

# TEACHERS' PERCEPTIONS OF THE DIGITAL TRANSFORMATION OF THE CLASSROOM THROUGH THE USE OF TABLETS: A STUDY IN SPAIN

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<http://dx.doi.org/10.3916/C49-2016-08>

## INTRODUCTION



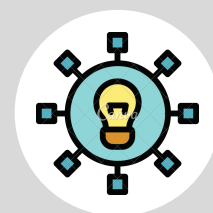
### Tablets

for teachers and 5th and 6th year students attending 15 primary schools in Spain  
The research sample comprised 166 teachers



### «Samsung Smart School»

Bases of this study were defined by this project, which was developed by Samsung and Spain's Ministry of Education



### Six dimensions of teaching

Educational objective, teaching approach, organization of content and activities, teaching resources, space and time, and learning assessment

## METHODOLOGY

A qualitative analysis strategy was applied by means of:

**Non-participant observation**  
in four of the primary education units participating in the project



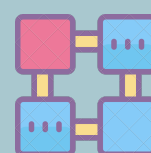
**Focus groups**  
two focus groups with teachers and ambassadors



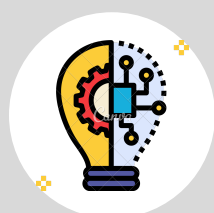
**Semi-structured interviews**  
13 virtual interviews of 10 open-ended questions



**Teaching units**  
Content analysis of 80 teaching units



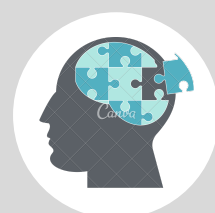
## CONCLUSIONS



Teachers construct a pedagogical vision of their educational use. The configuration of this pedagogical vision is present in the activity, perception and teaching programming with tablets



The use of tablets for educational purposes implies a change in teaching methodology that gives way to the development of project-based learning (PBL) and collaborative learning



Teachers view tablets not only as a technological challenge, but also as an opportunity to rethink their traditional teaching models

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