



Saint Christina's

Pre-Prep and Prep School
for boys & girls aged 3-11

Job Description and Person Specification

Post Title: Head of STEM

Reporting to: Assistant Head (Academic)

Start Date: September 2025

Salary: Commensurate with experience and in line with the school's pay scale

Purpose of the Role:

The Head of STEM at Saint Christina's will lead the development of Science, Technology, Engineering and Mathematics from Nursery to Year 6, ensuring a high-quality, progressive and ambitious curriculum. The postholder will model outstanding teaching, promote curiosity and critical thinking, and contribute fully to our values-led approach to education, where Kindness is the golden thread. This role forms a key part of our strategic vision to develop Knowledge, Skills, Character Formation, and a Culture of Thinking.

Job Description: Key Responsibilities

Strategic Leadership of STEM:

- Design and implement a coherent and ambitious whole-school STEM strategy.
- Develop and review curriculum content, assessment and pedagogy for Science, Computing, DT and cross-curricular STEM links.
- Promote real-world applications of STEM through projects, clubs, competitions, and themed events such as STEM Week.
- Lead and inspire a culture of enquiry, challenge and excellence in line with our values and inspection readiness priorities.
- Build links with secondary schools, STEM industries, and academic institutions to enrich the curriculum and inspire future learning pathways.

Teaching and Learning:

- Deliver consistently excellent teaching in a STEM subject area, modelling high expectations and innovative practice.
- Embed metacognition, critical thinking and self-reflection in lessons, in line with whole-school approaches.
- Use high-quality questioning and feedback strategies to support pupil independence and intellectual curiosity.
- Create a learning environment that is inclusive, purposeful and inspiring for children of all backgrounds and abilities.

Monitoring and Evaluation:

- Lead subject monitoring including lesson observations, planning reviews, pupil voice, and book scrutiny.
- Analyse and act on attainment and progress data to ensure excellence for all.
- Complete a termly curriculum audit and SWOT analysis for STEM, contributing to the whole school SEF and SDP.
- Collaborate with colleagues to ensure consistency, coherence and progression across year groups.

Staff Development and Collaboration:

- Support and upskill colleagues through coaching, CPD and resource sharing.
- Share and embed good practice through twilight sessions and whole-staff training.
- Promote intelligent use of technology in teaching and learning, including through the school's recent investment in IT infrastructure.

Health & Safety, Safeguarding and Compliance:

- Ensure safe practice in all practical activities with appropriate risk assessments and adherence to policies.
- Work with the Deputy Head (DSL and H&S Lead) and Bursar to maintain a safe environment.
- Ensure the subject is compliant with the Independent School Standards and contributes positively to ISI inspection outcomes.

Category	Essential	Desirable
Faith Commitment	To be, or to be in sympathy with, the school's Catholic ethos	Catholic or Christian conviction
Qualifications	QTS and degree-level qualification	Postgraduate study in a STEM field or further professional qualification
Teaching & Learning	Ability to teach and inspire high-quality learning across STEM subjects Strong subject knowledge in at least one STEM area Understanding of age-appropriate progression from EYFS to Year 6 Commitment to intellectual curiosity and creative learning Experience of promoting high attainment and progress Skilled in the use of assessment to inform teaching Effective classroom management Strong ICT skills and experience using technology to enhance learning	Understanding of the London 11+ and senior school transition Experience developing cross-curricular projects Understanding of the National Curriculum Understanding of how STEM links to spiritual, moral, social and cultural development
Experience	Experience teaching STEM in KS2 Ability to differentiate for a range of needs and	Experience leading a subject or initiative

	abilities Track record of raising standards in teaching and learning Experience managing behaviour to create a purposeful environment	Experience teaching across a range of age groups in a primary/prep setting
Professional Development	Commitment to personal CPD Willingness to lead staff development in STEM Understanding of own training needs and ability to support others	Evidence of subject leadership training or mentoring experience
Accountability and Conduct	Excellent communication and professionalism Commitment to the values and strategic direction of Saint Christina's Ability to contribute to a culture of high standards Ability to reflect on practice and respond to feedback Support for school-wide policies and practices	Secure understanding of inspection frameworks and the use of performance data
Skills and Qualities	Outstanding teaching skills Personal intellectual curiosity and creativity Excellent organisation and time management High expectations of children's behaviour and effort Warm, approachable, and collegial Positive under pressure, adaptable, solution-focused	Hobbies or outside interests that enrich the learning experience for pupils