



Leading STEM: Developing technical and vocational education and training

Monday 12 November 2018

The Postal Museum, 15-20 Phoenix Place, London WC1X 0DA

Conference for FE leaders

Leading STEM is a must-attend conference for middle and senior leaders in Further Education, designed to help you increase the impact of your leadership in STEM.

With an impressive array of educational and industry experts alongside current practitioners and leaders, the conference will explore changes to the curriculum and wider landscape, updates on government policy and the support available through STEM Learning and the Education and Training Foundation (ETF).

With the current uncertainty and turbulence surrounding the educational landscape for post 16 learners in vocational and technical STEM education, collaboration is crucial to help navigate through the many challenges that await. Aimed at senior and middle leaders in FE colleges, this timely conference will provide updates on educational policy, changes to the curriculum and the wider educational landscape.

There will be opportunity to discuss the latest thinking on strategies for tackling the current shortage of STEM skills in the UK, in light of the heightened focus by policymakers on the issue and the additional investment of £406m in maths, digital and technical education set out in the Industrial Strategy White Paper.

This conference will also serve to provide a clear picture of the avenues of support that are available, including careers guidance, CPD for teachers/lecturers, methods of securing employer engagement, enrichment, meeting the demands of industry and supporting progression of learners to employment.

Participants will consider how to adopt a cohesive, cross-sectoral approach to develop sufficient supply in the STEM sector workforce, following the recommendations of the National Audit Office report 'Delivering STEM skills for the economy'.

Keynote speaker

Bill Watkin - CEO, Sixth Form College Association

Lloyd Dean - Head of Digital and Innovative Learning, EDF Energy

John Laramy - Principal, Exeter College

Paul Cocker - HMI, National Lead for Apprenticeships

Kevin Burke - DfE Policy Lead (T Level Professional Readiness)

Perspective

Educational policy

Employer

Educational Leader

Ofsted

Department for Education

Topic

Changes to the educational landscape in technical and vocational education

Cutting edge technology and support for the STEM curriculum

Leading excellent technical education and training in STEM

Exploring the evidence that supports effective judgements about the apprentice progress

T Levels and support for their implementation

Workshop

What Makes Good Careers Guidance? Practical Strategies for Addressing the STEM Skills Deficit

Insight into employment - linking employability skills to the curriculum

Outstanding Teaching Learning and Assessment: OTLA Technical

Building Capacity Through Effective Employer Engagement: Teach Too

Perspective

Good career guidance is a necessity for addressing the STEM skills deficit and has both a social and moral imperative; young people with low social capital and limited parental support suffer the most from poor careers guidance. Learn practical strategies for embedding good careers guidance into the STEM curriculum.

With the current shortfall of recruitment into STEM-related careers, we have a duty to ensure our learners are well placed to meet employer needs in the future. In this workshop, you will learn how to integrate the work of STEM employers into the curriculum and provide learners with the skills they need to thrive.

Showcasing the work of participants in the Education and Training Foundation's Outstanding Teaching, Learning and Assessment (OTLA) National Technical Skills Programme, developed in response to the Report of the Independent Panel on Technical Education (the Sainsbury Review) and the accompanying Post-16 Skills Plan.

Explore how to effectively embed Teach Too principles and practice to enable effective knowledge transfer between employers and providers. Examples of genuine two-way street working that have supported improvements to learner outcomes will be shared, with a diverse range of ready-to-use resources.

Please note this programme is subject to change

Join your peers for a captivating day and develop outstanding STEM provision for your own college. Held at the Postal Museum, your surroundings will be the very embodiment of technological developments over the last century.

Participants at this conference will be able to:

- Lead and develop outstanding STEM education and training for their own college, using a wide range of support from STEM Learning, the Education and Training Foundation (ETF) and many other partner organisations
- Map the STEM curriculum and careers guidance to the needs of employers, reflecting recent changes to educational policy and national priorities
- Develop a strategy for the future delivery of STEM education and training, using first-hand accounts of educational leaders and employers
- Network with leaders of STEM from a wide variety of FE colleges, sharing best practice and approaches to education and training



Free for all leaders of FE colleges throughout the UK

To reserve your place at this conference, please visit:

www.stem.org.uk/rp515

