

The STEM Leaders Qualification

- give your students the
head start they deserve!

STEM Leaders
Qualification

slq



It's a real achievement to be a leading scientist, technologist, engineer or mathematician – but how much more useful that achievement is when combined with good personal skills and leadership capabilities. But how to achieve all this within a crammed learning experience?

That's where the STEM Leaders Qualification (SLQ) comes in. It's an exciting new initiative, developed by the Centre for Science Education (CSE) at Sheffield Hallam University, in partnership with the Specialist Schools and Academies Trust and EDEXCEL.

The SLQ scheme is based on the Personal Capabilities model, developed for over a decade by the CSE. It is founded on three core domains of leadership – collaboration, self belief and thinking.

The SLQ offers:

- BTEC qualification for youngsters (11-16 years)
- equivalence to a full GCSE, with league table points
- Level 1 and 2 Certificates
- 6 units of work, totalling 130 hours
- certification within Edexcel's Workskills Framework

Youngsters:

- produce evidence of achievement in whatever form they wish
- utilise self and peer 'Assessment for Learning' strategies
- are assessed internally by teachers in an easy and straightforward manner
- are offered a range of activities using current resources alongside new developments from qualification authors
- are accredited for work across the curriculum as well as engagement and enrichment activities
- develop Personal Learning and Thinking Skills (PLTS)
- gain careers awareness, workplace experience and interaction with STEM practitioners,
- develop personal-responsibility, self-esteem and self-determination



Flexible and responsive

SLQ is flexible. It gives accreditation for Engagement and Enhancement activities (CREST, Nuffield Bursaries, Young Engineers Clubs, etc), as well as activity in the curriculum.

The assessment criteria can be accessed for evidencing through the Personalisation by Pieces software (Cambridge Education). (Go to <http://www.camb-ed.net/pbyp/> for more information).

New resources to support the qualification are also being developed at the moment by people including the authors of the specification. These will be available XXX.

What's coming now...

- a website for youngsters and teachers
- regional Hubs for schools and colleges to share experiences
- bespoke resource packages, including CPD
- support from an esteemed advisory group
- endorsement and promotion via the STEM community.

How can you get involved?

If you'd like to know please contact the Centre for Science Education on 0114 225 4870

or email Lynne Bianchi (l.m.bianchi@shu.ac.uk) or Chris Williams (c.williams@shu.ac.uk).

For updates and information visit:
www.personalcapabilities.co.uk

www.personalcapabilities.co.uk



centre for
science
education

Many thanks to the Comino Foundation &
the Specialist Schools & Academies Trust for
their ongoing support with this work.