

GENDER AND EXPERIENCE AS PREDICTOR OF BIOLOGY TEACHERS' EDUCATION PROCESS SELF-EFFICACY PERCEPTION AND PERCEPTION OF RESPONSIBILITY FROM STUDENT SUCCESS

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ABSTRACT

In this research, it is aimed to examine the relation between biology teachers' "education process self-efficacy perception, perception of responsibility from student success" and "gender and experience". The research has been prepared according to the scanning model. A total of 82 biology teachers participated in the research. In the research, "Education Process Self-Efficacy Beliefs Scale" and "Perception of Responsibility from Student Success Scale" are used. For the general of the scales the Cronbach Alpha Reliability Coefficients have been found as 0.93 and 0.90. In data analysis, beside descriptive statistics, Pearson Correlation Coefficient is used in the calculation of the relation between the variables; and linear regression analysis is performed to determine the level of prediction of the dependent variables by the independent variables. At the end of the research, the level of biology teachers' education process self-efficacy perception and the level of perception of responsibility from student success have been found as medium. On the other hand, the results of the regression analysis have shown that both gender and experience variables positively and significantly predict education process self-efficacy perception and perception of responsibility from student success. It has been determined that while gender accounts for 11.4% of the total variance in education process self-efficacy perception and 9.1% of the total variance in the perception of responsibility from student success, experience accounts for 13.6% of the total variance in education process self-efficacy perception and 8.7% of the total variance in the perception of responsibility from student success.

Key Words: Self-efficacy perception, self-efficacy perception of education process, the perception of responsibility from the success of student, biology teacher, gender and experience.