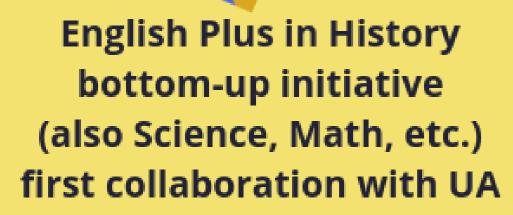
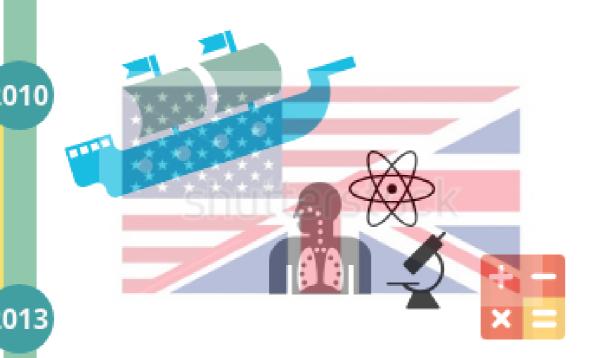
# HOW SUBJECTS ARE LEARNT USING FOREIGN LANGUAGES

2006

**European school - French section** top-down initiative



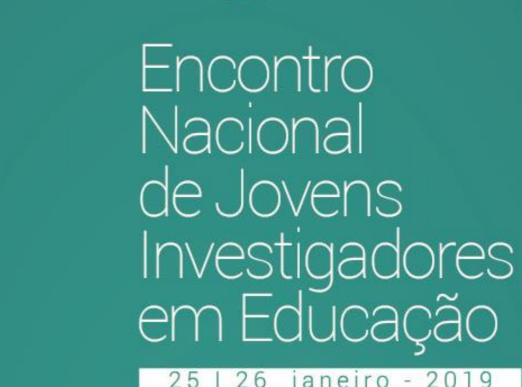




**English Plus in Science** 



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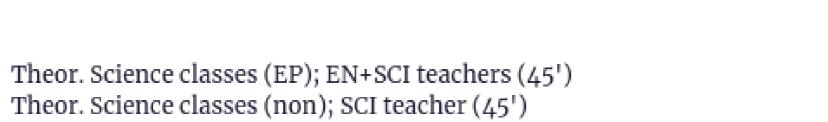
ENJIE

# CONTEXT CHARACTERIZATION AND **RELEVANT RESULTS**

# Valentina Piacentini

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- ✓ The presence of an additional language such as English fosters more teacher attention on difficulties learners can have with Science languages;
- A CLIL-type approach is a context whereby teachers of specific subjects are encouraged to renovate strategies and resources, covering a diversity of styles;
- CLIL classes represent a meaningful learning environment for the foreign language (other than private language schools) and provide motivation for the non-linguistic discipline, improving Science learning;
- School projects such the CLIL-type "English Plus" engage students as members, language teachers and teachers from other areas and different language proficiency, as well as parents in different spheres and local organizations...



1 x 8th classes 1 x 9th classes bottom-up initiative **English Plus in Science** bottom-up initiative Science and English teacher interview

2 x 7th classes

new collaboration with UA-DEP: our empirical study and some results



13:20

# Workshop with interested

(unformal chats, phone calls, etc.)

Implementation of CLIL-type

classroom activities

School teachers and continuous resource sharing

#### 7th and 8th student questionnaire High School student interview EP teachers in focus group Observation of EP and HP classroom practices, lesson planning and other moments

2 x 7th classes 2 x 8th classes

1 x 9th classes

### characterization (EP programme)

updated context

Pract. Science classes (non); SCI teacher + 1/2 class (45') HP on socio-cultural Science topics (EP); EN teacher (45') EN+SCI teacher co-planning, 1/w (not always possible) Extra-curricular activities (theatre, trips, etc.) Attendance in EP classes, not compulsory

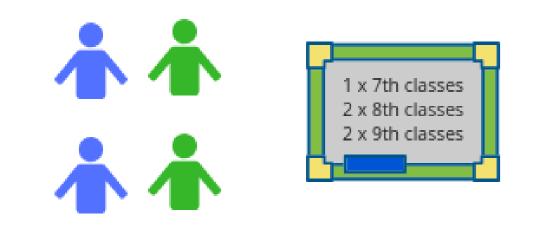
**English Plus in Science** 

bottom-up initiative

(involvement of other

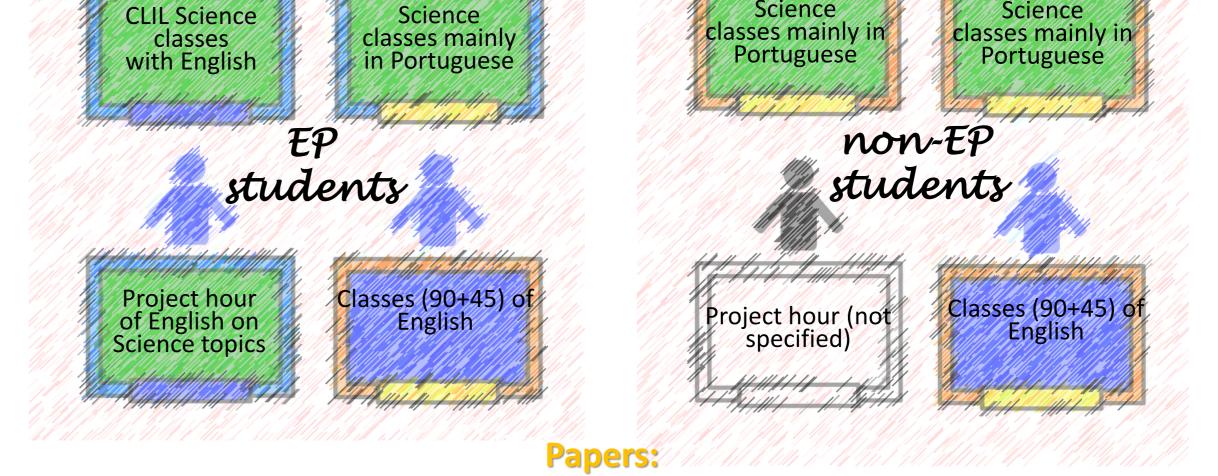
subject teachers too)

and...*Français Plus*.



UA, University of Aveiro EN, English SCI, Science DEP, Departament of Education and Psychology HP, project hour EP, English Plus CLIL, Content and Language Integrated Learning

## NOT JUST LANGUAGE PROMOTION: SPEAKING ENGLISH CAN ALSO IMPROVE SCIENCE LEARNING!!



CLIL: a way to develop plurilingual and intercultural competences at schools? (forthcoming) What can Portuguese students tell us for teacher practices integrating Content with English? (forthcoming) The language focus of Science education integrated with English learning (2017)

#### https://ria.ua.pt/handle/10773/22063

Abordagem holística no sistema educativo português para desenvolver a(s) Literacia(s) das Ciências integradas com o Inglês (2016) https://ria.ua.pt/handle/10773/17537

#### **Events:**

O papel da(s) Língua(s) na Educação em Ciências para professoras envolvidas num projeto CLIL do 3.º CEB (2018)

http://hdl.handle.net/10773/24376

Perspectives of students for orienting teaching practices in the integration

between Science and English at Portuguese middle school level (2018)

http://hdl.handle.net/10773/22778

From the awareness on plurilingual competence to one study in Portugal revealing some inclusive achievements (2016)

https://ria.ua.pt/handle/10773/21699

Aprendizagem integrada das Ciências e do Inglês no sistema educativo português (2015)

http://hdl.handle.net/10773/21695









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