

Abstract

This study aimed at analyzing tenth grade health and environment sciences textbook in Palestine from science teacher perspectives.

An Instrument to measure teacher's perspectives was designed and then administered to all tenth grade sciences teachers.

Content validity of the Instrument was checked by exploring a panel of expert's opinions who's their suggestions had been taken in consideration.

This study tried to answer the following research questions:

1. What are the characteristics of health and environment science textbook?
2. How science teachers perceived the textbook characteristics such as "appearance, content, the method used in designing the textbook"?
3. To what extent the environment concepts and issues are included in health and environment science textbook?
4. What are the forms of the environmental issues and concepts that included or mentioned in health and environment science textbook?
5. To what extent health and environment science textbook give a chance to student to participate in activities included in the textbook?
6. What are Bloom taxonomy levels that met in each lesson questions?

Results of this study can be summarized as the following:

1. Health and environment science textbook was well designed and organized.
2. No additional readings were included.
3. Pictures and figures were not clear enough and do not motivate students to think critically.
4. Health and environment science textbook covers most of the environmental issues comparing to the list provided and designed by the researcher.
5. Students' role in teaching and learning process was not considered to be satisfied.
6. Affective and psychomotor domains were not given the importance as much as cognitive domain at the end of each lesson questions.

This study recommends that, the ministry of education should provide tenth grade science teachers with the teacher manual that contains lesson models that are related to environmental education. Also, science textbooks from Arab countries should be studied in order to compare them with the Palestinian textbook