

University of Bahrain
College of Education
Department of Curriculum and
Methods of Teaching
Education Master Degree Program



**An Analysis of Questions Recorded in the
Technology Textbooks in the Light of Cognitive
Domain of Bloom Taxonomy**

Prepared by:

Jameel S. Ebrahim Jaffar Hassan

Supervised by:

Dr. Faysal Issa Shehab

This Project has been Submitted to Complete the
Requirement of Master Degree in Education
Specialization in Curriculum Development
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Abstract

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This study is meant to set a standard that can be used in evaluating the questions in the technology books. Furthermore, it aims at evaluating the questions in some of the technology books studied by students of the third secondary of technical schools in the light of Bloom taxonomy.

The sample study has been formed by five technology schoolbooks and distributed among five majors. It's worth noting that the total of the questions has reached (855). A questionnaire has been prepared and distributed by the researcher among a group of educators in the technical education in the kingdom of Bahrain to determine the percentage weights of Bloom taxonomy. Additionally, the researcher has set an analytic tool that has been used to analyses the questions in the technology books. Thus, the researcher has employed a number of methods in his statistics such as Repetition, Percentile and Scott's reliability co-efficient.

The study led to a standard that specifies the percentage weights of Bloom taxonomy. It showed that the percentage weight for comprehension is (30%), then remembrance and application (25%) each, while analysis (8%) and finally synthesis and evaluating (6%) each.

The results have demonstrated the following: the questions in the technology books, which have been studied, depend noticeably on the ability of remembrance. As a matter of fact, the percentage of remembrance reached (63.04%), then comprehension (19.42%), application (15.32%), while analysis and synthesis got such low percentages, which were (1.75%) and (0.47%) respectively. Moreover, no question regarding the evaluation has been mentioned in all books.

The study has come up with some recommendations and suggestions for further studies.