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THE ROLE OF CONTENT ANALYSIS OF BIOLOGY TEXTBOOKS IN PROCESS OF THEIR TEACHING AND DESIGNING IN IRAN

Abstract:

Textbook is the most important and available teaching tool which plays valuable role in the education system and it can provide better learning in students. One of the research methods used for investigation of textbooks is content analysis. It would be proposed strengths and weaknesses of biology textbooks for eventual modification of the content, according to the scientific principles and determined targets, and provide practices designed for managers, planners and authors of textbooks. In this study is used library research method to achieve a content analysis of biology textbooks. In this paper, have been evaluated the importance of content analysis of the textbook, definition and their concepts, use and their dimensions, and also have been proposed principles and theories in the design biology textbooks from the viewpoint text, image and shape in various sources in Iran. In the end, have been provided the role of content analysis in order to design better and more effective biology textbooks in Iran in the form of recommendations. Including the insertion of images is one of the most effective tools in the process of teaching and design of textbooks.

Keywords:

Biology textbook, Analysis, Library research method, Teaching, Iran