

**INVESTIGATING OF THE VIEWS ABOUT THE CREATIVITY
AND CREATIVE THINKING OF PRE-SERVICE SCIENCE
TEACHERS TO DIFFERENT VARIABLES**

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Abstract

In this study, it is aimed at determining of the views about the creativity and creative thinking of pre-service science teachers and investigating of the so-called views according to different variables. In the study, it was used the survey model that is one of the descriptive methods. Two hundred twenty one pre-service science teachers who studies in a medium-sized university located in Turkey participated in the study. In the study, a questionnaire that consisted of the items about determining of the views on the creativity and creative thinking of pre-service science teachers was used. In the analysis of data obtained from the study, it was counted the frequency and percentage of the responses of pre-service science teachers for each items included in the questionnaire. Besides, the responses for each item were examined to gender, education status, grade level and high school graduation of pre-service science teachers. In the results of analysis data obtained, it was determined that the answers given to some items included in questionnaire differed to the so-called independent variables. In the result of the study it could be said that the pre-service views on the source of creativity, developing of creativity and the areas that creativity could be shown differed.

Key Words: Creativity, Creative Thinking, Pre-service teachers.