

SESSION FOUR
Creating a Buzz in Science in Your Classroom
Date and Time TBD

4

KEY OBJECTIVES:

Make scientific enquiry challenging and exciting through activities both inside and outside the classroom
Develop strategies to manage and resource practical work
Identify different types of Scientific Enquiry

DESCRIPTION OF SESSION:

This action packed course will leave you full of practical ideas to enrich Science within your school. You will be inspired to enthuse your pupils about the thrill of scientific ideas and Science Enquiry. You will gain hands on experience on how to teach practical activities.

LEAD FACILITATORS: TBD

SESSION FIVE
Developing the Role of the Science Subject Leader
Date and Time TBD

5

KEY OBJECTIVES:

To set up and manage processes for leading Science effectively within your school
To lead change in your school to prepare for the new primary curriculum
Share and learn about good practice, engaging learners and ensuring children progress

DESCRIPTION OF SESSION:

This course will show how good subject leadership has a positive impact on the quality of Science teaching in primary schools. You will explore a range of strategies to audit and lead Science within your school. Allows you to understand your role more fully and be able to identify and promote effective primary Science.

LEAD FACILITATORS: TBD

SESSION SIX
Leading Science in the Outdoor Classroom
Date and Time TBD

6

KEY OBJECTIVES:

To use outdoor activities as a context to develop enquiry skills
Support colleagues in their teaching of Science in the outdoor classroom

DESCRIPTION OF SESSION:

Schools wanting to develop scientific approaches to teaching and learning in the outdoor classroom will find this course invaluable. You will look in some depth at the big ideas in Science which support learning in the outdoor classroom. Gain hands-on experience to encourage environmental activities that will help your children to understand how Science underpins the natural world.

LEAD FACILITATORS: TBD



PRESTON PARK
PRIMARY SCHOOL
Specialist Centre for Science



BRENT SCHOOLS
PARTNERSHIP
**PROFESSIONAL
DEVELOPMENT
PROGRAMME**



SCIENCE

January - 2015

Maximum number of delegates per session: 20
(25 for session one)

Description of school:

Preston Park is a large primary school in Brent with approximately 850 pupils on roll. It is a values-based learning community, committed to the education of the whole child. Its aim is to develop pupils to become happy, confident adults who possess a secure educational foundation on which to build successful lives. A broad, rich, creative curriculum enables pupils to reach their full potential. An ethnically diverse local community forms the bulk of the school's intake. It has a nurturing environment which fosters and supports innovation and creativity. Preston Park is committed to supporting and sharing all its strengths to provide opportunities to enhance and improve the learning of its community and beyond.

Areas to be covered:

Support for Science Co-ordinators, New Science Leaders, Whole school CPD –Teachers/LSAs/NQTs, Bespoke Support, Curriculum Planning and Delivery, Resources and Resourcing, SLEs, Networking, Assessment, and Science & ICT

SESSION TWO
Moving from Enquiry to Working Scientifically Part 1
Tuesday 10th March 09:30 - 16:00

2

KEY OBJECTIVES:

You will be able to:

Demonstrate increased knowledge of progression in scientific enquiry

Implement a wide range of strategies for planning, resourcing and organising enquiry

Appreciate the different types of enquiry children can engage in to explore the world around them

DESCRIPTION OF SESSION:

An essential course for all primary science teachers to examine strategies for organising, managing and monitoring effective scientific enquiry throughout the primary school. Explore a range of starting points for different types of enquiry that will broaden the children's experiences of investigations. Discuss children's planning skills at different ages and consider how to ensure progression across the school.

LEAD FACILITATORS: Shital Patel & Robert Cooper

SESSION ONE
Embedding the New Science Curriculum
Tuesday 24th February 09:30 - 16:00

1

KEY OBJECTIVES:

To be able to:

Describe key changes in the new curriculum and identify the implications for your school

Plan for curriculum change

Describe attributes of successful teaching and learning in science relating to the new curriculum

Evaluate ways of embedding the new curriculum

DESCRIPTION OF SESSION:

You will discuss the new primary science curriculum and explore the key issues arising and implication of the changes. You will be given time and support to consider how to lead staff in reviewing teaching and learning in science in your school. You will explore how to audit and adapt current schemes of work to accommodate the new curriculum.

LEAD FACILITATORS: Shital Patel & Robert Cooper

SESSION THREE
Moving from Enquiry to Working Scientifically Part 2
Tuesday 28th April 09:30 - 16:00

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KEY OBJECTIVES:

You will be able to:

Incorporate children's ideas into your science lessons

Plan for science with a creative approach

DESCRIPTION OF SESSION:

This course will enable you to lead independent child enquiry. You will explore a range of techniques to drawout children's ideas, develop strategies to inspire and engage children in science. You will identify key strategies to support children in raising questions and in turn, facilitate independent investigations. The course builds on the outcomes of Moving from Enquiry to Working Scientifically Part 1.

LEAD FACILITATORS: Shital Patel & Robert Cooper

Extra Bespoke Support Available To Schools:

Needs Analysis and skills audit

Data Analysis

Assessment

Individual support for teachers/LSA

Audit/Sourcing of Resources

Coaching Mentoring

Pupil Workshops

Bespoke Options Available to at least 1 School:

Join existing ENTHUSE partnership (2 year support plan)

Pupil Workshops

After school Clubs

Primary Science Quality Mark (PSQM - working towards attaining the award)

Showcasing Science to the School Community
Working with SLEs

Specialist Centre School Details:

Preston Park Primary School, College Road, Wembley, Middlesex, HA9 8RJ

Specialist Centre Organisers: Sharon Dillette

Organiser's Details:

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