The Effect of Learning Environment on Student Motivation and Student Achievement (Literature Review Study)

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Abstract: A literature review article (literature review study) on the effects of the work environment on student motivation and performance is an academic article that aims to establish a research hypothesis about the effects of variables for further research within the framework of psychology. The writing method of this literature review article is the library search method from online media such as Google Scholar, Mendeley and other online academic media. The findings of this literature review article are: 1) learning environment affects student motivation; 2) learning environment affects student achievement; 3) student motivation affects student performance. In addition to the above exogenous variables that affect endogenous variables, there are other factors including: parent education, parent and teacher guidance.

Keywords: Learning Environment, Student Motivation, Student Achievement

INTRODUCTION

A school is a place where students gain knowledge and learn with friends and taught by one teacher. But in learning, knowledge can not only be obtained in school, knowledge and learning can be carried out anytime and anywhere. Students can gain knowledge through extracurricular tutoring, parent tutoring, and playmate learning. With the amount of knowledge students possess, they can stand out and become class champions. Being a good student takes time, energy and money.

Formulation of the problem

Based on the background of the problems above, the researcher determines the formulation of the problem as follows:
1. Apakah Lingkungan Belajar berpengaruh terhadap Motivasi Siswa?
2. Apakah Lingkungan Belajar berpengaruh terhadap Prestasi Siswa?
3. Apakah Motivasi Siswa berpengaruh terhadap Prestasi Siswa?
LITERATURE REVIEW

Student Achievement

Academic achievement is the result of learning activities, or the result of a person's efforts, practice and experience, and this achievement cannot be separated from the influence of the learner's own external factors. Achievements are the result of individual and collective activities. Academic success is evidence of academic success or the student's ability to perform academic activities based on the weight achieved. Indicators of student performance include: 1) ability to verbally explain and define material taught; 2) ability to work in groups; 3) ability to complete presented material; 4) ability to provide specific examples and use them appropriately.

Student Achievement have extensively studied by previous researchers, among other: (Lawu et al., 2022), (R. Putra et al., 2021), (Arsad & Ali, 2021), (Khalik et al., 2021), (Bastari et al., 2020), (U. Maharani & Ali, 2019).

Student Motivation

Students' motivation is all their own efforts that lead to learning activities, ensure the continuity of learning activities, and provide direction for learning activities so as to achieve the desired goals. Learning motivation is a desire to motivate, promote, assign and guide individual learning attitudes and behaviors. Indicators of student motivation include: 1) desire to succeed; 2) hope and ambition for the future; 3) appreciation in learning; 4) good learning environment.

Student motivation have extensively studied by previous researchers, among other: (Fauzi & Ali, 2021), (Ali, Zainal, et al., 2022), (Suleman et al., 2020), (Maisharoh & Ali, 2020).

Learning Environment

The learning environment is the premise and all facilities for daily learning activities. The learning environment is part of the learning process to achieve learning objectives, and the environment affects the teaching and learning activities of the school. The learning environment is the environment, both physical and social, that affects the learning process. Learning environment indicators include: 1) school culture; 2) school ethos and character; 3) interactions between individuals.

Learning Environment have extensively studied by previous researchers, among other: (Werita & Nofrialdi, 2021), (Kurniadi & Mahaputra, 2021), (Munawar & Mahaputra, 2022).

<table>
<thead>
<tr>
<th>No</th>
<th>Author (year)</th>
<th>Previous Research Results</th>
<th>Similarities with this articles</th>
<th>Difference with this articles</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(Ridho, 2012)</td>
<td>The effect of the environment on learning motivation and its impact on student achievement in the audio video expertise competence of SMK MUH. Kutowinangun kebumen</td>
<td>Discussing about Learning Environment</td>
<td>There are locus research, namely in: SMK Muh Kutowinangun Kebumen</td>
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<td>2</td>
<td>(Nofrialdi, 2022)</td>
<td>the Effect of Student’S Creativity and Learning Interest on Learning Achievement in Economic Students Class Xi Ips Sma Ekasakti Padang</td>
<td>Discussing about Student Achievement</td>
<td>There are locus research, namely in Economic Students Class XI IPS SMA Ekasakti Padang</td>
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<td>3</td>
<td>(E. B. Saputra,</td>
<td>Efforts to Increase Student Participation and Learning</td>
<td>Discussing about Student</td>
<td>There are locus research, namely</td>
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</tbody>
</table>

Table 1. Relevant Previous Research Results
<table>
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<tr>
<th>2022)</th>
<th>Outcomes Using Group Discussion Methods in the Integrated IPS Subject for Class VIII at SMP Negeri 19 Padang</th>
<th>Motivation in SMP Negeri 19 Padang</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 (Zen et al., 2022)</td>
<td>Analysis of the Effect of the Educational System and Student Motivation in Creating Workforce Competitiveness (A Case Study Facing the Industrial Revolution 4.0)</td>
<td>Discussing about Student Motivation</td>
</tr>
<tr>
<td>5 (Ceylan &amp; Elitok Kesici, 2017)</td>
<td>Effect of blended learning to academic achievement</td>
<td>Discussing about Learning Environment and academic achievement</td>
</tr>
<tr>
<td>6 (Cimerman ová, 2018)</td>
<td>The effect of learning styles on academic achievement in different forms of teaching</td>
<td>Discussing about Student Achievement</td>
</tr>
</tbody>
</table>

**RESEARCH METHODS**

The method of writing literature review articles is the library research method, which is sourced from online media such as Google Scholar, Mendeley and other academic online media. In this research, literature review must be used consistently based on methodological assumptions. This means that a literature review must be used so that it does not raise questions that will be asked of researchers. Researchers use qualitative methods because they are exploratory (Ali, H., & Limakrisna, 2013).

**DISCUSSION**

Based on the formulation of the problem, literature review and previous research tables, the discussion of this article is as follows:

1. **The Effect of Learning Environment on Student Motivation**

   If the learning environment can be applied and implemented according to the indicators, namely: 1) school culture; 2) school ethos and character; 3) interactions between individuals, it will affect student motivation. A conducive learning environment will make it comfortable for students who will study or study. A comfortable environment will make it easy for students to remember and understand the students who have studied. That way it will affect the value and achievement of students.

2. **The Effect of Learning Environment on Student Achievement**

   If the learning environment can be applied according to the indicators, namely: 1) school culture; 2) school ethos and character; 3) interactions between individuals, it will affect student motivation, it will affect student achievement. A supportive learning environment can be in the form of no distractions while studying. With the effectiveness of learning will make it easier for students to remember and understand the students who have studied. With easy learning, it will be easy for students to do exams and assignments given by teachers at school. That way it will affect the value and achievement of students.
The learning environment affects student achievement, this is in line with research conducted by: (Havidz & Mahaputra, 2020), (Hazimi Bimaruci Hazrati Havidz, 2020), (F. Saputra & Saputra, 2021), (Zulhendra & Nofrialdi, 2022).

3. The Effect of Student Motivation on Student Achievement

If student motivation can be applied and implemented in accordance with the indicators, namely: 1) desire to succeed; 2) hope and ambition for the future; 3) appreciation in learning; 4) good learning environment, it will affect student achievement. With the motivation of students, they have more enthusiasm in doing learning. Thus motivated students will easily achieve their achievements.

Student motivation influences student achievement, this is in line with research conducted by: (Ismail et al., 2022), (Mukhtar et al., 2017), (Djamaluddin, S., Rahmawati, D., & Ali, 2017), (Chong & Ali, 2022), (BAstAri, A., & Ali, 2020).

Conceptual Framework

Based on the problem formulation, literature review and discussion above, the conceptual framework of this article is as follows:

![Conceptual Framework](https://greenpub.org/IJPHS)

This article discusses the influence of the learning environment on student motivation and student achievement. There are other factors that influence student motivation and student achievement, among others:


4) Study Facilities: (Darwisyah et al., 2021), (Mulyani et al., 2020), (Sivaram et al., 2020), (Agussalim et al., 2016), (Sivaram et al., 2019), (Somad et al., 2021), (Ridwan et al., 2020), (Widodo et al., 2020), (Bimaruci et al., 2020), (Maida et al., 2017), (Chong & Ali, 2021).
5) Tutoring: (Desfiandi et al., 2019), (R. F. A. Saputra et al., 2021), (Yeni et al., 2019), (Larasati et al., 2018), (Elmi et al., 2016), (F. Saputra & Mahaputra, 2022).

**CONCLUSION AND RECOMMENDATION**

**Conclusion**

Based on the theoretical study and discussion above, the researcher draws the following conclusions:

1. Learning Environment affected Student Motivation.
2. Learning Environment affected Student Achievement.
3. Student Motivation affected Student Achievement.

**Recommendation**

Based on the conclusions that have been described by the researcher, suggestions are needed to add reasons that influence student motivation and student achievement.

**BIBLIOGRAPHY**


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