An Erasmus+ project to empower teachers with cognitive neuroscience informed educational practices

PROJECT WRAP UP

Project IlluminatED is an Erasmus+ Programme project (2017-2020) that brought together experts in education technology, teacher development and cognitive neuroscience to support teachers in making use of knowledge from neuroscience in their teaching practice. The IlluminatED team developed a range of Open Educational Resources (OER) – resources that can be reused by anyone at no cost.

These OER include:

- The Neuroscience of Learning for Teachers (online course): The self-paced online course features neuroscientists from the University of Helsinki who share insights into understanding and enhancing learning. The course, available in English, Spanish, Greek and Portuguese, consists of three modules: (1) Introduction to the Science of Learning; (2) Empirical Evidence on Learning; (3) Good Habits to Enhance Learning.
- Science of Learning Concepts for Teachers (eBook): The e-book introduces teachers to key concepts from the Science of Learning and provides an extensive list of references for those looking to deepen their knowledge about the Science of Learning. The e-book is available in English, Spanish, Finnish, Greek, and Portuguese.
- Illuminated Trainers' Toolkit for Teacher Workshops: The toolkit provides resources for those wanting to deliver workshops on the neuroscience of learning to teachers. The toolkit includes speaker notes, activities, and a facilitator's guide for two continuing professional development workshops for teachers and is available in English, Finnish, Spanish, Greek, and Portuguese.
- Science of Learning Strategies for Students (Workshop): The free digital materials are for teachers wanting to teach their students about evidence-based learning strategies that align with the Science of Learning. The workshop materials (slides with speaker notes, online surveys) are appropriate for high school and undergraduate students. The materials are available in English, Spanish, Greek, and Portuguese.

The project was coordinated by the [Interactive and Distributed Technologies for Education](#) (TIDE) research group of Universitat Pompeu Fabra's Department of Information Technology and Communications in collaboration with European partners including neuroscientists from [Cicero Learning](#) at the University of Helsinki, researchers from the University of Western Macedonia (Greece) and Metropolia University of Applied Sciences of Helsinki (Finland), as well as Portuguese companies Advancis and Boon.

From 2017 to 2020, the IlluminatED team organized learning activities with educators and students throughout Europe. The consortium held **29 different workshops** enrolling more than **400 participants** (from all partner countries and [Egypt](#)).

PUBLICATIONS

The IlluminatED project manager and lead investigator, Marc Beardsley, led the following publications related to the project:

- [Examining university students' motivation, abilities and preferences related to learning to learn](#)
- [Individual versus computer-supported collaborative self-explanations: how do their writing analytics differ?](#)
- [Learning to learn: university student perceptions of a science of learning intervention](#)
- [Comparing pre-service and in-service teacher perceptions of the science of learning](#)

TO BE CONTINUED...

See you in a while!
While Project IlluminatED came to an end on 30 September 2020, the project consortium continues to work together on a related project that focuses on Social and Emotional Learning (Project Spotlighters). More information on Project IlluminatED can be found at:http://www.illuminatedproject.eu/

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