

INQUIRE at Kew

Aims of the course

The INQUIRE course is being offered to 15 secondary science teachers and five botanic garden educators. The course comprises 60 hours of training, delivered through Kew science and education experts. A variety of educational resources will be explored and the course will include a class or group visit to Kew Gardens to undertake an inquiry-based investigation.

Teachers and botanic garden educators will:

- 1 Develop a working understanding of the advantages and disadvantages to students and teachers of using Inquiry Based Science Education (IBSE).
- 2 Experience IBSE learning and usable resources in classroom and outside settings.
- 3 Pilot and evaluate their own developed IBSE lesson at Kew Gardens with a group of their students.
- 4 Have the opportunity of enrichment lectures and tours on biodiversity, conservation and sustainability and climate change.
- 5 Take part in an online course discussion forum.
- 6 Provide evidence of learning through an end of project assignment using a chosen presentation format.

Are you a teacher of Key Stage 3 science or geography?

Are you interested in Climate Change, Sustainability, Inquiry Based Learning and Learning Outside the Classroom?

Are you interested in self development?

Then this course is for you.

To find out more and book your place contact:

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Kew
ROYAL BOTANIC GARDENS

CPD at Kew

Is your school interested in

- Free science or geography teacher CPD?
- Climate change and sustainability?
- Using inquiry based learning?
- Developing 'Learning Outside the Classroom'?

Kew is looking for 15 teachers and five botanic Garden Educators to join them for the second pilot INQUIRE course. This programme is suitable for both NQTs and experienced teachers.

INQUIRE

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at Kew

Enjoy learning in the unique and exciting setting of Kew, surrounded by amazing teaching resources.

Explore new activities like plant identification, micro-propagation, field studies and phenology. Access our unique course website where you can research and review published resources and where you can share your own lesson plans, ideas and views not only with educators in the UK – but in our ten partner countries across Europe.

The course will start on October 10th 2012 and finish in June 2013.

Course participants will be invited to the final International Congress at Kew in July 2013.

We are delighted to be a partner in this exciting adventure along with 17 partners in 11 European countries.



Who will benefit?

Students:

IBSE has long been associated with increase in understanding and learning, resulting in more engagement.

Teachers:

The programme would suit both NQTs and experienced teachers wanting to expand their subject knowledge and sharpen their IBSE skills. Teachers will gain resources, which will be directly transferable into the classroom.



Science and Geography Departments:

Greater subject and pedagogical knowledge can be disseminated through the department.

Schools and Botanic Gardens:

New skills development will offer a variety of learning models that will enhance learning across all student abilities.

Assessment via:

A portfolio to include reflective writing, written exercises, research and analysis of materials on line, photos, videos, links to online forums and blogs to which the student has contributed.

Activity	Description
Three full days of training at Kew Gardens (10 October 2012, 17 January 2013, 24 April 2013)	Training to include IBSE investigations in biodiversity, conservation and climate change through activities, lectures, field studies, practicals and tours.
Self study (including online activities and completion of assignments) (15 hrs)	Self study to include online research, reading, reflective writing and online forums. Part of the self study section will be developed through a series of short assignments set at the end of each on site Kew day.
Visit to Kew Gardens with students (Free for class) (May / June) and evaluation (8 hrs)	Teachers will bring their students (class) to Kew Gardens and deliver their own IBSE investigation. Educators will deliver their own IBSE investigation at their own site. Teachers /educators and their observers will evaluate the success of their visit and activity.
Portfolio of Evidence as final assignment (15 hrs)	Teachers will produce evidence that they have achieved the outcomes of the course. (various formats acceptable).