

FIBONACCI EUROPEAN TRAINING SESSIONS

DEDICATED TO INQUIRY-BASED SCIENCE AND MATHEMATICS EDUCATION (IBSME)

SEPTEMBER 2011 - MARCH 2012

The Fibonacci project (2010-2013) is based on 3 pillars:

1. **An inquiry-based approach** to science and mathematics (IBSM) teaching and learning in primary and secondary schools;
2. **A local approach**, mobilising a comprehensive and complementary group of local partners.
3. **A twinning strategy** linking 38 centres in 24 countries. From 2010 to 2012, 12 Reference Centres with a high expertise in IBSME are twinned with 12 intermediate centres and 13 beginner centres. In 2012, 24 new partners (not identified yet) will join the Fibonacci project, expanding it to almost all European countries.

In the frame of this project and as the result of the work and exchanges between the Fibonacci partners, **5 European training sessions are organised from September 2011 to March 2012** on the following topics:

Topic of the training session	Dates	Venue
1: Integrating inquiry across curricula	12 – 15 September 2011	Leicester, United Kingdom
2: Using the external environment of the school	10 – 12 October 2011	Helsinki, Finland
3: Implementing and expanding a Reference Centre	28 – 30 November 2011	Berlin, Germany
4: Deepening the specificities of inquiry in mathematics	15 – 17 February 2012	Bayreuth, Germany
5: Deepening the specificities of inquiry in natural sciences	21 – 23 March 2012	Paris, France

These training sessions have been conceived taking into account the expertise of all Fibonacci centres and they cover all key aspects of IBSME. They will enable participants to exchange expertise on the topics and to converge towards common approaches and methodologies.

Public

Each session is planned over 3 days, for sixty (60) participants **from all E.U countries**. The target group is mainly **science and mathematics educators and teacher trainers, project coordinators**, etc. A special attention will be paid to the persons with the capacity to **implement and disseminate IBSME** in their respective countries or abroad. Participants can be internal or external to the Fibonacci project. All sessions will be **delivered in English**. Participants must therefore be proficient in this language.

A catalogue containing the description of each course and the main information on the venue, contents, registration modalities and contacts is available on the Fibonacci website <www.fibonacci-projet-eu> (*project section*). The costs of stay and transport will have to be covered by each participant. No fee will be requested for registration.

The full programme will be made available on the Fibonacci website <www.fibonacci-projet-eu> (*project section*)

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- For details on each European training session, please contact the person in charge in the organising centre (cf. catalogue on the Fibonacci website <www.fibonacci-projet-eu>).

