

**TEACHER RELATED FACTORS AFFECTING THE ACADEMIC PERFORMANCE  
OF STUDENTS IN COMPUTER STUDIES IN MACHAKOS COUNTY, KENYA**

**BY**

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## ABSTRACT

The purpose of the study will be to examine teacher related factors affecting the academic performance of students in Computer studies in Machakos sub-County. Research questions governing this study will be: What is the role of teacher motivation in the academic performance of students in computer studies? How do the teacher's classroom practices affect the academic performance of students in computer studies? Which are the effects of teacher's attitude on the academic performance of students in computer studies? And what is the role of teacher's subject mastery in improving the academic performance of students in computer studies? The study used a target population for the study included principals, teachers and students of public secondary schools offering Computer Studies in Machakos sub-County. There are 14 public secondary schools in the region and all of them will be used in the study. The total study population will be 154 including 14 principals, 14 computer studies teachers and 168 computer students in forms 3 and 4 respectively. The questionnaire were the major instrument of data collection. Collected data was analyzed using SPSS and be presented in forms of tables, frequencies and pie charts. The study findings were that teachers motivation, teachers' attitude teachers' mastery of subject matter and teachers classroom practices had an influence on students performance in computer studies in Machakos sub-county. The study recommended that Computer studies teachers should offer personalized attention to weak students. It also recommended that more female teachers should pursue computer related courses to act as role model for female students. The computer studies teacher should embrace the subject positively regardless of the challenges it offers in order to facilitate ICT innovation among learners in school it is essential for teachers to further their careers. The study findings will benefit, secondary school teachers teaching Computer Studies in relation to self efficacy and subject performance, the school principals in understanding better the teacher related factors of performance and thus have a better judgment during the teacher recruitment session. The Curriculum developers of Computer Studies will also benefit from the findings in understanding matters related to subject mastery and provision of adequate literature for Computer studies .It was recommended that a further research be done on the perception of Computer studies teachers and the academic performance of students. It also recommends that a study be done on motivation strategies among Computer studies teachers in the inadequate provision of learning infrastructure.