

INTERNATIONAL STUDY PROGRAMMES

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ONE WEEK COURSE FOR TEACHERS OF SCIENCE MAKING SCIENCE MORE ATTRACTIVE CHELTENHAM: SATURDAY 3 JUNE – SUNDAY 11 JUNE 2017

COURSE OBJECTIVES:

The course aims to provide Teachers with:

- an insight into the teaching of Science in British Schools (primary or secondary)
- an opportunity to compare the teaching of Science in different European countries, to exchange ideas and develop links with teachers from other European countries
- an opportunity to attend stimulating scientific lectures and workshops and gain new inspiration and teaching ideas for their science classes (at primary or secondary level)

COURSE CONTENT:

1. **Lecture and Discussion** on the Teaching of Science in Britain
2. **Lectures:** “New Approaches to teaching Science and Technology – making secondary science classes more relevant to the World of Work” and “Making Science More Attractive”.
3. **2 Day visits to primary or secondary schools** – observe science lessons and opportunity for discussion with teachers
4. **Feedback discussion on school visits.** Group discussion comparing the Teaching of Science in the different countries represented – curriculum, materials, methods, standards, assessment, national education policies etc. with a British Science Teacher.
5. **Introduction to CLIL (Content and Language Integrated Learning)** focusing on Science (Secondary Level)
6. **Attendance at 5 Events for Schools** (primary or secondary) at the **Cheltenham Science Festival** presenting aspects of chemistry/physics/biology in an accessible and enjoyable way
7. **Educational visit to the Science Museum and Natural History Museum in London**

LOCATION:

CHELTENHAM: Population: 108,000; 98 miles (157 kilometres) west of London (2 hours by rail, 2½ hours by coach). Cheltenham is an elegant spa town, situated on the edge of the Cotswold Hills, which are famous for their picturesque stone villages. Cheltenham is known for its Regency architecture, wide tree-lined streets, parks and gardens and it has many attractive residential areas.

The course will take place during **THE CHELTENHAM SCIENCE FESTIVAL**, an important national annual festival where people can hear directly from some of Britain’s great thinkers, scientists and politicians on a wide range of topics.

Themes from recent festivals have included; ‘Human Enhancement’, ‘Sustainable World’. Lecture topics have included ‘The Power of Fusion’, ‘Astrobiology’, ‘Climate Engineering’, ‘Our Earth, The Big Bang & Beyond’, ‘Sperm Warfare’, ‘The Future of Stem Cells’.

There is a rich programme of science events (biology, physics and chemistry) for primary and secondary schools, run by teams from the Science Museum, Bristol University School of Chemistry, etc., ‘Discover Zone’ interactive area and ‘Experitent’ housing children’s workshops. Previous topics for schools have included ‘Fire, Ice and Air’, ‘Chemical Clocks’, ‘When is a Gas not a Gas?’, ‘We are What we Eat’, ‘The Teenage Brain’.

TOTAL PRICE: 1436 Euro comprises:

(a) **COURSE FEE:** to include:

Full programme of study sessions and visits as itemised above.

NB. Participants are responsible for paying their own daily transport costs, including transport to schools. Optional visits are not included in the price.

(b) **HOST FAMILY ACCOMMODATION:** to include:

Full board accommodation with a local family (inclusive of registration fee): 8 nights
(Teachers may request to be the only guest of their mother tongue or to stay in the same family as a colleague).

Host families are carefully selected and offer a friendly welcome and opportunities to chat and learn more about life in Britain today. Participants often find that the experience of staying with a host family is one of the most memorable aspects of the course. Accommodation is in single rooms (unless participants request to share). Breakfast, packed lunch and evening meal are provided by the host family. (Food allergies, likes and dislikes are taken into account.)

Please note that many of the suitable residential areas are not within walking distance of the town centre, and most host families are an easy bus ride from the town centre/tuition centre. Local transport from host families to the town centre and local schools is at the participants' own expense and is likely to cost 15-30 Euro per week.

Additional nights with host families can be arranged, giving participants extra time for individual research and visits. Accommodation can be provided for family members (but not unaccompanied children) subject to availability. (Rates on request).

Participants wishing to arrange their own (hotel or self-catering) accommodation may pay a fee for the course only.

PAYMENT:

Full payment will be due 2 months before the course begins, or for teachers awaiting funding – as soon as the grant is received. Cancellation charges apply for cancellations 4 weeks or less before the course commences. 3-4 weeks before arrival: cancellation fee: 380 Euros. No refund for cancellations within 3 weeks of arrival. Applicants are strongly advised to take out cancellation insurance.

TRAVEL:

Transport at the beginning and end of the course is not provided and International Study Programmes regrets that it is unable to assist with travel arrangements. The most convenient airports: Heathrow (direct National Express Coach to Cheltenham), Birmingham (rail to Cheltenham) or Bristol (airport bus then rail to Cheltenham). If arriving at other airports, travel to the course location is generally via central London by coach or rail.

For enquiries and timetables:

National Express Coach:	www.nationalexpress.com	0044-871 781 81 81
Rail:	www.thetrainline.com	0044-871 244 15 45

There is also a useful website www.traveline.info which will assist in planning a journey within the UK using every form of transport.

INTERNATIONAL STUDY PROGRAMMES:

INTERNATIONAL STUDY PROGRAMMES has over 30 years' experience in designing teacher development courses for European Ministries of Education, teacher-training institutes and schools and has a well-founded reputation for providing quality courses.

ISP is an experienced provider of European Union funded programmes in the UK. As a course provider with many courses in the former Comenius Database and now in cooperation with many Erasmus+ funded schools, ISP has successfully arranged a wide variety of courses for thousands of European teachers funded by the European Union.

ISP offers an unusually wide variety of teacher development courses, not only for teachers of English and CLIL but also for teachers of other subjects including science, music, art and drama as well as for headteachers and inspectors, in a wide variety of locations in England, Wales, Scotland and Northern Ireland. Each course is designed to meet the training needs of specific types of teachers.

ERASMUS+ GRANTS:

Schools may apply for Erasmus+: Key Action 1 funding for their teachers to attend courses in the UK.

(Individual teachers may no longer apply for grants.)

Teachers with Erasmus+ funding and those paying with their own or other funds are welcome to apply for listed ISP courses.

ISP is also pleased to design tailor-made courses to meet the needs of closed groups of teachers from one school.

The annual Erasmus+ deadline is 2 February 2016 for courses starting 1 June 2016 – 31 December 2017, and in February 2017 for courses starting 1 June 2017 – 31 December 2018.

Schools should first register on-line to obtain a Personal Identification Code (PIC) number for the school.

Applications for funding should then be made on-line to applicants' National Agency for Erasmus+.

International Study Programmes will be happy to help with information and advice for your school's Erasmus+ application.

ONE WEEK COURSE FOR EUROPEAN TEACHERS OF SCIENCE

MAKING SCIENCE MORE ATTRACTIVE

CHELTENHAM: SATURDAY 3 JUNE – SUNDAY 11 JUNE 2017

DRAFT PROGRAMME

DAY & DATE	MORNING	AFTERNOON	EVENING
SATURDAY 3 JUNE			Arrive Cheltenham
SUNDAY 4 JUNE	0830- Welcome and Visit London 2000 Visit the Science Museum and Natural History Museum		
MONDAY 5 JUNE	0900- Introduction 1000 1030- Lecture: The National Curriculum 1300 in Science and the Teaching of Science in British Schools (primary & secondary)	1400- Lectures: “New approaches to 1700 teaching Science and Technology – making secondary science classes more relevant to the world of work” and “Making science more attractive”	
TUESDAY 6 JUNE	0830- Day visit to a primary or secondary school 1600 Observe science lessons and opportunity for discussion with teachers		Optional evening in a traditional pub
WEDNESDAY 7 JUNE	0930- Attend Cheltenham Science Festival 1315 Events for Schools (primary or secondary)	1400- Introduction to CLIL (Content and 1730 Language Integrated Learning) focusing on Science (secondary level)	
THURSDAY 8 JUNE	0830- Day visit to a primary or secondary school 1600 Observe science lessons and opportunity for discussion with teachers		Free for Individual Attendance at Science Festival Events
FRIDAY 9 JUNE	0930- Attend Cheltenham Science Festival 1315 Events for schools (primary or secondary) Visit the Festival Discover Zone (Interactive Exhibition)	1430- Feedback discussion on 1630 school visits. Group discussion comparing the Teaching of Science in the different countries represented – curriculum, materials, methods, standards, assessment, national education policies etc. with a British Science teacher. 1630- Evaluation Session 1730	Free for Individual Attendance at Science Festival Events
SATURDAY 10 JUNE	0930- Attend Cheltenham Science Festival 1130 event	Optional visit to Oxford and The Cotswold village of Burford	
SUNDAY 11 JUNE	Depart Cheltenham		