CREATIVE LITTLE SCIENTISTS FINAL REPORT ATTACHMENTS

Figure 1: ‘Creative Little Scientists’ definition of creativity in early years science and mathematics education

Figure 2: Visual model of synergies between IBSE and Creative Approaches (CA) identified in the Creative Little Scientists conceptual framework
Figure 3: Curricular Spider Web (van den Akker, 2007, p. 41)

Figure 4: Pedagogical interventions in context (Siraj-Blatchford et al, 2002)
Figure 5: Interaction between the project’s research phases, methods used and data collected

Figure 6: Curriculum design research model of Creative Little Scientists
OTHER FIGURES (not used in the Final Report)

Figure A: Project workflow with key deliverables available on the project’s website

Figure B: An example of a teacher training template

The children were asked to plan and conduct their own experiments to investigate the changing states of water. They were allowed to use any of the equipment in the room (school lab) and to go outside as well. Before the children could start their experiments, they had to document their plan by writing down or drawing their ideas and procedures on a prepared „Scientist’s sheet“.

Children plan and conduct their own investigations to prove that ice and steam both come from water

Children draw their plans and assumption on their “Scientist Sheets”:
1. How does ice become water?
Figure C: Creative Little Scientists project logo
Figure D: Partners list

Project Partners / Beneficiaries

Ellinogermaniki Agogi
www.ea.gr

Institute of Education, University of London
www.ioe.ac.uk

Open University
www.open.ac.uk

Bishop Grosseteste University College Lincoln
www.bishopg.ac.uk

Artevelde University College
www.arteveldehs.be

Goethe University Frankfurt
www.uni-frankfurt.de

Rheinische Friedrich-Wilhelms Universität Bonn
www3.uni-bonn.de

University of Minho
www.uminho.pt

National Institute for Laser, Plasma and Radiation Physics
www.inflpr.ro

Université de Picardie Jules Verne
www.u-picardie.fr

University of Eastern Finland
www.uef.fi

University of Malta
www.um.edu.mt
Figure E: Creative Little Scientists consortium

Figure F: Creative Little Scientists consortium involved in fieldwork