Desarrollo de dispositivos inteligentes de enseñanza y evaluación de contenidos curriculares y competencias básicas

Engl. transl.: Development of smart devices for teaching and evaluating curricular content and basic skills

# Details

## Year

2014

## Scope

National

## Countries

Spain

## Type

Empirical research – Mixed methods

## Methodologies

## Researched Groups

Children

## Children Ages

Other

## Other Childrens Age Group

12-16 years old

## Funder

Conselleria de Educacion, Cultura y Deportes de la Generalitat Valenciana PROMETEO/2013/081

## Funder Types

Regional Government

## Has Formal Ethical Clearance

## Consents

Consent obtained from school officials / principal

## Ethics

Ethical considerations and/or protocol mentioned in the research design

## URL

https://www.uv.es/lasalgon/prometeo/index.wiki

## Data Set Availability

Not mentioned

# Goals

The main research goals of this study are 1) to analyze the predictive role of linguistic (word decoding, comprehension-based print reading) and non-cognitive factors (Internet frequency of use for social and informational purposes, Internet self-efficacy) on comprehension-based Internet reading, and 2) to characterize the development of comprehension-based Internet reading skills across adolescence.

The research project main goals are:

1.Develop an Intelligent Teaching Device in a Virtual environment that advances on the current development of an intelligent reading tutor called TuinLEC2.
2. To develop a reading competence test in a digital environment called WebLEC2, whose pilot version was developed in a previous project.
3. Advance knowledge of the content and conditions of application of feedback in intelligent teaching devices.
4. Develop an instructional research tool that allows the design of teaching experiments in an electronic environment.
5. Develop an application to generate educational games for the assessment and training of basic reading skills that complement TuinLEC2.