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**Module Specifications: School of Education**

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| <b>Module Title:</b>   | STEM subjects and English in Education |
| <b>Module Code:</b>    | BAED06I                                |
| <b>Level:</b>          | 5                                      |
| <b>Credits:</b>        | 15                                     |
| <b>Pre-requisites:</b> | The National Curriculum Module         |

**Module Description:**

This module aims to allow the learner a more in-depth look at Science, Technology, Engineering, Mathematics (often referred to as the STEM subjects) and English. It will review their impact on the face of education and employment opportunities for graduates in society.

It will look at how the different key stages interact with these subjects, how a range of school environments deal with implementing these subjects and the importance that is placed upon them both on the educational establishments and the individual learners studying them as well as how they are reported to the Government for inclusion in the national performance tables.

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**Indicative Content:**

- STEM subjects and their importance in society
  - Current national standards in an international context
  - Employability issues and national trends in relation to STEM
  - School League tables and their impact on societies/communities.
  - The Great Britain education system in relation to other 'developed' countries
  - The impact of schools on their local and regional communities.
  - Relationship of schools performance tables to job security and quality inspections.
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**Learning and Teaching Methods:**

Lectures, seminars, group work, guest speakers, group discussions and research based enquiry.

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**Specific Learning Resources:**

Nothing specific.

**Bibliography**Highly Recommended

Banks, F., Barlex, D., (2014) *Teaching STEM in the Secondary School: Helping teachers to meet the challenge*. Routledge Press: London

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Department for Education website (2016) retrieved from [www.education.gov.uk/schools/performance/index.html](http://www.education.gov.uk/schools/performance/index.html) (everything about schools performance tables)

### Recommended

Cremin, T., (2015) *Teaching English Creatively* (Learning to Teach in the Primary School series). Routledge Press: Abingdon

Gordan, J. (2015) *Teaching English in Secondary Schools*. Sage Publications: London.

Thomas, G., (2013) *Education: A very short introduction* (*very short introductions*). Open University Press: Milton Keynes.

## Module Learning Outcomes

### Subject Specific Learning Outcomes

*On successful completion of this module you will be able to:*

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| <b>LO 1</b> | Evaluate the importance of the STEM subjects, plus English in culture in Great Britain today. |
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| <b>LO 2</b> | Evaluate the emphasis and the importance placed on these subjects by education institutions as opposed to non-STEM or English subjects |
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| <b>LO 3</b> | Critically assess the current reporting systems of the educational system within the United Kingdom. |
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## Assessment Title or element

Task 1 - 3,000 word case study on a school/LEA of your choice centred on the STEM/English subjects, the importance of them within that establishment and their performance nationally.

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*Information correct at point of publication.*