

The relationship that exists between teacher-related factors and the acquisition of the numeracy skills is very important because of the role that is played by the teacher in that process. This is the reason why this study seeks to investigate this relationship and attempts to put into perspective the impacts teacher education has on the acquisition of the numeracy skills in the preschoolers. The purpose this study is to examine the existence of a relationship between teacher education and the acquisition of numeracy skills in preschoolers. This target population will be all the preschoolers in private and public preschools in the 160 schools in Hananasif Ward. Each preschool have a population of approximately 30-40 preschoolers with 1-2 teachers in the class. Their teachers will mainly be the key participants in this study in the quest of finding out their education status and how it impacts on the practice while teaching and assessing numeracy skills to preschoolers. Only 16 schools will be sampled in this study and 32 preschool teachers. Correlational research design will be used to conduct this study due to its nature. This study is bivariate and the variables under study are teacher education on the acquisition of numeracy skills. Simple random sampling technique will be used to ensure all the participants have equal chances of taking part in the study. Observation checklists, achievement tests and questionnaires are some of the research instruments that this study will use. In terms of the methodology, observation and questionnaire methods will be used. Data analysis will involve tabulation and computation of correlation coefficient between the two variables. Pearson product Moment Correlation Coefficient ( $r$ ) will be used to find the correlation because it gives the direction and the strength of the relationship between variables. Qualitative data analysis using thematic approaches will also be used. Graphs, pie charts, frequency polygons and tables will be used to present the findings of this study. The results and findings of this study will be useful to various stakeholders in the education sector in the district. These findings and recommendations could be used to review their theory and improve on their practice. Eventually, having the preschooler's access the best learning experiences in their early years of life and have high achievement in their numeracy skills.