

## CONFERENCE WORKSHOPS

### 1. GREENING STEM CURRICULA

The workshop will introduce a green STEM 'Futures' activity from the 25 hour Nuffield Foundation curriculum development project. Curriculum focus: STEM subjects (KS3 and 4).  
Facilitator: Angela Hall, director of Nuffield Foundation's new Green STEM curriculum project.

### 2. GREENING PRIMARY SCIENCE CURRICULA

With North Yorkshire County Council Science Advisory Team.

### 3. EXPLORING GEOGRAPHICAL ISSUES IN SHEFFIELD

A two hour field trip into Sheffield with an opportunity for interaction with the public on a key sustainability issue. Return to Megacentre for debriefing and lunch. Curriculum focus: Geography and learning outside the classroom (KS 2, 3 & 4).  
Facilitator: John Lyon, Programme Director, Geographical Association.

### 4. MANY HEAVENS, ONE EARTH

A brief presentation on the Alliance of Religions and Conservation (ARC) multi-faith climate change work [www.arcworld.org](http://www.arcworld.org) followed by an activity that explores curriculum development possibilities within RE curricula. Curriculum focus: RE (KS 2, 3 & 4).  
Facilitators: Victoria Finlay, Communications Director, ARC and Sarah Fishwick Global Education Advisor, Dioceses of Bradford and Ripon & Leeds.

### 5. GREEN CAREERS

A new 5 minute Green Careers film from Yorkshire Forward/ U-xplore. Discussion on how this film could be used in careers advice sessions to focus young peoples attention on career opportunities in the emerging green/low carbon economy. Curriculum focus: careers advice (KS4).  
Facilitator: Sue Smith, U-xplore and careers adviser.

### 6. THE GLOBAL DIMENSION AND SUSTAINABLE SCHOOLS

This workshop will focus on developing primary and secondary classroom ideas to embed the global dimension and sustainable development in the curriculum through creating compelling learning experiences. Curriculum focus: cross Curricular (KS 2 & 3).  
Facilitators: Mick Bradley and Ray Kirtley Y & H Global Schools Association.

### 7. DESIGNING WITH A 'CLOSED LOOP' PHILOSOPHY

Introducing 'closed loop' thinking in D&T curricula using a short activity. This is one of a series of classroom activities developed by Practical Action/Centre for Alternative Technology. The activities can be adapted for use in primary schools as well as for GCSE students. See <http://tinyurl.com/ylnmles> What is 'Closed loop' thinking? See <http://tinyurl.com/yj7ah66> Curriculum focus: D & T (KS 2, 3 & 4).  
Facilitator: James Pitt, Department of Educational Studies, University of York. James has developed a range of teaching and learning resources around sustainable design.

### 8. MONEY, DEBT AND ESD

A story and activity around the creation of money as debt and its consequences. The missing link in most education for sustainable development (ESD) programmes is understanding the role of money, debt and interest. Discussion on ways to build such ESD foci into enterprise education activities. Curriculum focus: Business Studies and Enterprise dimension (KS 4).  
Facilitators: Ken Webster, ESD Consultant and Jane Walton, Y & H Director Make Your Mark enterprise education programme.

### 9. SUSTAINABLE FOOD AND HEALTHY SCHOOLS

This workshop will introduce an exemplar sustainable food activity developed by Y & H Sustainable Food Education Programme ([www.yorkshireandhumber.net/esd/food](http://www.yorkshireandhumber.net/esd/food)). Discussion on how sustainable food-focussed curriculum work in Leeds schools has been linked to the Healthy Schools and Sustainable Schools frameworks. Curriculum focus: links with Healthy Schools (KS 2 & 3).  
Facilitators: Steve Ruse, Sustainable Schools Consultant, Education Leeds with Kay Whitfield and Sally Tottle, consultants for Y & H Sustainable Food Education Project.

### 10. PHILOSOPHY FOR CHILDREN

This session will use an exemplar stimulus to introduce workshop participants to the Philosophy for Children methodology (see [www.sapere.org.uk](http://www.sapere.org.uk)). Curriculum focus: cross curricular emphasis on Sustainable Development and Creativity / Critical thinking dimensions. Also the Care dimension of Sustainable Schools framework (KS 1, 2, 3 & 4)  
Facilitator: Dick Palfrey, Philosophy for Children tutor and SIO-History, Geography & EE, Kirklees Learning Service.

### 11A. CURRICULUM PLANNING: A PRIMARY APPROACH

A whole school approach to curriculum planning at St Barnabas Primary School, York has enabled a tight focus on Sustainability using the topic title 'We Care'. This cross curricular planning will demonstrate the benefits of using a wide variety of resources within the community to help pupils consider the need to develop a responsible attitude in order to sustain healthy, happy lifestyles.  
Facilitator: Vikki Pendry, Advanced Skills Teacher for Sustainable Schools, St Barnabas CE Primary School, York.

### 11B. LINKING DIVERSE CURRICULA IN SECONDARY SCHOOLS

This workshop will contain elements of policies, action plans, audits and ideas for whole school off timetable days. Experience emerging from Hemsworth College's sustainability action research with the National College for Leadership of Schools.  
Facilitator: Catherine Sykes, Curriculum manager, Hemsworth Arts & Community College, Pontefract, West Yorkshire.

WORKSHOPS MAY BE SUBJECT TO ALTERATION.

## HOW TO REGISTER FOR THE CONFERENCE

Admission is free, but places are limited.  
Contact Grant Dyson to book your place:  
E: [grant.dyson@goyh.gsi.gov.uk](mailto:grant.dyson@goyh.gsi.gov.uk) T: 0113 341 2689

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COVER PHOTOS: WIND TURBINE: STILL PICTURES; ADDITIONAL IMAGES: SALLY TITTLE DESIGN [www.robbowden.com](http://www.robbowden.com)

YORKSHIRE & HUMBER

# Sustainable Schools Curriculum Development Conference

COMPELLING LEARNING EXPERIENCES IN SUSTAINABILITY

A great opportunity to get involved with innovative curriculum practice linked to the DCSF Sustainable Schools Framework



**FREE ADMISSION**

**9 MARCH 2010 9.45am–4.00pm**

**SHEFFIELD** Sheffield Megacentre

YORKSHIRE & HUMBER  
**SUSTAINABLE SCHOOLS**  
PARTNERS' NETWORK

Supported by  
  
The Region's  
Development Agency

  
GOVERNMENT OFFICE  
FOR YORKSHIRE AND THE HUMBER

 department for  
children, schools and families

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## CONFERENCE AIM AND APPROACH

The aim of the conference is to develop and disseminate innovative curriculum development work in Yorkshire and Humber primary and secondary schools – linked to the DCSF sustainable schools doorway themes and the wider regional and national indicators on sustainable development.

The conference will offer delegates the opportunity for hands on curriculum innovation work linked to the DCSF Sustainable Schools Framework and the new QCDA guide entitled 'Sustainable Development in Action – A Curriculum Planning Guide for Schools' see <http://tinyurl.com/yz2r62a>

Key note presentations from QCDA/DCSF, Yorkshire Forward and Government Office Y & H will set some 'frameworks' for a series of challenging curriculum development workshops.

Each workshop will emulate part of the active learning cycle by running a stimulus-based classroom activity followed by a debriefing around the specific learning and its relevance to Sustainable Schools as well as the curriculum subject. In each workshop, the cycle continues with reflection and generalising the learning, followed by an opportunity to identify how new stimuli might be developed as triggers for classroom learning activities. Resources from all the workshops will be made available to delegates after the conference.

There's also a delicious Yorkshire-sourced, organic buffet lunch!

## WHO SHOULD ATTEND

- Y & H primary and secondary school head teachers
- Y & H primary and secondary curriculum managers/planners
- Y & H primary and secondary classroom teachers
- Y & H School Improvement Partners
- Y & H Advanced Skills Teachers
- Y & H businesses, non-governmental organisations and faith groups interested in working with schools on curriculum development projects relating to sustainable schools themes

## BENEFITS OF ATTENDING

- Leave each curriculum development workshop with at least one new practical lesson idea/plan
- A briefing from QCDA on their new guide 'Sustainable Development in Action' and 'A Big Picture Curriculum' see [www.qcda.gov.uk/5856.aspx](http://www.qcda.gov.uk/5856.aspx) – this QCDA document is a key framework for curriculum innovation work
- A Yorkshire Forward briefing about emerging 'green collar' jobs for young people
- Dialogue with experienced national and Y & H - based curriculum development specialists working on sustainable schools themes
- Meet up with Y & H schools who are integrating sustainable development issues into a wide range of curriculum areas
- Access key documents on sustainable schools
- Visit stands showcasing the work of Y & H businesses and NGOs that can help schools with curriculum development work relating to sustainable schools themes (our latest Y & H Partners Directory available to delegates)
- Work with colleagues to learn how curricula can be used to underpin your sustainable schools vision

## CONFERENCE PROGRAMME

ARRIVAL, REGISTRATION & COFFEE 9.15–9.45am

Morning Chair: Helen McMullen  
Director of Children & Learners, Government Office Yorkshire & Humber

WELCOME 9.45–9.55am

Dr Sonia Sharp, Executive Director Children and Young People, Sheffield City Council

**KEY NOTE PRESENTATIONS** 9.55–10.55am

- **Low carbon economy skills and green careers in Yorkshire & Humber – findings from a new Yorkshire Forward report**  
Joanne Pollard CEO, CO2sense yorkshire  
(+5 minute Green careers film)

- **Sustainable development in action – curriculum planning in primary and secondary schools with guidance and a framework for disciplined curriculum innovation**  
David Gardner, Curriculum Advisor, Qualifications and Curriculum Development Agency

**MORNING WORKSHOPS** 10.55–12.10pm

Delegates choose one workshop from the list overleaf

LUNCH 12.10–1.30pm Yorkshire-sourced organic buffet  
Exhibition of Partners' stands in Hall.

Afternoon Chair: Bill Wood, Chairman, Y & H ESD Forum Management Group

**KEY NOTE PRESENTATIONS** 1.30–2.10pm

- **Sustainable school visioning and curriculum planning: a whole school approach at Lower Fields Primary School, Bradford**  
John Edwards, headteacher
- **Sustainable school visioning and curriculum planning: a whole school approach at Hemsworth Arts & Community College, Pontefract, West Yorkshire**  
Stephen Foster, Assistant Principal and Catherine Sykes, Curriculum manager

**AFTERNOON WORKSHOPS** 2.10–3.25pm

Delegates choose one workshop from the list overleaf

PLENARY 3.25–4.00PM

Next steps: Craig Johnson, Y & H ESD Coordinator  
Pupils' presentation: Hemsworth Arts and Community College  
Closing remarks: Dame Ellen MacArthur



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