



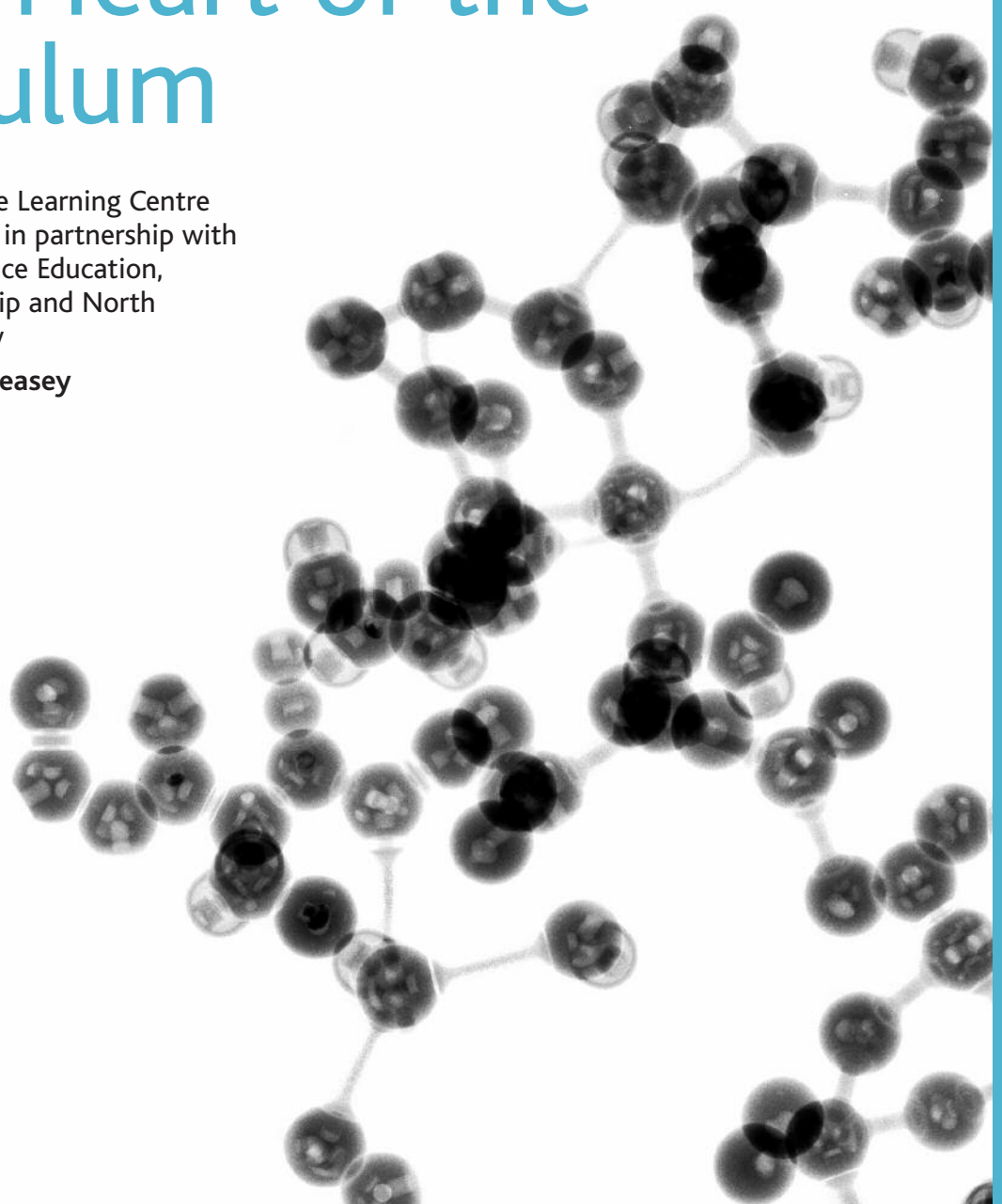
Annual Joint Primary Science Regional Conference

Ripon Racecourse
22nd May 2009
9.20am – 3.45pm

Science and Creativity at the Heart of the Curriculum

Organised by the Science Learning Centre
Yorkshire & the Humber in partnership with
the Association for Science Education,
regional STEM partnership and North
Yorkshire Local Authority

Keynote by Rosemary Feasey



Science and Creativity at the Heart of the Curriculum

Through interactive workshops and modelled examples of planning, this conference will explore the nature of creativity and how science can be seen to be at its very heart. The conference aims to show how embedding scientific ideas and principles within the core and foundation subjects, teachers can ensure that children have access to the deep and meaningful learning that a cross curricular approach can provide.

The conference has the following outcomes

Teachers will:

- understand how to develop creativity and raise the profile of primary science across the primary years
- understand how to embed science in a cross curricular way, to provide opportunities to deepen children's understanding, reinforce and enhance learning
- engage in hands on activities to illustrate a range of creative approaches to science.

Keynote

Rosemary Feasey will explore how teachers can adjust their science to ensure that they address the creative curriculum and cross curricular links. Examples of different approaches will be given such as themes, topics, key skills based approaches and how the teacher can include, where appropriate, personalised learning. The session will draw upon examples from schools and will include a light-hearted approach to a serious topic.

An exhibition of leading primary science resources will be available with special discounts on ASE publications.

Workshop information

1. Science through play

Presenter: Debbie Eccles, Primarily Science

Audience: Early Years Foundation Stage

This workshop aims to provide a wealth of ideas for practical science-based activities that can be developed through play. Reference will be made to the Early Learning Goals and Foundation Stage Profiles. Participants will leave with lots of ideas to use back in their school.

2. Science and the outdoor classroom

Presenter: Rosemary Feasey, Excellence in Primary Science Consultancy Ltd

Audience: Foundation Stage, Key Stages 1 & 2

Instead of asking shall we go outdoors, we should be asking 'Why are we teaching science indoors?' This session is hands on with loads of equipment to use outdoors to teach a range of areas of science from forces and sound to invertebrates and gardening. Come and find out some great activities for the outdoors and familiarise yourselves by trying out everything from 'boom whackers' to bug binoculars.

3. Discussions in Primary Science (DiPS)

Presenter: Joy Parvin, Primary Science Enhancement Programme

Audience: Foundation Stage, Key Stages 1 & 2

Primary education is crucial in supporting scientific literacy and the role of the teacher is central in developing children's talk in the classroom. This session introduces a range of discussion strategies designed to equip young people with the skills to make informed decisions about the impact of science and technology on their lives. All materials used in this session will be made available via the AZSTT website where teachers can now download a wide range of classroom resources and training material.

4. All singing, all dancing science

Presenter: Kate Blacklock, Primarily Science

Audience: Foundation Stage, Key Stages 1 & 2

Music, dance and drama can provide a successful way to overcome barriers to learning. This workshop aims to show how to enthuse children by adopting teaching and learning techniques in science that will ensure enjoyment of the subject. There will be plenty of practical advice and a chance to try some of the activities. Although audience participation is not compulsory you won't be able to resist having a try!

5. Working with the Science, Art and Writing (SAW) initiative

Presenter: Professor Anne Osbourn, Norwich

Audience: Key Stages 1 & 2

The Science, Art and Writing (SAW) initiative (www.sawtrust.org) breaks down traditional barriers between the arts and sciences. SAW uses images from science as a starting point for scientific experimentation, art and creative writing and in doing so stimulates creativity and scientific curiosity. Children realise that science and the arts are interconnected – and they discover new and exciting ways of looking at the world. SAW projects are accessible to all ages and abilities. They stimulate exploration, enquiry and creativity. And they are fun! This workshop will give a brief introduction to the approach, with opportunities for some hands-on SAW experiences.



6. SkyWatch – the inflatable planetarium

Presenter: Pam Waite, Primary Consultant, North Yorkshire

Audience: Key Stages 1 & 2

Are you looking for something exciting and stimulating that your pupils will thoroughly enjoy and remember for a long time? (It's educational too and very cross-curricular!). North Yorkshire LA has a large inflatable planetarium available for hire by schools in any authority, at an incredibly reasonable price. During this workshop, find out how to become an accredited presenter, how to hire the equipment AND enjoy a 35 minute tour of the night sky!

7. Forest School Project – taking the curriculum outdoors

Presenter: Hazel Canning, St Peter and St Paul Roman Catholic Primary School, North Yorkshire

Audience: Key Stages 1 & 2

Come and learn about Forest School and how woodland or other outdoor environments can be used to enable learning. We will be going outdoors to do some practical activities so please come equipped with appropriate clothing.

8. The 'Big Book' method of recording in science

Presenters: Claire Waller, Leading Teacher, Bishop Thornton CE School, North Yorkshire and Katherine Taylor, Leading Teacher, Sessay CE School, North Yorkshire

Audience: Foundation Stage, Key Stages 1 & 2

Do away with pupils having an individual science book or science work in topic books! This method of recording uses one large 'scrap' book per topic in which is recorded a representative sample of all the science work and activities done by the class. The books can include any (or all!) of the following: samples of written work, links with other subjects, digital photographs, learning objectives, annotations, talking pages, teachers medium term plans, curriculum targets, home activities, comments from parents and much more. The books take the place of more traditional recording methods. This idea has taken North Yorkshire schools by storm.

9. Effective use of an interactive whiteboard in Primary Science

Presenter: Angela Branwhite, Primary AST, Beckwithshaw Primary School, North Yorkshire

Audience: Foundation Stage, Key Stages 1 & 2

The workshop provides ideas, resources and ways of using an interactive whiteboard creatively and interactively to enhance primary science teaching and learning in the classroom. These will be demonstrated using a SMARTboard but most of the ideas, techniques and resources can also be used on other makes of interactive whiteboards.

10. A thematic approach to teaching science

Presenter: Rob Hutt, Primary AST, Glaisdale Primary School, North Yorkshire

Audience: Key Stage 2

This workshop will provide information about a number of themed topics which have been successfully used to inspire pupils in all aspects of their learning. The way in which science can be incorporated will be demonstrated with practical examples.

11. Bringing the global dimension into science

Presenters: Liz Williams and Gavin Dyer, Gladstone Road Infant School, North Yorkshire

Audience: Foundation Stage, Key Stages 1 & 2

Together we will look at including a global dimension in science and its role in developing a sustainable future through science teaching today. You will be presented with a wealth of ideas, tips, advice and resource suggestions to take straight back to your classroom including ideas on how to plan a successful science week with a global twist. Involve, enthuse and excite all your pupils and their parents!

Conference Programme

09.00–09.20	Registration and coffee
09.20	Introducing Science and Creativity at the Heart of the Curriculum. Keynote speaker: Rosemary Feasey.
10.20–10.45	Coffee/Tea and Exhibitions of publishers and equipment suppliers
10.45–11.45	Session 1
11.50–12.50	Session 2
12.50–14.00	Lunch and Exhibitions
14.00–14.25	Update on the primary review
14.30–15.30	Session 3
15.35–15.45	Plenary Session, Rosemary Feasey will respond to key issues that have arisen during the day.
15.45	Conference ends

Workshop options

Please choose your first and second preferences from each workshop session below and fill in the booking form on the reverse:

Session 1, 10.45–11.45am

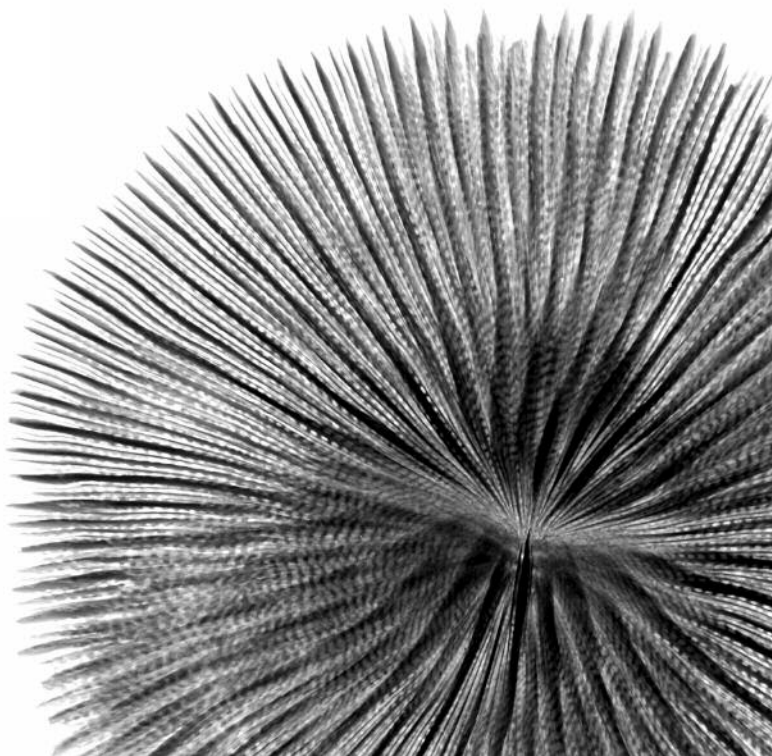
1. Science through play
2. Science and the outdoor classroom
6. SkyWatch – the inflatable planetarium
11. Bringing the global dimension into science

Session 2, 11.50am–12.50pm

3. Discussions in Primary Science (DiPS)
4. All singing, all dancing science
8. The 'Big Book' method of recording in science
7. Forest School Project – taking the curriculum outdoors

Session 3, 2.30–3.30pm

2. Science and the outdoor classroom
9. Effective use of an interactive whiteboard
5. Working with the Science, Art and Writing (SAW) initiative
10. A thematic approach to teaching science
4. All singing, all dancing science



Booking form

Annual Joint Primary Science Regional Conference 22nd May 2009, Ripon Racecourse

Fee £120 per delegate – 25% discount for second teacher from the same school.

Register for the conference on-line at www.sciencelearningcentres.org.uk, or please photocopy this form and fax to; 0114 225 4872, or post to; Science Learning Centre Yorkshire & the Humber, Floor 9, Owen Building, Sheffield Hallam University, Howard Street, Sheffield S1 1WB.

Personal details

Title
First name
Surname
Position held
Personal e-mail address

School details

School name
Address
Town/city
Postcode
Telephone

Please select your workshops:

Session 1, workshop no. _____ Session 1, workshop no. (second choice) _____

Session 2, workshop no. _____ Session 2, workshop no. (second choice) _____

Session 3, workshop no. _____ Session 3, workshop no. (second choice) _____

Places will be allocated on application and confirmed via email or fax .

Would you like on-line tutor support after the conference Yes No

If yes, please ensure you have given us your email address on the personal details section above and we will contact you.

Please state any dietary requirements _____

If you have any queries please contact Helen Haigh on 0114 225 4891 or email h.haigh@shu.ac.uk