

THE LEVEL OF MASTERY OF SIXTH GRADE STUDENTS ON BASIC SCIENCE PROCESSES SKILLS

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ABSTRACT_ *The current research aims to identify the mastery level of six grade elementary students on basic science processes skills. The research sample consisted of 250 students selected randomly from seven public elementary schools in Al-Kharj. The research adopted a descriptive approach. An achievement test was designed for measuring the mastery of basic science processes. The test consisted of 24 multiple choice questions and tested for face validity by a group of arbitrators. Also stability was measured through implementation on a different sample and the value of Reliability coefficient was 0.70. After the implementation of the test and obtaining the results of the analysis, the researcher conclude that generally low level of mastery appeared among six grade students of basic science processes skills as a whole, hence the percentage of proficiency reached was 52.17%, which was less than the minimum required percentage for mastery (70%). Research results showed that there are differences in mastery level among the samples hence; they achieved the Mastery level in both classification and observation processes with percentages 83.87% and 76.13%, respectively. While the percentages of mastery level of using space - time relationships, communication, and induction skills reflected the lowest mastery level with percentages 14.93%, 22%, and 39.33%, respectively. Based on the research results, the researcher provided a number of recommendations and suggestions relevant to the research.*

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