ABSTRACT

The aim of this study is to develop a valid and reliable a Likert type scale for
primary school students towards learning styles.

Investigation’s specimen consists of 532, 6., 7. and 8. grade primary school students
who attended a state school in the second term of 2007-2008 academic year at
Gölmarmara, Gördes and Demirci which are towns of Manisa.

In the development phase of the scale, 79 items were convened and socio-
demographic that are related to Learning Styles were examined. The data analysis, which
was collected by the materials was made by SPSS (version 11.5).

Factor analysis were carried out for 79 items, which were significant, in order to
verify the construct validity of the scale and as a consequence of this analysis a scale
with three factor and 17 items was selected.

To determine the reliability of scale, the internal consistency coefficients have been
estimated. Internal consistencies of the total scores were assessed by use of Cronbach
Alpha coefficient, Spearman Brown Split-half reliability and item total corelation
techniques. Cronbach Alpha for three sub-scale-dimension were found to be .67
respectively.

The findings of research reveal that the scale is valid and reliable.

KEY WORDS: Learning, style, learning styles, elementary school, scale development.