

# **The Place of the Scientific Magazines in the Life of 7th Grade Students: The Relation between the Attitude towards Science and Technology Lesson, the Scientific Literacy and Scientific Magazines<sup>1</sup>**

By

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## **Abstract**

In this study, the place and the role of the scientific magazines in Turkey in the life of the 7<sup>th</sup> grade students were investigated. In this concept, the effects of the scientific magazines on the attitudes of science and technology lesson and scientific literacy of the 7<sup>th</sup> grade students were investigated in terms of various variables. Survey method from descriptive research models has been used. Student Recognition Form, Science and Technology Lesson Attitude Scale and the Scientific Literacy Scale were used in order to determine which science magazines students follow, to learn how often they follow science magazines, to determine how often science magazines are read in the family and to determine the demographic characteristics such as the gender and parents' education level. A city was elected in each of the seven regions in Turkey. Scales which were prepared, were sent one city per one region to selected public school in these cities and applied to 7<sup>th</sup> grade students at these schools. So, 7<sup>th</sup> grade students revealed their views on scientific magazines. The data was analyzed on the SPSS program. Results of the research revealed that there is a significant difference among levels of the students' attitudes towards science and technology lessons and among levels of the students' scientific literacy according to gender, the father's education level. A significant relationship between the levels of scientific literacy and students' attitudes towards science and technology lesson was found. In addition to this, it has been seen that students were mostly made connections between scientific magazines and science and technology lesson.

**Keywords:** *Attitude towards Science and Technology Lesson, Scientific Literacy and Scientific Magazines*