

ProFuturo



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1. Innovation Route: Intermediate Level

Level contextualization.

At this level, INNOVATION will be reinforced as an essential competence for the implementation of a high-quality teaching-learning model.

It is essential to work from the ADAPT, ADOPT, CREATE AND SHARE perspective.

Profile of the teacher at the beginning of the training.

The teacher who does this unit will have previously participated in the basic training.

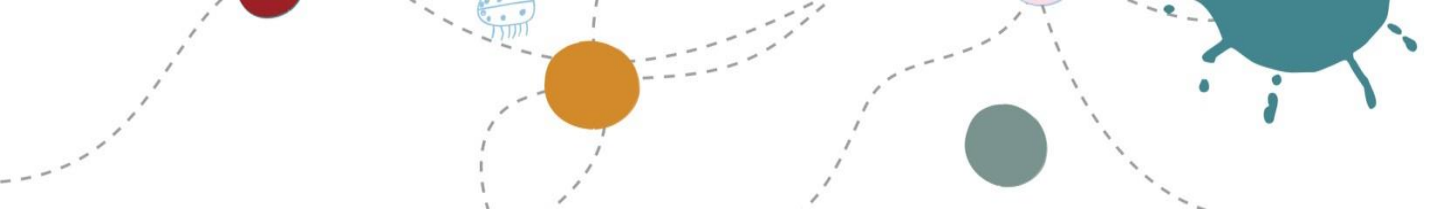
At this level, the teachers will learn about innovative educational experiences they will have to put into practice at their educational centres.

Prior requirements

To understand the current trends in innovation.

Unit 1: Innovative educational experiences. Application in the classroom

In this unit we will work on the following topics:



The new educational paradigm

At present, education is heading towards personalised models in which the student is at the centre of learning and collaborative work and the use of ICTs is of vital importance. It involves technological, disciplinary and pedagogical knowledge requiring the implementation of new teaching models in keeping with the dynamic and transactional relationship of the three components which make up this knowledge. The participants will have to understand this new approach, enabling them to adopt new models of innovative educational experiences within the educational context.

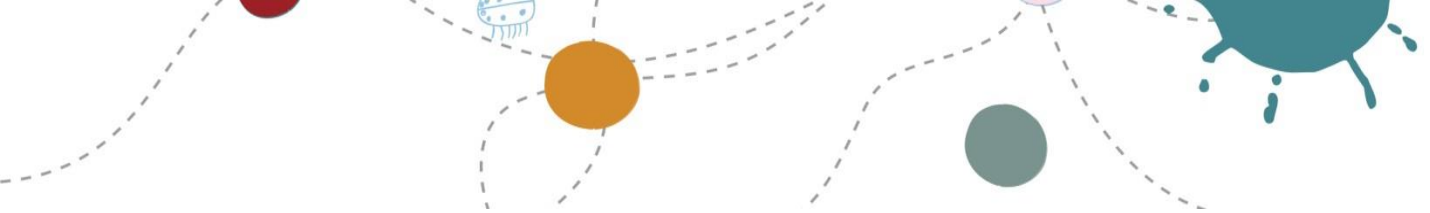
Curricular design of ICT competences.

The new educational scenario entails the implementation of new teaching-learning models and, consequently, adapting the training curriculum upon the basis of ICT competences. Depending on the curricular area in which the teacher wishes to work, it will be necessary to adopt new learning models which help to construct technological, disciplinary and pedagogical knowledge, in which it is necessary to take into account the levels and stages of the realisation of the competence matrix.

The participants will have to understand how the competence matrix is organised around the ICT competences, in such a way that they can learn about a model for the preparation of innovative educational experiences based on the following context: curricular, pedagogical and technological decisions.

Aims of the unit:

1. To identify the **current trends** in education which can be applied at schools.
2. To **extract useful elements** from the **innovative educational experiences** and apply them to the **work plan**.
3. To identify the technologies currently used in the school environment.
4. To indicate the **success factors of innovative educational systems** throughout the world.
5. To develop a **work outline** based on creativity and innovation tools.
6. To **share experiences and work proposals**.



Unit 2: Educational experiences in Mobile Learning. Application in the classroom

In this unit we will work on the following topics:

Mobile learning: learning experiences with the use of ICT.

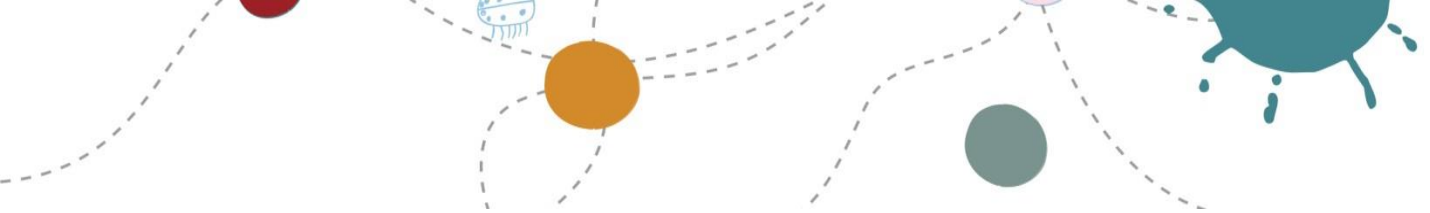
The use of mobile devices throughout society means that educational institutions must adopt them as a new learning platform. The numerous benefits they offer mean that the teacher should be aware of the need to implement them in the classroom and understand what educational experiences they offer and how to use them. In this topic the participants will learn how to promote mobile learning as an additional resource in the teaching-learning process and what approach is necessary to adopt it.

ICT exercises and applications for classroom work.

The participants have to know which applications are useful and relevant to the classroom in accordance with the curricular needs the teacher detects, as a result of which a presentation of different application and exercise typologies will be made, with an analysis of what they can contribute within the educational context and the guidelines under which they should be used. In short, the participants will be shown how they can be used, how to download them and the main recommendations for their use will be explained.

Collaborative work and online learning.

Using mobile learning does not necessarily mean that online learning is promoted or that collaborative work methodologies have to be used, and therefore this topic will present the participants with a model for working with ICTs so that they understand that, depending on the content to be worked on, it will be necessary to establish a work methodology and, thereafter, look for and select the networked educational experience which can contribute to the achievement of the objectives set.



Aims of the unit:

1. To understand the **benefits of mobile learning** for the implementation of **educational experiences and network learning**.
2. To know how to search for, download and use different **network applications** in order to work in the classroom in accordance with the **curricular objectives**.
3. To implement pedagogical strategies which encourage **collaborative learning**.

Evaluation test.

In order to pass this knowledge level it is essential to view all the content units and do the evaluation test, obtaining more than 75% correct answers. The test will consist of 40 questions about the contents associated with the units of this level.

