

## DETERMINATION OF CREATIVE THINKING ABOUT THE DEVELOPMENT OF PEDAGOGICAL CONTENT KNOWLEDGE SKILLS

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### Abstract

The purpose of this study is to determine the pedagogical content knowledge of a science teacher related to the strategies in-door activities that he uses to develop the students' creative thinking skills. For this context, it is also tried to find out what he thinks about the creative thinking skills, how he uses in-door teaching activities considered as one of the creative thinking techniques and what techniques he uses to teach for what subjects. The sample of the research contains a science teacher working in a public school in Amasya for 13 years selected as purposed-based sampling. This study is carried out through a case study method on a single-subject research which is one of the qualitative research designs. Data were obtained from semi-structured interviews and observations. Data analysis is still going on and according to the current analysis, it is seen that the science teacher has not used the techniques in all subjects to develop his students' creative thinking skills. In addition, the teacher claimed that the time is limited to develop creative thinking skills and reported that the techniques he used in the classroom cause some problems in the classroom management. As a result, it is suggested to inform science teachers about the in-door activities and to give them practical training in this regard.

**Keywords:** Pedagogical knowledge, creative thinking skills, case study.