

An Enrichment Suggested Program in the light of the Connectivism Learning Theory of Developing the Habits of Excellence in Mathematics Among Gifted and Talented Students at the University of Tabuk

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ABSTRACT

The research aims to build a program in light of the relational theory to build the habits of excellence in mathematics among students and unsurpassed talent. To achieve this aim will be extrapolated literature and previous studies to characterize the variables of research and build enrichment program in light of the Connectivism Theory. Then came the building Questionnaire of habits of excellence in mathematics and polite way. The researcher building program that included (9) meetings, two hours per week. The sample was selected s of students preparatory year scientific discipline semester first and who studied principles of mathematics. Also the instruments were prepared. The research depended on the experimental design, one group (pre-post).the main finding is, there are significant differences between the average grades of the experimental group in two applications (pre-post) for the post. In light of the results was presented a set of recommendations including: applying Connectivism theory to take account of the needs of gifted and talented students, in addition to build habits of excellence in the areas of mathematics during the planning and development of academic programs, also to the discovery and development of gifted and talented, and the development of habits of excellence in mathematics by employing tools and technological resources and diverse enrichment activities free, also recommended giving students the opportunity gifted and talented in discovering and developing their abilities.

Keywords: Connectivism learning theory, habits of excellence in mathematics