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Use of integrated software, applied to the elaboration of didactic material for students with hearing disability at the basic intercultural education center of deaf

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Graphical Abstract

Abstract. In this research project, integrated software was used in the development of didactic material for the students with hearing impairment at the Intercultural Center of Basic Education for the deaf. The use of the inductive method was essential beginning with an analysis of the current situation of teaching methods that are applied in the classroom. Digital didactic contents were developed based on the topics of the first grade textbook in accordance with the new curriculum of Basic General Education. The process stages were applied in order to create educational materials with new technologies proposed by Ogalde Careaga and González Videgaray. Integrated software is considered a tool which allows the integration of different sources and the development of different interactive activities that are evaluated. The process to create didactic materials was: Planning, Analysis, Design, Developing, Implantation and Evaluation. The tool that was selected is called Constructor, a free code application for the development of didactic material.

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