

# THE EFFECT OF USING THINKING MAPS IN THE TEACHING OF SCIENCE AT THE SCIENTIFIC SENSE OF THE DEVELOPMENT OF THE FEMALE STUDENTS IN THE FIFTH GRADE

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**ABSTRACT\_** This research aimed determine the impact of the use of thinking maps on the scientific sense of the development of the female students in the fifth grade, and to achieve this goal researcher has prepared a book of student parameter directory using thinking in the unit "Power and Energy" of decision sciences second semester Maps, it was also prepared appropriate scientific sense of scale for the students of the fifth grade, it has applied search tool tribal on a sample of 60 female students from the fifth primary grade, after divided into experimental groups and the control group equally, then been teaching selected unity experimental group using thinking maps while used the usual way to teach unity the same for the control group, and then apply the search tool Uday on the experimental and control groups. And reached the search results to the presence of a statistically significant differences at the level (0.01) between the mean scores of students in the experimental group and degrees of the control group in the scientific sense of the scale in favor of the experimental group, as the research that the impact of the use of maps of the size of thinking on the scientific sense of the development of the female students in the fifth grade large. in light of this research it reaches a set of recommendations and proposals, as recommended by current research to reconsider the content of the decision science in middle school so that it includes many of the thinking maps, as well as the need to train science teachers to prepare and build thinking and its use in teaching science for the development of scientific sense Maps.

**Keyword:** thinking maps, Teaching Of Science, Scientific sense.