

# EFFECTIVENESS OF THE EDUCATIONAL UNIT ADVANCED IN LIGHT OF THE DEVELOPMENT OF SCIENCE TEACHING INTEGRATIVE WAY (SEED) TO ACQUIRE SCIENCE OPERATIONS SKILLS FOURTH-GRADE STUDENTS BASIC

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**ABSTRACT** \_ This study aimed to detect Effectiveness of the educational unit advanced In light of the development of science teaching Integrative way (SEED) To acquire science operations skills Fourth-grade students basic. The study sample consisted of 120 male and female students from two schools, one for males and one for females to examine the extent of Maraftm skills of basic science operations from the study of community numbering (1136) male and (1304) student, The study sample consisted of the science book scheduled for fourth grade were selected from the "unity of electricity and magnets", It was the use of a number of materials and equipment in this study consisted prepare educational unit included the first unit (electricity, magnets) of the basic science curriculum scheduled for fourth grade, and the preparation of a test to measure the acquisition of science operations skills. The results showed no statistically significant differences at the level of significance (0.05), Between tribal and Post application of the skills of students of science operations per unit of electricity and magnetism, Reaching the value of the test (t-test) (4.46), Through the arithmetic means and the conscience of the difference it was in favor of the dimensional application with a mean (19.24), While the average amounted arithmetic tribal Application (16:02), And the value of (t-test) was (1.09-), a non-statistically significant value at the significance level (0.05), and this shows no differences in the acquisition of knowledge and skills in a unit of electricity and magnetism between males and females. The study recommended and organize training programs for science teachers in all grades and directed towards.

**KEY WORDS:** Educational unit advanced, The development of science teaching integrative way (SEED), science operations skills, Fourth grade students