

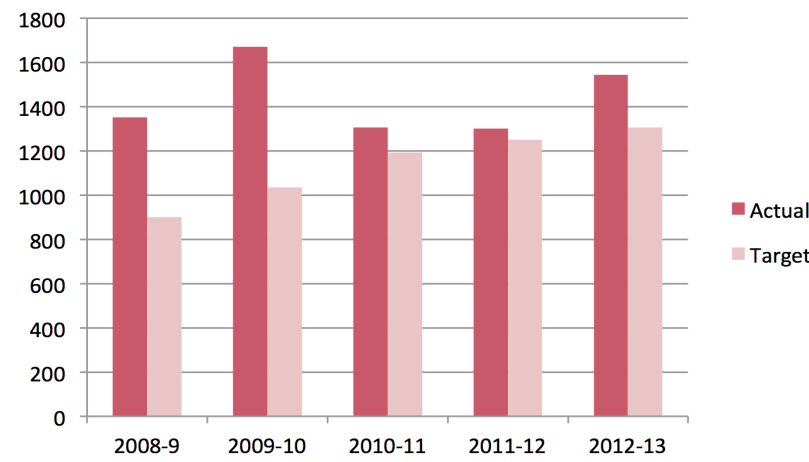
Science Learning Consortium

Derbyshire, Yorkshire & the Humber and the North East

Science Learning Centre Yorkshire and the Humber was established at Sheffield Hallam University in 2004.

Department for Education (DfE) funded programme providing CPD and support for science teachers and technicians in primary, secondary and post 16 schools and colleges.

Since then we have delivered 11000 teacher throughput days in 3 phases of delivery, consistently exceeding targets.



Over the three phases of the programme we have moved to a balanced model of working:

- common course programme for all teachers
- intensive focused work with individual schools

Our focus has always been engaging teachers in the reflective process of professional development - understanding what works and how it works.

We have always believed in working collaboratively - LAs, SSAT, National Strategy, ASE, STEMNET and now Teaching School Alliances

From August 2013 we won a new contract for the expanded region covering Derbyshire, Yorkshire and the Humber and the North East.



This will involve developing Science Learning Partnerships with Teaching School Alliances.

Three are now operating:
Carmel College TSA, Darlington
Outwood TSA, Wakefield
Hallam TSA, Sheffield

Our objective (and that of the DfE) is to raise the quality of science teaching and thus inspire students, by:

- providing effective, high quality continuing professional development which updates teachers' and technicians' subject knowledge, pedagogical skills and appreciation of careers from science
- preparing teachers to deliver the new National Curriculum
- changing the culture among teachers and head teachers so that accessing development opportunities to update professional knowledge is regarded as essential and becomes the norm
- translating research in science education into relevant classroom practice
- raising the level of, and constantly updating, the collaborative links between science teachers and science research centres and institutions
- providing accreditation of CPD developed by the network of Science Learning Centres for career development purposes

Our measures of achieving success...

impact on teachers	impact on their schools	impact on students
increase in quality of teaching	increasing dissemination of CPD in schools	increase in students' attainment in science
increasing confidence of teachers in teaching science	changing attitudes to subject-specific CPD from senior leaders	increase in students' engagement and interest in science
increase in numbers and frequency of staff undertaking subject-specific CPD	increase in SLP staff delivering CPD	
	increase in staff retention	

We have two DfE funded Regional Delivery Centres

Based at Sheffield Hallam University and Framwellgate School, Durham.



We also deliver CPD in:

- schools
- conference venues
- STEM work places (industry, research centres, fieldwork)
- museums
- science centres



In developing and delivering the CPD programme we work with:

- Teachers and Technicians
- Schools
- Teaching School Alliances
- Academy Chains
- Education Researchers
- Consultants
- Local Authorities
- Scientists
- National STEM Centre
- Charitable Organisations (Wellcome, Gatsby)
- Industry
- Government

Research completed:

- Impact Evaluation
- CPD models
- Career Progression and Retention
- Online CPD
- Lesson Study/Action Research/Self Study
- Support for Non-Specialist Teachers (Physics and Chemistry)
- CPD for Professional Development Leaders
- There are opportunities for further research in these and other areas of the programme

Scale of work

Schools in our region:	Targets 2013/4:
Primary: 3231	1742 teachers
Secondary: 541	2386 CPD days
Post 16: 71	

Potential income 2013/4:
£1.03m

To work with us or find out more, please contact:

John Wardle



Emily Perry



Heather Wain



Sheffield Hallam University

Centre for Science Education

City Campus, Howard Street,
Sheffield, S1 1WB
0114 225 4870