

## PSYCHOMETRIC CHARACTERISTICS OF THE ELEMENTARY STAGE LOCUS OF CONTROL SCALE

**AFRAH ALQALLAF**  
Ministry of Education

**ABDALLA ALSMADI**  
Arabian Gulf University

**SAEED AL YAMANI**  
Senate Council

**ABSTRACT\_** *This study aimed at constructing a locus of control scale that is appropriate for elementary school stage students with ages ranged between 10 to 12 years old. An initial sample consisted of 569 ( approximately 30% of the population) students distributed in to 20 different elementary schools in Kuwait were selected randomly. The initial form of the scale was consisted of 40 items. All items were given to a group of experts to examine for appropriateness in term of the concept being measured. Some rephrasing were suggested. According to statistical analysis, 4 out of 40 items were deleted due to lack of discrimination indices. As another validity index, discrimination indices of the 31 remained item were all acceptable and ranged between 0.309 - 0.643. checking for reliability indices revealed an acceptable range of values; Test re-test, Cronbach's alpha and unbiased equivalent forms were investigated and found 0.729, 0.843 and 0.731 respectively. Overall, the analysis showed acceptable psychometric characteristics that justifies using the scale for different students related decisions.*

**KEYWORDS:** *locus of control, external locus of control, internal locus of control, test construction, psychometric characteristics, validity, reliability, elementary stage.*