

CLIL & IBSE METHODOLOGIES IN A CHEMISTRY LEARNING UNIT

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ABSTRACT

In this paper, we have combined CLIL (Content and Language Integrated Learning) with IBSE (Inquiry Based Science Education) methodology. Inquiry is an approach to learning that involves a process of exploration that leads to asking questions and making discoveries in the search for new understandings. This means that in an inquiry, learning process information is not directly offered but it needs to be discovered through investigation activities by learners themselves. Through the "*Chemistry, CLIL and IBSE*" project work, we chose to create a lesson on spectroscopy, to combine CLIL and ISBE methodologies using ITC tools in order to engage and motivate students in both science experiences and foreign language communication.

Keywords: CLIL, IBSE, UV/Visible spectroscopy.