

## CLIL FOR SCIENCE TEACHERS – ONLINE COURSE

NAVARRA-NAFARROA

**Type:** Online course.

**Addressed to:** Secondary school teachers that teach, or want to teach, subjects of the area of Sciences in English.

**Justification:** This course responds to the training needs identified in order to build capacity amongst teachers working in plurilingual schools or those who expect to do so soon.

**Contents:** This online course consists of a competence test to check each participants own knowledge of new methodologies, and 4 small course units of 5 hours each. These units are described at the end of this document.

**Methodology:** The course will take place on an **online platform** developed by **MacMillan Education** and will follow a constructivist methodology which encourages collaborative working and the sharing of ideas and resources. The online format permits flexible and tailor-made learning, with tutor support and technical assistance.

Teachers will have a specific period of time in which they will be able to access the course and finish it. They will have a tutor to help them with the course but each participant will follow their own rhythm.

Once the registration period is over, the teachers accepted in the course will receive an email with the address to access the platform and instructions.

### Organiser

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**Dates:** The course will be open between March 11 and April 29. The course must be finished before the access period is closed.

**Duration:** 25 hours.

**Number of places:** 25

**Minimum number of places:** 15

**Language:** English.

**Signing up:** The last day to sign up will be the **6th of March** here:

<http://formacionprofesorado.educacion.navarra.es/web/inscripciones-2/>

**Selection Criteria:** If we receive more registrations than places are in the course, the following criteria will be applied:

- Order of registration.

### Notes

- From now on all the notifications related with training courses will be sent to the official PNTE email account assigned to each teacher in the Public Education System (usuario@educacion.navarra.es). Teachers in private and semi-private schools will receive them in the email account they have stated in EDUCA.
- The list of accepted teachers will be published, at the shortest time possible once the signing up period is over, on the following address:  
<http://formacionprofesorado.educacion.navarra.es/web/admitidos/>
- When a teacher that has been accepted cannot attend an activity, he/she must inform the person in charge of that activity (this information is in the “convocatoria/deialdia”) before the beginning of the activity so he/she can be unregistered. Not doing so will start a process that will penalize this person with 5 months of banning from the registering platform, which means this person will not be allowed to register for any training activity organized by the Education Department in Navarra. This penalty does not excuse teachers from the 35 compulsory training hours all teachers must take each school year.
- Only teachers that are actively working can take part and get the certification, with the exception of those in leave of absence for maternity, adoption, and fostering, according to the D.F. 71/2017 from August 23<sup>rd</sup>. Any situation of temporary incapacity is incompatible with the assistance to training activities.
- In order to obtain the certificate, teachers must attend to at least 85% of the face-to-face sessions, and sign the signature sheet each and every session with permanent ink pen (not erasable). If there is no signature, then attendance will not count, that is, we will not accept any kind of justification. In those activities which homework is included in the total hours, presenting the paper/s will be compulsory to get the certification.

DESCRIPTION OF COURSE UNITS IN NEXT PAGE ----->>>>>>>>

## **AN INTRODUCTION TO SECONDARY CLIL (5 HOURS)**

### **Contents**

- Planning learning outcomes.
- Linguistic support and evaluation criteria.
- Applying materials and techniques to CLIL concepts.
- Organizing a CLIL classroom.

### **Dynamic and methodology**

The course follows a constructivist methodology which encourages collaborative working and the sharing of ideas and resources. The online format permits flexible and tailor-made learning, with tutor support and technical assistance.

### **Objectives**

- Establish the benefits of cross-curricular teaching, encouraging collaboration between teachers.
- Identify ways to organize and carry out activities which involve students in the process.
- Identify techniques to help students demonstrate what they have learned.
- Learn how to strengthen students' analytical reasoning.

## **SETTING LEARNING OUTCOMES (5 HOURS)**

### **Contents**

- Measurable and specific objectives and outcomes: WALT, WILF and TIB.
- Learner autonomy and assessment of learning outcomes.
- Providing different perspectives about content and language.
- Learning about critical thinking: how to move from lower order to higher order thinking skills.
- Formative and summative assessment, and self-assessment.

### **Objectives**

- Learn the distinction between learning objectives and outcomes.
- Create a learning environment centred on the student.
- Identify the key content, vocabulary, and language structures.
- Encourage the use of higher order thinking skills.
- Develop techniques to vary assessment methods according to the learning outcomes.

## **DEVELOPING CRITICAL THINKING IN SECONDARY (5 HOURS)**

### **Contents**

- What is critical thinking?
- Factors for developing critical thinking.

- The stages of critical thinking.
- Techniques and strategies to develop critical thinking.
- Obstacles in developing critical thinking.

### **Objectives**

- Learn the basics of critical thinking: cognitive and meta-cognitive skills.
- Teach how to develop critical thinking skills in our students.
- Focus on the cyclical stages of critical thinking: observe, ask, and respond.
- Learn the 3 levels of critical thinking: literal, inferential, and critical.
- Distinguish the 3 impediments to critical thinking: perceptive, cultural, and emotional blocks.

## **A CLIL FRAMEWORK FOR SCIENCES (5 HOURS)**

### **Contents**

- Familiarization with the theoretical basis of Secondary CLIL.
- Planning CLIL didactic units: the basic elements.
- The benefits and application of cross-curricular teaching.
- Planning learning outcomes.
- Language support for teaching humanities (Cognitive Academic Language Proficiency).

### **Objectives**

- Establish the benefits of cross-curricular teaching, encouraging collaboration between teachers.
- Develop CLIL competences with the "5E" framework for teaching CLIL in humanities in Secondary.
- Provide tools and techniques to carry out project based learning.
- Promote cooperative learning in bilingual teaching.