

STEM Learning Limited

1. Role Particulars	
Role Title: Head of Education - Technology	Reports to: Director of Strategy & Partnerships
2. Organogram	
<pre> graph TD DSP[Director of Strategy & Partnerships] --> HET[Head of Education - Technology] HET --> STEMCPD[STEM CPD Lead] HET --> TSS[Team Lead - Subject Specialists] HET --> EEL[Education Engagement Lead] </pre>	
3. Purpose of role	
<p>STEM Learning’s vision is ‘improving lives through STEM education’ by empowering young people with the skills and knowledge to thrive through effective teaching and learning. To achieve this, STEM Learning provides a range of support which includes subject-specific professional development for teachers and other educators, quality assured resources, STEM Ambassadors programme, and a suite of enhancement and enrichment activities.</p> <p>As an Education Technology Specialist, the Head of Education - Technology will lead a large team of educational professionals to maintain and extend STEM Learning’s position within the sector as the ‘home’ of STEM professional development and support. This role will lead STEM Learning's CPD, content development and educational strategies.</p> <p>To achieve this, the Head of Education - Technology will build upon our high-quality professional development and support for STEM education, embracing technology, where relevant, to enhance and optimise our products and services. Efforts will also focus on extending our reach further to improve all teachers’ pedagogy and reduce teacher workload through greater confidence and knowledge (of teachers) to utilise technology and digital products.</p>	
4. Key Results / Accountabilities expected from role	
<p>Key accountabilities for the role of Head of Education - Technology:</p> <ol style="list-style-type: none"> 1. Lead the development of a forward-thinking and cutting-edge Educational Product Roadmap fully aligned to the STEM curriculum and advances in AI, technology and EdTech partnerships and opportunities. The Product Roadmap will incorporate CPD (Continuous Professional Development), resources and other educational products and services to support the teaching of all STEM subjects. 2. Lead a team of educational professionals to innovate and deliver innovative curriculum linked and educational products and services, fully aligned to the Product Roadmap, working in partnership with other teams, including the Digital Team, whilst drawing appropriately on external and internal expertise efficiently to meet the needs of the sector. 3. Technology Integration and Professional Development: Lead the adoption and implementation of technology solutions to enhance teaching and learning. <ul style="list-style-type: none"> • Review, update and develop CPD aligned to the STEM curriculum through the incorporation of AI and technology, ensuring alignment with educational standards and best practices and to tackle specific challenges in education such as teacher workload, attrition or lack of subject specific knowledge. 	

- Design and launch to market CPD for teachers on using technology effectively in the classroom, including hands-on workshops and ongoing support (non-curriculum specific – all teachers – widening our footprint above and beyond STEM).

4. **Research and Innovation:** Stay updated on the latest trends in pedagogy, educational technology and research, evaluating new tools and methodologies for potential adoption across STEM Learning's products and services. Stay informed about emerging EdTech trends and best practices, promoting knowledge sharing inside and outside STEM Learning.

5. Key challenges faced in the role

- Lead a culture of collaboration and partnership working to achieve goals and shared objectives, built upon trust and respect.
- Working within and across matrix-managed teams at pace, providing leadership and focus.
- Need to work flexibly, effectively and collaboratively with a wide range of internal and external partners, balancing priorities and resources to achieve optimum results.
- Time management and dealing with competing priorities and pressures – ability to manage own workload and communicate clearly and collaborate effectively with colleagues, partners and subcontractors to maximise outcomes.

6. Any other information - particular reference to planning (nature and impact), scope of impact.

Supported by – and in partnership with – Government, learned bodies, charitable trusts and employers, STEM Learning is the largest provider of STEM education and careers support in the UK. It is world class at translating research, scientific expertise and pedagogical knowledge into practice at scale to:

- develop and support the expertise of teachers and school and college leaders
- inspire groups and communities
- engage employers and industry.

Our Values: Sustainable – Innovative – Proactive

This role is instrumental in ensuring that STEM Learning achieves its full potential by applying its Values to positively impacting young people's achievement, enthusiasm for and progression in STEM subjects and careers, and maximises the positive impacts for supporting employers.

It is also pivotal in developing STEM Learning's role and profile as the 'go to' place for STEM support across the UK.

7. Relevant experience and expertise (typical educational qualification and experience)

Qualifications & Experience: Education Degree & technology experience; Experience in the application of technology and EdTech solutions to transform teaching and learning products and services.

Technical Proficiency: Strong knowledge of various educational technologies, solutions and platforms. Possess the technical skills to lead the next phase of development of STEM Learning's Continuous Professional Development – skills which blend knowledge of pedagogy with technology to enhance learning experiences and educational outcomes.

Key Areas of Expertise:

Change Agent and Leader - inspirational individual to lead a team of educational professionals who possess subject knowledge and sector experience across all STEM subjects. Confident and knowledgeable.

Excellent verbal and written communication skills for effective interaction with educators and stakeholders.

Innovative and creative leader who can bridge the divide between education and technology.

Ability to integrate digital tools and applications into the curriculum, ensuring that technology enhances teaching and learning rather than complicating it.

Ability to build partnerships with EdTech and Tech providers to accelerate our pace of progress and co-create where relevant.

8. Location

Hybrid working (National office: York-based) with occasional UK travel, including overnight stays.