

# THE INFLUENCE OF THE LEARNING ENVIRONMENT, INTEREST IN LEARNING AND MOTIVATION TO LEARN ON STUDENT ACHIEVEMENT IN ICT SUBJECTS IN CLASS X SMA N 1 KOTA MUNGKID, MAGELANG

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## ABSTRACT

This research aimed to determine: (1) the influence of the learning environment on student achievement in ICT subjects in class X SMA N 1 Kota Mungkid, Magelang, (2) the influence of the interest in studying to the effect on student achievement in ICT subjects in class X SMA N 1 Kota Mungkid, Magelang, (3) the influence of motivation on student achievement in ICT subjects in class X SMA N 1 Kota Mungkid, Magelang, (4) the influence of the learning environment, interest in learning, and motivation to learn together on student achievement in the classroom ICT subjects X SMA N 1 Kota Mungkid, Magelang.

This research is ex-post facto quantitative approach. The sample was a class X SMA N 1 Kota Mungkid, Magelang totaled 157 students. Methods of data collection in this study using questionnaires, documentation and interviews. Questionnaires were used to measure the learning environment variables, interest in learning and motivation to learn by asking the students of class X to fill a questionnaire that has been provided. Documentation is used to measure the student achievement variables by asking the teacher grades on classroom ICT X. While the interview on the data sources used for stabilization. Test the validity of the instrument using Product Moment analysis and reliability testing using techniques Alpha with a significance level of 5%. Data analysis techniques using simple regression analysis techniques and multiple regression three predictors.

The results showed that (1) there is a positive and significant correlation between the learning environment on student achievement in ICT subjects in class X SMA N 1 Kota Mungkid, Magelang evidenced by  $R^2 = 0.04$  and the effect of 1.09%, (2) there is a positive and significant correlation between interest in learning on student achievement in ICT subjects in class X SMA N 1 Kota Mungkid, Magelang evidenced by  $R^2 = 0.111$  and amounted to 2.95% influence, (3) there is a positive and significant relationship between learning motivation on student achievement in subjects ICT class X SMA N 1 Kota Mungkid, Magelang evidenced by  $R^2 = 0.111$  and amounted to 8.86% influence, (4) there is a positive and significant correlation between the learning environment, learning interest and motivation to learn together on student achievement in ICT subjects class X SMA N 1 Kota Mungkid, Magelang evidenced by  $R^2 = 0.129, 7587$  and the effect  $F_{hitung}$  at 12.9%.

*Keywords: learning environment, interest in learning, motivation to learn, student achievement*