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Abstract

The text has many functional tools for requesting and 'linking' all resources in the class group. Teachers have the opportunity to use ICT to break down barriers to learning. The aim of the book is to make the teachers the authors of their own learning resources. The use of the interactive whiteboard and the introduction of the main open source software offers the reader tools, guidelines and procedures to build an effective digital lesson, incorporating hypertext content, learning objects, tests and verifications to make the process of teaching and learning more motivating. All of this is explained in simple language with an abundance of examples and illustrations. The text describes the features of and possibilities offered by the interactive whiteboard. The different ways of planning digital educational resources are subsequently analysed and the eXeLearning software program is introduced: this powerful, flexible and free tool makes it possible to create digital lessons, hypertext pages and test material.

Main findings

The book features an illustrated tutorial about applications that help to create graphic designs, audio, video and music. Online services for education are also analysed: building virtual classrooms for a brand new learning experience, creating an online community, creating blogs, podcasts and e-books, and sharing and editing materials online. Finally, it explains how online editors can access their work via a PC without having to install any software.