

Needs that mathematics teachers Training requirements for teachers of mathematics curricula in the light of a series McGraw-Hill from the perspective of professionals and supervisors using the Delphi method.

Abstract:

The aim of this research was to investigate the training needs that mathematics teachers in primary basic stage need it for dealing properly with new mathematics books – McGraw Hill Series - as Perceived by educational specialists and supervisors in Riyadh .The aim of this research was achieved by answering the following research question.

What are the training needs that Mathematics Teachers need it in the primary stage for dealing with new mathematics books- McGraw Hill Series - whether what relates to student, teacher and text books (teacher's Guide- student's textbook – exercises book) or teaching styles, evaluation technology and any other reason you see?

The sample consist of (40) Member ,in the first and the second semesters of year 1431/1432 H. To answering of the research question, the researcher has used Delphi style for identifying these needs.

Research results has demonstrated for identifying a list composed of (67) a training need that mathematics teacher need it in primary stage for dealing with the new mathematics books properly- McGraw Hill Series - that the sample members agree on it unanimously , it is divided into six fields as the following :-

- ❖ First: Planning for education.
- ❖ Second: Management and organization of the class .
- ❖ Third: Strategies and methods of teaching and learning .
- ❖ Fourth: Cognitive side.
- ❖ Fifth: Teaching aids.
- ❖ Sixth: Assessment in Mathematics.

Upon the research results, the researcher reached to many recommendations ,as the following :-

- ❖ Preparation of training courses for teachers of mathematics to equip them with skills necessary for them and prepare training programs according to the real training needs revealed by this

study, especially those that got a high degree of importance need of training.

- ❖ Interest to train teachers practically through workshops and by the specialists of this field.
- ❖ Mathematics supervisors should be interesting for needs that has the most importance of the training requirements and following it during the supervising work in the field.

Evaluating the effect of the training courses and the extent to which teachers and its impact and reflecting that on their vocational level.