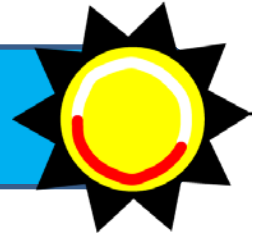


Primary Engineer Programmes

The first steps...



Professional Recognition in Engineering STEM Learning

A year-long Master's Level programme (SCQF Level 11) to develop teacher practice through action research; devising and implementing an EHoM pedagogical approach to teaching and learning.

Chris Rochester

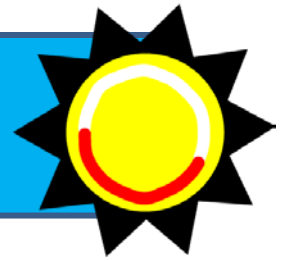
Regional Director for South England



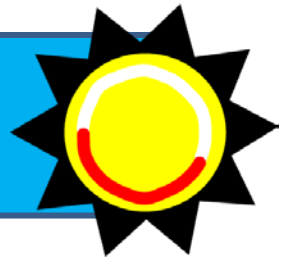
Aims of the Programme

- **To increase teachers' understanding of the STEM 'landscape' through critical engagement with research.**
- **To develop an understanding of their role within the STEM landscape**
- **To develop critical reflection and evaluation of their current practice**
- **To develop a critical evaluation of the impact of project based learning**
- **To increase their understanding of what engineering is**
- **To establish stronger links with local engineering industry to enhance STEM learning**
- **To develop pedagogical STEM strategies through engagement with EHOM (Engineering Habits of Mind)**

Professional Recognition Programme: Engineering STEM Learning



Professional Recognition Programme: Engineering STEM Learning



Assessment 1

Essay on STEM
Landscape

Assessment 2

Engineer
interviews:
research into
'inspiration' and
EHoM.
Presentation on
interview findings

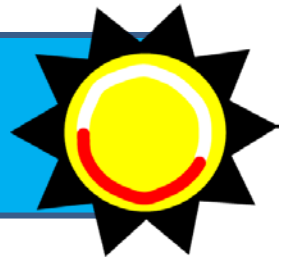
Assessment 3

Action Plan
Report: EHoM
pedagogical
approach

Assessment 4

Final
Assessment:
Essay &
presentation

Professional Recognition Programme: Engineering STEM Learning



Teacher Heroes

Lauren Fisher

Barmulloch Primary School,
Glasgow



Deborah Taylor

Aultmore Park Primary School,
Glasgow

