**Assessing the Psychometric Properties of the Behavioural Characteristics Scale to Identify the Elementary Gifted School Students in Kuwait**

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**Abstract**

The aim of this study was to assess the psychometric properties of thebehavioural characteristicsscale to identify the gifted students for the elementary gifted Students (9-11 years) in Kuwait through measuring Renzulli Scale. This study was an attempt to answer the following questions: (1) To what extent are the items in the scale of assessing the developed behavioural characteristics Scale valid in terms of the discriminative ability?, and (2) What are the indicators of the validity and reliability of the Renzulli scale. The actual sample consisted of 555 Students for these dimensions (Learning, Creativity, Motivation, Leadership, Communication (accuracy), Communication (expressive), Drama, Planning, Reading, Technology, and Science), 570 Students for the remaining dimension such as Maths, 554 Students for Music, and 595 for the art dimension. The sample was from the fourth and fifth graders representing all the children in the four governorates in Kuwait (the Capital, Mubarak Al-Kabeer, Al-Ahmadi, Al-Jahra) in the academic year 2012-2013. For the purpose of the study, the following instruments were used: the SRBCSS for identifying the gifted learners, Toni-2 Test, Torrance Creative Thinking Test, Raven’s Progressive Creative Matrices Test, and the End-of-First Semester Exam in the academic year 2012-2013. The results indicated that the items on the SRBCSS had highly discriminative coefficients in all dimensions, a high degree of the arbitrators’ validity and construct validity except in art and music, a considerable degree of concurrent validity with achievement test, and an acceptable degree of concurrent validity with Raven and Torrance tests. Moreover, the scale (SRBCSS) had a good degree of internal consistency reliability. Stable reliability degree ranged between .284 for technology and .730 for leadership. Finally, training session will be a specific recommended for teachers who are asked to use the scale.

***Keywords*:** psychometric characteristics, Behavioural characteristics Scale, identification, elementary stage, Kuwait.