

THE RELATIONSHIP BETWEEN OVER EXCITABILITIES PATTERNS (ACCORDING TO DOBROSKY THEORY) AND CREATIVE THINKING AMONG TALENTED AND ORDINARY STUDENTS IN AL-SALT SCHOOLS

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ABSTRACT_ *The study examined the relationship between over excitabilities patterns (according to Dobrosky Theory) and creative thinking among talented and ordinary students in Al-Salt Schools. Sample of the study consisted of (336) male and female seventh and ninth graders selected from the public schools at Al Salt Educational Directorate and King Abdullah II Schools for Excellence at Al Salt. From those, (100) students were talented while (263) were ordinary students/ to achieve the objective of the study, the descriptive correlational design was used as Over excitabilities Patterns Scale and Torrance Creative Thinking Scale were used for data collection. Validity and reliability indicators were established for both scales.*

Results of the study indicated that over excitabilities patterns at the talented students were as follows: mental over excitabilities ranked first, then psychomotor over excitabilities, while emotional over excitabilities ranked last. Results indicated that over excitabilities patterns at ordinary students were as follows: sensory over excitabilities ranked first, then imaginative over excitabilities, psychomotor over excitabilities, emotional over excitabilities, mental over excitabilities, respectively.

Significant differences were found at ($\alpha = 0.05$) in the over excitabilities patterns and creative thinking between talented and ordinary students, in favor of talented students. There was a significant correlation at ($\alpha = 0.05$) between over excitabilities patterns and creative thinking between talented and ordinary students.

The study proposed some suggestions and recommendations including the need for future study examining the relationship between over excitabilities patterns and creative thinking among other populations from various age groups and to compare the results obtained in this study with the ones reported in the current study.

Key Words_ *Excitabilities Patterns - Dobrosky Theory - Creative Thinking – Talented.*