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Center for
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Proiecte educationale europene cu participarea CSET

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The screenshot shows a web browser window with the URL <http://education.inflpr.ro/> in the address bar. The page itself has a dark blue background. At the top right, there are links for "NEWS" and "NOUTATI". In the center, the CSET logo is displayed next to the text "Center for Science Education and Training". Below this, a blue button features a stylized atom icon and the text "Reteaua educatională Hands-on Science - Romania Instruire prin experiment". At the bottom left, there are logos for the European Union and the project partners. The bottom right corner contains small icons for the United Kingdom and Romania. The footer includes the copyright notice "© 2006 CSET - Center for Science Education and Training.", the number "018904", and the date "11:27 AM". The taskbar at the bottom shows various open applications.

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i-best
Inquiry-Based Education in Science and Technology

Proiectul "Inquiry-Based Education in Science and Technology - i-BEST"

Project finantat de Unitatea Executiva pentru Finantarea Invatamantului Superior, a Cercetarii, Dezvoltarii si Inovarii (UEFISCDI)

Contract nr. 223/2012

Romania 2012-2015

Micii cercetatori creativi: Dezvoltarea creativitatii prin predarea stiintelor si matematicii in invatamantul prescolar si primar

Creative Little Scientists: Enabling Creativity through Science and Mathematics in Preschool and First Years of Primary Education

Belgia, Finlanda, Franta, Germania, Grecia, Malta, Marea Britanie, Portugalia, Romania

2011-2014

Projectul este finantat de Programul Cadru 7 al Uniunii Europene SIS-CP-2011-289081 si cofinanat de Unitatea Executiva pentru Finantarea

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Micii cercetatori creativi: Dezvoltarea creativitatii prin predarea stiintelor si matematicii in invatamantul prescolar si primar



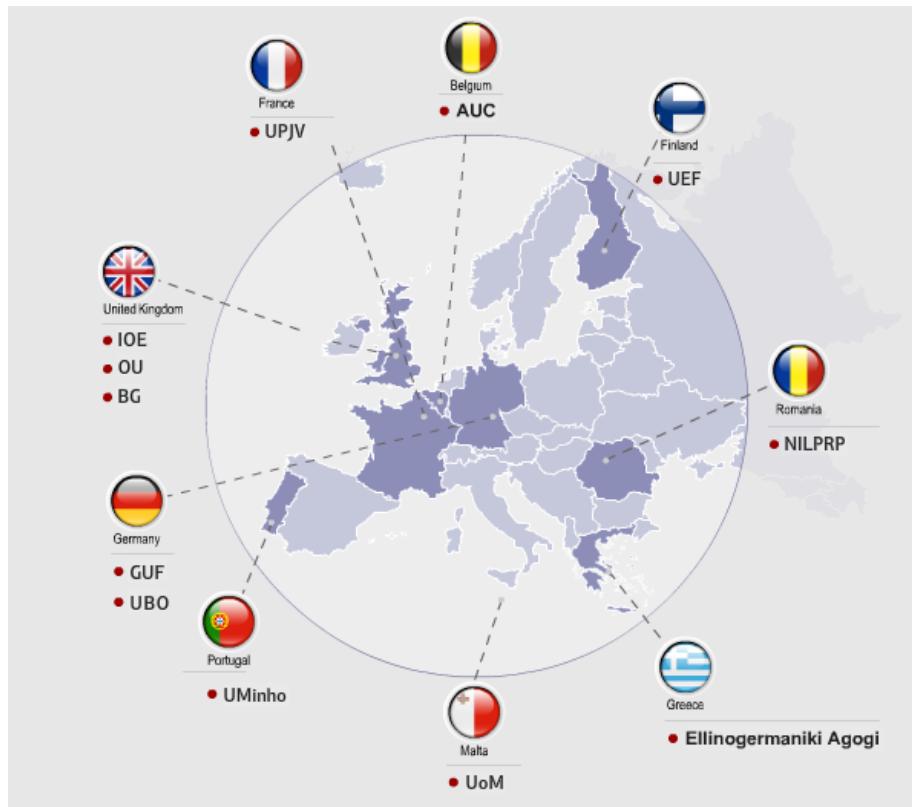
<http://education.inflpr.ro/ro/MicciCercetatoriCreativi.htm>



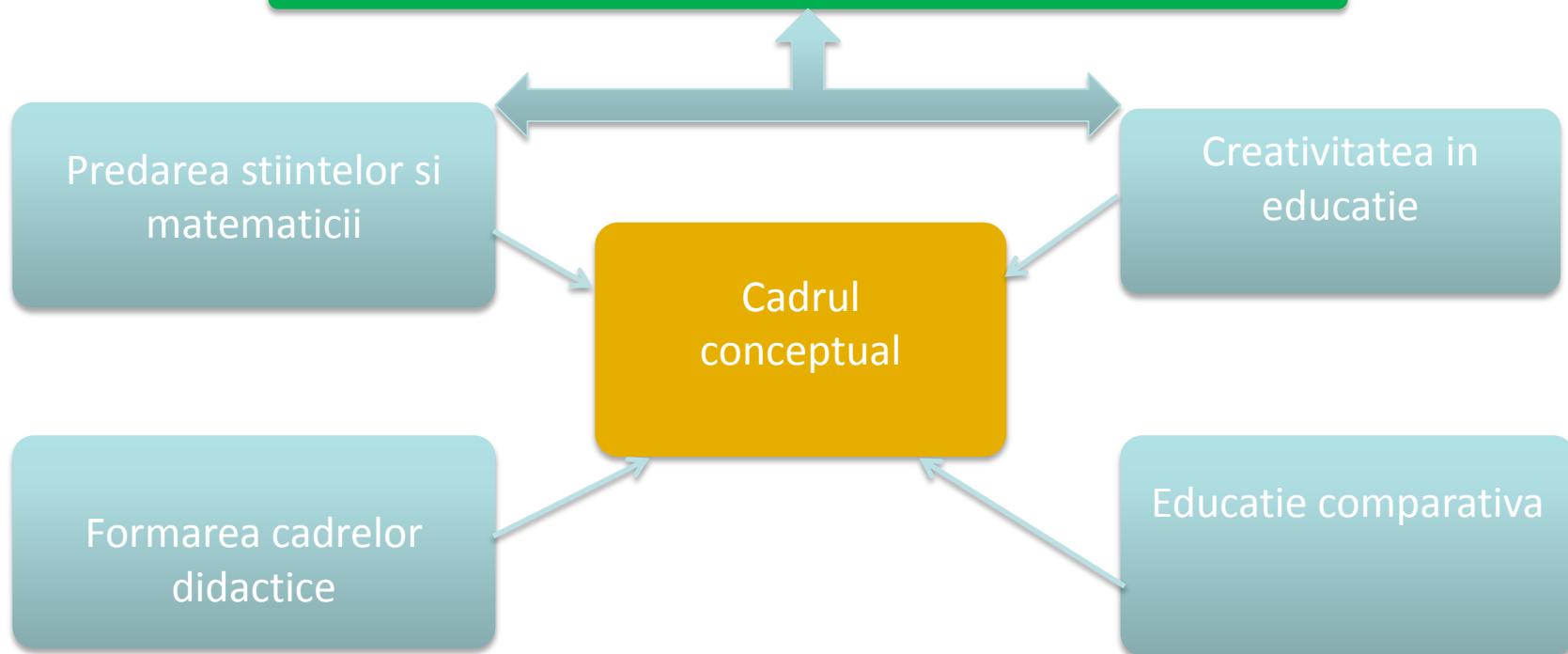
The project CREATIVE LITTLE SCIENTISTS has received funding from the European Union's Seventh Framework Programme (FP7/2007-2013) for research, technological development and demonstration under grant agreement no 289081.



Parteneri



Asemanari si deosebiri intre IBSE si creativitate



Preluat din: Fani Stylianidou si Dimitris Rossis “Enabling Creativity and Inquiry through Science and Mathematics in Early Years Education”



Preluat din: Fani Stylianidou si Dimitris Rossis "Enabling Creativity and Inquiry through Science and Mathematics in Early Years Education"



Rezultate:

- **Ghid orientativ pentru cercetarea bibliografica**
- **Setul de principii care sta la baza cercetarilor**
- **Studiu cu privire la predarea stiintelor si matematicii la nivel prescolar si in primii ani ai invatamantului primar**
- **Creativitatea in educatie**
- **Studiu privind formarea cadrelor didactice pentru invatamantul prescolar si primar in domeniul matematicii si al stiintelor**
- **Studiu comparativ privind predarea stiintelor si matematicii**
- **Lista factorilor utilizati pentru mapare și comparare**
- **Raport privind practicile identificate**
- **Raport despre sondajul de opinie privind practica didactica**
- **Raportul privind desfasurarea activitatilor de cercetare in unitatile de invatamant**
- **Linii directoare si principii de proiectare curriculara pentru formarea cadrelor didactice, exemple**
- **Raport final si recomandari**



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INSTEM

Shaping the future of STEM education

Innovation Networks in Science, Technology, Engineering & Mathematics

<http://instem.tibs.at/>

supported by:



Education and Culture DG

Lifelong Learning Programme



Parteneri

- Pädagogische Hochschule Freiburg (DE)
- Norges teknisk-naturvitenskapelige universitet (NO)
- University of Innsbruck (AT)
- Martin-Luther-Universität Halle-Wittenberg (DE)
- The University of Liverpool (UK)
- University of Naples Federico II (IT)
- Dublin City University (IR)
- University of Exeter (UK)
- Hacettepe University (TR)
- National Institute for Laser, Plasma and Radiation Physics, CSET (RO)
- FORTH (GR)
- Bodmin College (UK)
- Walther-Rathenau-Gewerbeschule (DE)
- Ellinogermaniki Agogi (GR)



INSTEM va:

- dezvolta initial rapoarte de sinteza accesibile și informari,
- furniza actualizari periodice cu privire la progresele înregistrate în educația tip STEM, bazate pe informații la zi primite de la cercetatori, practicieni și factorii de decizie în domeniu.

Se va merge dincolo de activitățile anterioare "de depozite de informații", prin:

- o abordare critica, reflexiva și inclusiva a diferitelor componente ale practicii pedagogice
- munca de dezvoltare de module educationale desfasurata in cadrul proiectelor europene.



Rezultate:

- **Conferinta internationala a coordonatorilor de proiecte europene**
- **Raport referitor la stadiul actua in domeniul educatiei tip STEM**
- **Raport de sinteza privind desfasurarea proiectelor europene FP7 si LLL**
- **Seminarii nationale de analiza a rezultatelor proiectelor**
- **Raport asupra seminariilor nationale**
- **Conferinta internationala a beneficiarilor proiectelor europene**



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Supporting Science Teaching Advancement through Inquiry

<http://www.sustain-europe.eu/>



Parteneri

- FONDATION LA MAIN A LA PATE – FRANCE (FR)
- ECOLE NATIONALE SUPERIEURE DES TECHNIQUES INDUSTRIELLES ET DES MINES DE NANTES (FR)
- FREE UNIVERSITY OF BERLIN (DE)
- ST PATRICK'S COLLEGE (IR)
- NATIONAL ASSOCIATION OF NATURAL SCIENCE TEACHERS (IT)
- NATIONAL INSTITUTE FOR LASERS PLASMA AND RADIATION (RO)
- VINČA INSTITUTE OF NUCLEAR SCIENCES (RS)
- TRNAVA UNIVERSITY (SK)
- UNIVERSITY OF LJUBLJANA (SL)
- UNIVERSITY OF LEICESTER (UK)
- SCIENCE LEARNING CENTRE, UNIVERSITY OF EDUCATION (AT)



Parcursul a 3 ani, reteaua SUSTAIN, formata din 11 furnizori de CPD din 10 tari ale UE, cu o vasta experienta in IBSE, va dezvolta, prin colaborare pe 3 module tip ESD (Education for Sustainable Development) transversale, o baza de IBSE referitoare la inovarea in domeniu, un "set de instrumente" pentru profesori si formatori, care pot fi utilizate si adaptate la contextele locale, in majoritatea tarilor europene.

Partenerii din proiect vor forma trei grupuri de lucru, pe trei teme majore ESD, si vor dezvolta module tip IBSE si instrumente de formare, precum si activitati, care vor fi prezentate in trei ateliere de lucru europene, si apoi vor fi puse la dispozitia utilizatorilor pentru exploatare sub forma a3 manuale publicate pe site-ul proiectului.

Totul este construit pe "trei piloni", ca un model de care se leaga aspectele de mediu, sociale si economice, toate fiind interdependente.



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Intrebări ??



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