

Science Technology Engineering and Maths (STEM) Education and Training Strategy (2017)



The RSB responded as part of its wider work, engaging with the devolved nations on STEM education and training.

1. RSB recommendation:

Gender balance challenges are not uniformly applicable to all STEM areas

The invaluable work undertaken by Scottish Schools Education Research Centre should be recognised in the strategy

High quality initial teacher training is a key component of the strategy

Creativity is vital to STEM and should be referenced

Experimentation and practical work should be recognised in the strategy

Greater clarity needed on the value of an additional STEM ambassador network

2. Government's decision:

We will work with schools to help them recognise and address unconscious bias and gender stereotyping

We will continue to support and fund the Scottish Schools Education Research Centre (SSERC)

A self-evaluation framework will allow universities to evaluate their Initial Teacher Education programme

STEM education and training helps students to acquire creativity and innovation skills

Excellent spaces for STEM learning will be included in new builds and developed through school refurbishment projects

The Scottish STEM ambassador system will complement the existing programme, engaging with sectors that require more support

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