



## **ANALYSIS OF EIGHTH GRADE STUDENTS' ACADEMIC ACHIEVEMENTS IN SEASONS AND CLIMATE UNIT**

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### **Abstract**

The main purpose of this study is to analyze the academic achievement of the eighth grade students in the Seasons and Climate unit. Homogeneous (analogous) samples were used in the study. A total of 140 students participated in the study, depending on the volunteerism principle. Academic achievement test was used to collect quantitative data. Qualitative data were collected through a fully structured interview form. Data were analyzed with the help of Microsoft Excel and SPSS programs. Descriptive and content analyzes and a technique such as Cronbach's Alpha value, frequency and percentage was used. According to the findings; It was determined that the students' academic achievements in seasons and climate units were at a good level. It was determined that the majority of the students stated that the seasons occurred because of the Earth's rotation around the Sun and the tilting axis of the Earth. The students mentioned the climate as the average weather events, covering large areas and covering many years. Also they stated that weather events are daily in short periods in a narrow region. As a result, it is determined that the knowledge of students about seasons and climate unit provides a good level of academic achievement. Recommendations were made in parallel with the results.

**Keywords:** Academic achievement, Analysis, Climate, Science, Seasons, Weather events.