innovative learning activities that leverage the power of AI to personalize learning, provide feedback, and enhance student engagement.
- o To be able to produce, with guidance and support from the Vice Principal with responsibility for IT, applications and AI tools that meet the needs of the Multi Academy Trust.

Research and Evaluation:

- o Conduct action research to evaluate the impact of AI interventions on student outcomes and teacher practice.
- o Gather feedback from teachers and students on their experiences with AI tools and resources.
- o Disseminate findings and best practices to the wider Trust community.

Stakeholder Engagement:

- o Build strong relationships with teachers, students, parents, and other stakeholders to promote the responsible and effective use of AI in education.
- o Represent the Trust at external events and conferences related to AI in education where needed.
- o Liaise with external partners and vendors to explore potential collaborations and partnerships.

Safeguarding and Ethical Considerations:

- o Ensure all AI initiatives are implemented in accordance with relevant data protection regulations and ethical guidelines.
- o Promote digital citizenship and responsible use of technology among students and staff.

Person specification

Aspect	Essential	Desirable	Measured By
Education & Qualifications	- Qualified Teacher Status (QTS) - Degree in relevant subject	- Postgraduate qualification - Further CPD in teaching methods	Application form

| **Knowledge & Experience** | - Understanding of the National Curriculum

- Experience teaching KS3 & KS4 (and KS5 if applicable)

- Effective classroom management strategies

- Proven track record of outstanding teaching and learning.

- Strong understanding of current educational trends and challenges. | - Experience in pastoral roles

- Experience with SEN or EAL students

- Knowledge of recent educational developments

- Experience of working across multiple schools or academies.

- Experience of developing software applications.

- Formal training or certification in AI, programming or related fields.

- Experience of developing and delivering professional development programmes.

Knowledge of data privacy regulations (e.g., GDPR).

Experience of conducting research and evaluation. | Application form
Lesson observation
Interview |

Skills & Abilities	- Excellent communication, interpersonal and presentation skills - Ability to differentiate lessons for diverse needs - Effective assessment and feedback strategies - Ability to inspire and engage students - Ability to work independently and collaboratively within a team. - Passion for exploring the potential of AI in education and a commitment to ethical and responsible innovation. - Excellent IT skills and proficiency in using a variety of digital tools.	- Use of technology in education - Ability to lead extracurricular activities - Experience in mentoring or coaching	Application form Lesson observation Interview

Other	This post is exempt from provisions of the Rehabilitation of Offenders Act 1974. A Criminal Record Disclosure will be required prior to appointment.	