



ASE Annual Conference 2010 Primary Catalogue

The University of Nottingham

Thursday 7 to Saturday 9 January 2010

This booklet is an abstract of the primary events, sessions and booked courses that are taking place over the three days of the conference which is open to all teachers and teaching assistants. There is much to interest you and you can attend the conference for one, two or three days. There is also the largest commercial exhibition in Europe where you will find all the resources you need to teach science in the primary classroom.

All can attend, although as a member you will enjoy a substantial discount. Book before 23 October 2009 and you will qualify for the lower 'Early Bird' rates. In order to register please go to page 17 in the Programme Preview. The Programme Preview and Registration Form are available online at www.ase.org.uk/html/conferences/annual_conference_2010/index.php or email conferences@ase.org.uk to request a copy.

Thursday 7 January 2010 Primary Catalogue

Session Type	Start	End	Proposal Title	Speaker	Speaker Institution	Short Description	At a glance category
Workshop	0930	1030	An Engaging and Motivating Primary Science Week on a Budget	Damien Rowe	Kirklees Learning Service	How to deliver a high impact science week or event in your primary school	5-11
Drop-in	0930	1030	CESI International Hands-on Primary Drop-in Workshop	Dr Sue Dale Tunnicliffe	CESI and Institute of Education	Workshop is run by members of the CESI	International
Talk	0930	1030	Creative Approaches to Assessment in Science	Stuart Naylor	Millgate House Education	Thinking, learning and assessment in science	Assessment 7-11, 11-14
Talk	0930	1030	Formal and Non Formal Science Education: Primary Teachers' Training Programme	Ana V. Rodrigues	University of Aveiro	An in-service primary teachers training program	Teaching/Learning
Talk	0930	1030	Greening Your School: Sustainable Solutions and Curriculum Connections	Dr Zoe Robinson	Keele University	Bringing sustainability into the science curriculum	Teaching/Learning 0-4, 5-7, 7-11, 11-14, 14-19
Workshop	0930	1030	Here Comes the Sun	Bob Kibble	University of Edinburgh	Shadows, sun and stone circles stories	Teaching/Learning 5-7, 7-11, 11-14
Talk	0930	1030	Inspiring Learning: Sharing What We All Do Best	Bridget Holligan	Science Oxford	Bringing formal and informal science educators together.	Teaching/Learning 7-11, 11-14
Special Event	0930	1030	The Future for Assessment in Primary Science-PART 1 - APP as a Tool for Effective Teacher Assessment in Primary Science	Nicola Beverley Lynne Horton Ron Bibby Guest Speakers	NAIGS NAIGS NAIGS QCDA	QCDA and APP Primary Science Development Team	Teaching/Learning
Special Event	1100	1230	The Future for Assessment in Primary Science-PART 2 - APP in Primary Science - Making it Work for You in Your School or LA	Stephen Horsley Sarah Monahan Eva Hodgson Kate Ardron	APP Pilots	LA Advisors, Teachers and Senior Leaders from APP Development Team Schools	Assessment
Special Event	1100	1230	Primary Science Committee Session: The Future of Science in the Primary Curriculum	Sir Jim Rose John Holman Anne Goldsworthy Peter McAlister Julie Lunt	Invited guests with involvement or interest in the Independent Review of the Primary Curriculum	Panel debate on changes to primary curriculum	5-11

Session Type	Start	End	Proposal Title	Speaker	Speaker Institution	Short Description	At a glance category
Booked Course	1100	1300	Writing for ASE: Get Yourself Published (repeated Sat 1400)	Bob Kibble	ASE Publications Committee	Writing for ASE : Get yourself published	Teaching/Learning
Talk	1130	1230	Pre-School Science Education in Portugal: Teacher Training and Innovative Practices	Sara Pereira	Universidade de Aveiro – CIDTFF, Portugal	Pre-school science education: teacher training programme.	0-4
Talk	1130	1230	Primary Science Outside of the Classroom	Alexis Grosvenor	British Science Association	Engaging and inspiring possibilities for club activities	5-11
Workshop	1130	1230	Science and Technology: Enhancing Both Subjects!	Hellen Ward	Canterbury Christ Church University	How to link science and technology enhancing both.	Teaching/Learning
Booked Course	1130	1230	Science of Toys	Dr David Ward	The STEM Centre	Toys are based on scientific principle	7-11
Booked Course	1130	1230	Sweetie Science	John Evans	Oxfordshire County Council	Practical science from sweets!	Teaching/Learning 7-11, 11-14
Workshop	1130	1230	TTS Workshop: Oldest Swinger in Town	Steve Marshall	London Borough of Barnet	Creative science with pendulums and swings	7-11
Workshop	1130	2130	Darwin's Snails: Primary upd8 Activities to Celebrate Darwin 200	Cally Oldershaw	ASE	"Darwin's Snails - Primary upd8 activities to celebrate Darwin 200".	5-11
Drop-in	1230	1430	The Wellcome Trust Funding Surgery	Tom Anthony	Wellcome Trust	Drop-in to learn about our grants	Teaching/Learning
Booked Course	1400	1500	Developing Scientific Vocabulary: Something Worth Doing!	Hellen Ward	Putting Learning First	Developing scientific vocabulary, something worth doing!	Teaching/Learning 5-7, 7-11
Workshop	1400	1500	Look! Think! Talk!	Gaynor Weavers	Inspire	Look! Think! Talk! Activities for KS2	Teaching/Learning

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Workshop	1400	1500	Studying Mini-Animals for Year 2/Year 3	Dr Michael Dockery	Assoc for the Study of Animal Behaviour (ASAB)	Studying mini-animals for year2/year3	5-11
Workshop	1400	1500	TTS Workshop: Exciting Discoveries in the Dark	Sue Martin	Talbot House Preparatory School	Fun, hands-on primary science investigations	5-11
Booked Course	1400	1600	Puppets: Talking Science, Engaging Science	Brenda Keogh	Millgate House Education	Puppets make science lessons come alive!	Teaching/Learning
Workshop	1400	1600	Sustaining the Science in Sustainability	Yvonne Caples	Essex SIEY, Science Team	Tracking sustainability cross-phase KS1-4	Teaching/Learning
Talk	1600	1700	Exploring the Solar System, Rocks and Minerals: Integrated Educational Approach	Fernanda Couceiro	University of Aveiro	Integrated Didactic approaches in primary school	Teaching/Learning
Talk	1600	1700	Fabulous Forces: Twists, Squeezes and Squashes	Richard Ager	PrimaryViewPoint Training	Fresh and creative ideas for teaching primary "Forces" topics	7-11
Talk	1600	1700	Primary Science: Is the Programme of Learning Enough?	Tim Gadd	4science	More knowledge, more confidence, better teaching	5-11
Talk	1600	1700	Science Play: What's in it For You?	Leigh Hoath	University Centre Bradford College	Science play and its importance in Early Years	Teaching/Learning

Friday 8 January 2010 Primary Catalogue

Session Type	Start	End	Proposal Title	Speaker	Speaker Institution	Short Description	At a glance category
Talk	0930	1030	'Wonderwall' Approach: Encouraging Children to Ask Questions They Can Investigate	Frank Fearn	HIAS	Wonderwall: children setting their own investigations	Teaching/Learning 7-11, 11-14
Talk	0930	1030	A Science Space Integrated into an Innovative Primary School	Isabel Bartolomeu	University of Aveiro	Integrated Environment of Science Education in primary school	Teaching/Learning
Talk	0930	1030	Engaging Learners in Science and Technology	Stuart Naylor	Millgate House Education	Making lessons more creative and engaging	Teaching/Learning

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Talk	0930	1030	Feel The Force	Toby Parkin	Science Museum	Interactive, hands-on show about forces	Teaching/Learning 7-11
Talk	0930	1030	Ideas for Science Clubs: Primary	Ann Todd	The STEM Centre	Share your ideas with others	5-7
Booked Course	0930	1030	Introducing Mind Mapping®: A Key to Success	Dr Gareth Morris	Gareth Morris Associates	An introduction to Mind Mapping®	Teaching/Learning 7-11, 11-14, 14-16, post 16
Talk	0930	1030	Maintaining the Identity of Science in a Thematic Primary Curriculum	Leigh Hoath	University Centre Bradford College	Maintaining science's identity in a thematic curriculum	5-11
Workshop	0930	1030	Primary Science: What Does the Future Hold?	John Stringer	Philip Harris	Primary Science – what does the future hold?	5-11
Special Event	1100	1230	Primary Science Committee Session: It's The Way That We Do It...	Invited classroom teachers		Teachers demonstrating practical classroom ideas to support skills-based teacher assessment	5-11
Booked Course	1100	1300	IOP: Construction of Compressed Air-Powered Rocket Launcher for Primary Teachers	Terry Horsman	Institute of Physics	Construct launcher, fire rockets, take home	Teaching/Learning
Workshop	1100	1300	Renewables Don't Run Out: A New Way to Investigate and Explore Sunflowers	Joy Parvin	Chemical Industry Education Centre	Innovative Enquiry: plants as renewable resources	Teaching/Learning
Talk	1130	1230	Marvellous Materials: Particularly Interesting	Richard Ager	PrimaryViewPoint Training	Fresh and creative ideas for teaching primary "Materials" topics.	7-11
Talk	1130	1230	NAIGS Day: The Place of Science in the New Primary Curriculum	Stephen Horsley	Welbourne C of E Primary School, Lincolnshire	The implications of the Primary Curriculum Review of Science and what it means for schools	Advisors
Workshop	1130	1230	Ready to Use Investigations for Learning Outdoors	Lynette Merrick	Gatekeeper Educational Ltd.	Curriculum-linked Projects for investigations in the school grounds	7-11
Talk	1130	1230	Reporting on the Use of Drama to Support Primary Science Learning	Debra McGregor	University of Wolverhampton	This workshop will show how different kinds of drama helped KS 1 children learn science.	Teaching/Learning
Workshop	1130	1230	TTS Workshop: Wear Your Science	Steve Marshall	London Borough of Barnet	Create garments to enhance science teaching	7-11
Talk	1130	1230	Using Wikis and Blogs to Support Science Teaching	Danny Nicholson	Think Bank Ltd	Creating and using blogs and wikis	ICT & Techno, 7-11, 11-14, 14-16, post 16

Session Type	Start	End	Proposal Title	Speaker	Speaker Institution	Short Description	At a glance category
Booked Course	1400	1500	Alien Adventures: Science, Technology and Fun	Hellen Ward	Canterbury Christ Church University	Alien adventures: science, technology and fun!	Teaching/Learning 5-7, 7-11
Workshop	1400	1500	Exploring How Drama Can Support Science Learning at KS 1	Debra McGregor	University of Wolverhampton	This workshop will show how different kinds of drama helped KS 1 children learn science	5-7
Talk	1400	1500	Junior Time Team: Science for KS2/3 Through History & Archaeology	Linda Scott	University of Worcester, STEM	Ideas and resources to take away	Teaching/Learning
Workshop	1400	1500	Magic Mirrors for Key Stage 1	Ed van den Berg	AMSTEL Institute, University of Amsterdam	Eight lessons on mirrors for KS1	Curriculum Development
Workshop	1400	1500	Renewables Online: New Interactive Website for Use with 9-11 Year Olds	Gayle Pook	CIEC	Interactive website: plants as renewable resources	Teaching/Learning
Workshop	1400	1500	Ricky and Friends Go to the Antarctic	Lisa Wood	Kaizen Primary School	Interactive materials for children to use	Teaching/Learning
Workshop	1400	1500	Science and Design and Technology	Zoë Crompton	National Science Learning Centre	Make effective connections between these subjects	Teaching/Learning
Workshop	1400	1500	Science Language	Linda Atherton	Educational Development Service Warwickshire	Interactive primary cross curricular workshop	Teaching/Learning
Booked Course	1400	1500	Science Museum Learning: Supporting Inspirational Primary Classroom Science	Libby Burkeman	Science Museum	Attention-grabbing hands-on classroom and club activities.	5-11
Booked Course	1400	1530	IOP: What Happens Next? Experiments for All (Primary)	David Featonby	Institute of Physics	Experiments with unusual outcomes for all"	5-11
Workshop	1400	1600	National Science and Engineering Week: Funding, Resources and Ideas!	Jenny Beard	British Science Association	National Science and Engineering Week – funding, resources and ideas!	Teaching/Learning Primary, secondary All ages
Workshop	1500	1700	Practical, Fun and Meaningful Science for Young Children	Jane Johnston	Bishop Grosseteste University College Lincoln	Practical, Fun and Meaningful Science	5-11
Workshop	1600	1700	Creative Science Enquiry	Deborah Herridge	Science Learning Centre North East	Encourage independent thinking in science	5-11
Workshop	1600	1700	Putting the WOW Factor into Science with an Eye on a Revised Curriculum	Wendy Precious	Staffordshire LA	Minds-on, hands-on, creative primary science.	Teaching/Learning
Talk	1600	1700	Science Knowledge: Supporting KS2	Dr Susan Burr	Publications Committee	Supporting KS2 teachers and teaching assistants	7-11

Session Type	Start	End	Proposal Title	Speaker	Speaker Institution	Short Description	At a glance category
Workshop	1600	1700	WOW: Interactive Starters to Lessons	Allie Beaumont	Science Learning Centre South West	WOW - Interactive starters to lessons	Teaching/Learning 7-11

Saturday 9 January 2010 Primary Catalogue

Session Type	Start	End	Proposal Title	Speaker	Speaker Institution	Short Description	At a glance category
Talk	0930	1030	Does this Workshop Come in Pink?	Natalie Ford	Science Oxford	Investigating gender in KS2 ICT workshops	Research
Workshop	0930	1030	Explore It, Act It, Live It, Learn It	Wendy Precious	Staffordshire LA	Minds-on, hands-on, creative primary science.	Teaching/Learning
Workshop	0930	1030	Inside the Primary Black Box: A Science Perspective	Dr Chris Harrison	King's College London	AfL Science ideas to boost practice	Assessment
Talk	0930	1030	Light Fantastic: Sounds Exciting	Richard Ager	PrimaryViewPoint Training	Innovative ideas for teaching primary "Light and Sound" topics.	7-11
Workshop	0930	1030	Primary Science Committee Session: It's Not Fair: A Practical Guide to Different Types of Science Enquiry	Members of Primary Science Committee	ASE	Practical exemplification of different enquiry types	5-11
Workshop	0930	1030	Short, Fun, Stimulating, Practical Starter Activities	Mike Driver	Strawberry Field Science Consultancy & Publishing	Short, fun, 'magical', PRACTICAL starter activities	Teaching/Learning 7-11, 11-14
Drop-in	0930	1030	TTS Primary Science Workshop: Alan Tunnicliffe Memorial	Dr Sue Dale Tunnicliffe	Institute of Education	Hands-on science activities with everyday materials	5-11
Booked Course	0930	1100	Earth: Working With Rocks and Soils (KS2)		ESTA Primary Group representatives	Practical workshop on rocks and soils	Enviro/Earth
Talk	1100	1300	A Proposal to the Rose Review: Core Concepts to Improve the Primary (and Secondary) Science National Curriculum	Dr Francisco Diego	University College London	Proposal to the public consultation for the Rose Review to the National Curriculum.	Curriculum Development
Booked Course	1100	1300	INSPIRING PRIMARY SCIENCE! Novel & Fun Ways to Engage Your Pupils!	Dr Mark Biddiss	Dr Mark's INSIPREscienceTM	Dr Mark's INSPIRE PRIMARY SCIENCE!	5-11
Booked Course	1100	1300	Primary Science is Fun: Enjoyment and Challenge	Alan Cross	Department of Education, University of Manchester	The best ways to teach primary science.	5-11

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Workshop	1100	1300	The Great Plant Hunt: Phase 2	Prof Angela McFarlane	RBG Kew	The Great Plant Hunt - phase 2	Teaching/Learning 5-7, 7-11
Booked Course	1100	1300	Wider Creativity in Practical And Other Activities in Science	Mike Driver	Strawberry Field Science Consultancy & Publishing	WIDER creativity promotes the highest achievement!!	Teaching/Learning 7-11, 11-14
Special Event	1130	1230	ASE Primary Science Lecture (including presentation of Primary Science Teacher of the Year Awards)	Christopher Lloyd	Author	From Big Bang to now in twenty minutes!	5-11
Drop-in	1130	1230	Earth: Working With Rocks and Soils (KS2)		ESTA Primary Group representatives	Drop in workshop on rocks and soils	Enviro/Earth
Talk	1130	1230	Primary CASCADES	Steve Smyth	STEMNET	Integrating science and technology in primaries	5-11
Talk	1130	1230	TTS Workshop: Beyond Classroom Boundaries: Using Outdoors for Smart Learning In Science	Rosemary Feasey	Primary Science Consultant	Come and be inspired to teach science differently.	5-7
Workshop	1130	1230	TTS Workshop: Creating Games in Excel and PowerPoint	Steve Marshall	London Borough of Barnet	Excel and PowerPoint for science games	7-11
Talk	1130	1230	Using Ambassadors	Sue Andrews	Chemical Industry Edu Centre, University of York	Ideas for inspiring pupils using ambassadors	Teaching/Learning
Workshop	1130	1230	Using Their Brains in Science	Hellen Ward	Canterbury Christ Church University	Activities and ideas for 4-14 year olds	Teaching/Learning
Workshop	1130	1300	Data Harvest: Bright Ideas for Primary Science	Barbara Higginbotham	Data Harvest	A circus of datalogging activities	Teaching/Learning
Talk	1400	1500	Creativity in Primary Science	Steve Smyth	STEMNET	Creative teaching ideas for primary science	5-11
Special Event	1400	1500	Johannes Kepler: Bringing Science Alive!	Johannes Kepler	Johannes Kepler Project	Johannes Kepler - Bringing Science Alive!	Teaching/Learning 7-11, 11-14, 14-16, post 16
Talk	1400	1500	Talking About Science	Tanya Shields	CIEC – University of York	AZSTT - Discussions in Primary Science (DiPS)	Teaching/Learning
Workshop	1400	1500	WIDER Creativity In Science for Primary and Secondary Schools	Mike Driver	Strawberry Field Science Consultancy & Publishing	Wider creativity promotes fun and achievement.	Teaching/Learning
Booked Course	1400	1600	Writing for ASE: Get Yourself Published (repeat)	Bob Kibble	ASE Publications Committee	Writing for ASE : Get yourself published	Teaching/Learning