

Making sense of Maths and Science in Industry

The aim was to contextualise Science, Technology, Engineering and Mathematics (STEM) subjects within level 3 curriculum for engineering learners. Interviews with employers revealed where STEM subjects were used within production processes, enabling the College to develop relevant curriculum support materials. The intention is for employers to deliver part of the curriculum.

“More company related educational programmes will give workforce the attributes needed to progress through to supervisory and junior management roles in a shorter time. Higher Futures representatives were both knowledgeable and willing, with a 'can do' attitude to meeting the needs of our sector”

Peter Hill. General Manager, Metskill.



This was done to improve achievements and to give learners a better understanding of the application of STEM subjects in the industrial world.

The first year showed a 5% improvement in achievements for maths and technology. Two case studies were produced with learning materials to support existing curriculum for the application of STEM subjects.

Three delivery staff from two further education colleges, eleven local employers and the Higher Futures sector leads (one from FE one from HE) participated in delivery.



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