

Abstract

A proposed of mathematics curriculum for first year of general secondary education in the light of learning based on the brain theory

"analyzed study"

Prepared by

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The study aims at preparing proposed of mathematics curriculum for first year of general secondary in the light learning based on the brain theory . to achieve the study aims ,the researcher used analytic descriptive curriculum to analyze the content of mathematics book 2014 edition depending and analysis card prepared by the researcher which the three dimension of the theory : (right side- left side – both sides together) .after verifying the validity and reliability of the study tools by showing them on jury of specialists , the researcher conducted the content analysis procedures using duplicates counting and percentages for mental processes included in each side of the three dimension .

The study results showed that the book content didn't activate the mental processes In the to side of the brain in integral and balanced ways. also ,the designers of this curriculum neglected many mental processes .so , some of the these processes were not exist and others were under the desired level in the light of the theory .in the light of the study results , the researcher recommends to reconsider the mathematics book of first year of general secondary education ,and the principles and foundations of the learning based on brain theory . researcher introduces planning for the first year of general secondary education in the light of this theory.