The importance of teachers' training in DIGITAL COMPETENCE

01 The NECESSITY
- Training teachers who can train the new generations of citizens in Digital Competence (DC).

02 WHERE?
- At El Serrella Public School, located in the city of Tarragona.

03 HOW?
- Designing and implementing a center's internal training plan to develop Teaching Digital Competence (TDC) and evaluating it with a study based on participatory research-action methodology.

04 FOR WHOM?
- 3 male teachers
- 19 female teachers
- Most of them have 10 years of experience in both primary and secondary schools.

05 Context Analysis
- Teachers must:
  - Know the role of DC as a methodological competence.
  - Reflect, share, and design strategies for working on DC in the classroom.
  - Be aware of the resources available to work on DC.

06 Training Objectives
- Analyzing the curriculum by competencies in DC treatment.
- Designing teaching-learning (T-L) situations to work with contents that imply a development of DC at ICTs.
- Analyzing the use of T-L: blogs, websites, and Virtual Environments, suggesting activities for them.

07 Training Evaluation
- Our competence when it comes to the implementation of new technologies has improved.
- Our teaching level of ICT is higher.
- 93% of us have improved our TDC level.
- 7% of us have not improved their TDC level.
- We still have problems at collaborative work.

08 Conclusions
- Self-perception of TDC improvement from permanent training.
- Improved quality of ICT incorporation at the center.
- ICT management and organization.
- In the T-L environment by means of apps and EVAs.
- Feedback and evaluation tools for Virtual Teaching-Learning Environments.

Professional development in teacher digital competence and improving school quality from the teachers' perspective: a case study


Editors: Dra. Rosabel Roig Vila and Dr. Santiago Mengual Andrés
Paper design and adaptation: Angel Jorge Vilaplana Camis.