



Online Learning in the Motivation of Junior High School Students' Learning

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Abstract. The purpose of this study is to find out the relationship of online learning to the motivation of junior high school students. This research method uses a quantitative method. The target in this study is MTs Negeri 4 Magelang Regency Students. The population used is 320. The sample used in the study was 32 students. To analyze the data in this study using the Product Moment Correlation formula. The results obtained in this study are that there is no relationship between online learning and student learning motivation. So that online learning conducted also has a positive effect, especially on the motivation of students' learning with a correlation value of coefficient $r_{xy} = 0.000$ and $p = 0.00 < 0.05$.

Keywords: online learning 1 · learning motivation 2 · junior high school students 3

1 Introduction

Education is an effort made by individuals consciously and planned to realize an effective learning process with the aim of educating students in increasing their learning motivation. But today there are still many problems in the world of education that can hinder the achievement of expected goals. Education is a form of long-term investment that is important for a human being (Suharni, 2021).

Based on Circular Letter Number 4 of 2020 concerning the implementation of education policies in the emergency period of the spread of the virus, the Minister of Education and Culture appealed that all educational institutions do not conduct the teaching and learning process directly or face-to-face, but must be done online. This state of course has an impact on the quality of learning, students and teachers who previously interacted directly in the classroom, now have to interact in a limited virtual space. Teachers are required to provide good teaching, create an atmosphere conducive to learning creatively, innovative in using interesting learning media so that the side can understand the learning materials and learning goals can be achieved.

This condition causes students' learning motivation to decrease and even affect student learning outcomes. Distance learning with online methods has several advantages and disadvantages that affect the learning process and outcomes. Online learning can be more effective if supported by its means including mobile phones, gadgets, laptops or computers and of course internet networks and credit quotas. Motivation can be

obtained by students from various directions, including from parents, society, teachers and media, both print and electronic media (Warti, 2018).

Learning motivation can be interpreted as a driving force to carry out certain learning activities that come from within and also from outside the individual so as to foster the spirit of learning (Monika & Adman, 2017; Andriani & Rasto, 2019). Learning motivation is an internal and external impulse in students who are learning to make behavioral changes, generally with some indicators or elements that support. Motivational learning activities can be said to be the overall driving force in students that give rise to learning activities, so that the desired goals of the study subject can be achieved.

Motivation is the force that drives humans to do something in achieving goals. This is done because it is stimulated from various needs or desires that are to be fulfilled. The main components of motivation are: a) need, b) behavior/drive, and c) goal. To realize the occurrence of learning, motivation has a very important position for students, including increasing the spirit of learning (Arianti, 2019). The characteristics of motivation that exist in students include:

1. Diligently face the task (can work continuously for a long time, never stop before completion).
2. Tenacious facing difficulties (not desperate) does not require external encouragement to achieve as well as possible (not quickly satisfied with the achievements he has achieved).
3. Show interest in a variety of problems.
4. Prefer to work independently.
5. Quickly get bored on routine tasks (things that are mechanical, over and over again, so it is less effective).
6. Can defend his opinion (if you are sure of something).
7. It is not easy to let go of what is believed in it.
8. It's good to find and solve problems. If a person has the characteristics as above, it means that someone has a fairly high motivation to learn.

The characteristics of learning motivation as above will be very important in supporting the learning process that will be used, among others,

1. Encourage Students to Move
Everyone's behavior is caused by an impulse that arises from within called motivation. The small size of a person's passion for work is largely determined by the smallness of the person's motivation. Student spirit in completing the task given by the teacher on time and wants to get good grades because students have a high motivation to learn.
2. As Director
The behavior shown by each individual is basically directed to meet his needs or to achieve predetermined goals. Thus motivation serves as a driver of effort and achievement of achievement. The existence of good motivation in learning will show good results.

E-Learning is an educational system or concept that utilizes information technology in the teaching and learning process. E-learning is learning that is presented with the help of a computer. E-learning means that the material provided is digital so that it can be stored in an electronic device. E-learning illustrates that with information and communication technology, especially the internet, learning becomes more open (open) and flexible (flexible), occurring anytime, anywhere and to anyone in any location (distributed), community-based. The application of e-learning is one of the learning technology innovations that integrate information and communication technology with the content of lessons. Students do not have a culture of distance learning because so far the learning system is implemented through face-to-face, students are accustomed to being in school to interact with their friends, play and joke with their friends and face to face with their teachers, with the learning methods looted far away makes students need time to adapt and they face new changes that will indirectly affect their learning absorption. (Purwanto et al., 2020).

The condition in MTs Negeri 4 Magelang Regency that online learning conditions are students have difficulty learning online, because facilities are inadequate, such as mobile phones, quotas or credit and even internet networks can be an obstacle. With the Covid-19 pandemic, many parents who originally worked are no longer working due to termination of employment or being laid off by the company where the parents worked. For parents who work in the informal and non-formal sectors are equally affected, they can no longer buy credit, they prefer to buy rice to eat rather than to study. Problems in education are the top priorities that must be solved, one of which concerns the problem of quality of education. The quality of education is currently experiencing challenges as a result of the outbreak of the Covid-19 virus. Covid-19 is a global pandemic whose spread is so worrying (Cahyani et al., 2020).

Then in Mathematics and Science subjects it seems that it is not suitable for online because it requires direct explanation and a lot of time, while online is very limited. This is a weakness for teachers and students, especially both subjects. Learning Mathematics certainly needs repeated explanations so that students can understand the material given. Likewise for IPA subjects, Art requires practice and a long time in understanding the subject matter provided. Students also begin to feel saturated learning at home and want to immediately meet face to face with teachers and friends. The saturation of students occurs because they are bored with existing conditions and situations that force them to stay in the condition and the situation such as not being able to leave the house, doing work at home, scolding parents and others.

A person's success in the learning process, depends on oneself and also from the environment (Palittin et al., 2019). There are four functions as teachers that are related to the way of maintaining and increasing the motivation of students' learning, providing realistic expectations, providing incentives, and directing students' behavior in a direction that supports the achievement of teaching goals.

1. Excite Students/Students

Teachers should avoid monotonous and boring things. He should always give to the students quite a lot of things to think about and do. Teachers must maintain the interest of students in learning, namely by giving certain freedom to move from one aspect to the lesson aspect in learning situations.

2. Providing Realistic Expectations

A teacher needs to have sufficient knowledge about the academic success or failure of each student in the past. If students have experienced many failures, then teachers must give as much success as possible to students. The expectations given are of course affordable and with careful consideration. Because unrealistic expectations are lies and that's what protégés don't like.

3. Providing Incentives

If students experience success, teachers are expected to give gifts to their students (can be in the form of praise, good numbers, and so on) for their success, so that students are encouraged to make further efforts to achieve teaching goals.

4. Directing the Behavior of Students

How to direct the behavior of students is to give assignments, move closer, give educational punishments, reprimand with a meek attitude and with friendly and kind words.

2 Research Methods

Types of Research

The type of research used in this research is quantitative research methods.

Population

In this study, the population targeted by the study was students of MTs Negeri 4 Magelang Regency class IX with a total of 320 students.

Sample

The sample in this study was taken by 10% of the population of 32 students in class IX. The technique used for sampling is to take samples in the low learning motivation category.

Research Instruments

The instrument used for data collection used is a learning motivation questionnaire.

Data Analysis

The formula used in recording research data is by using the Product Moment Correlation formula.

3 Research and Discussion Results

Based on the results of the data analysis obtained the coefficient of product moment correlation (r) between online learning (X) and student learning motivation (Y) which is 0.000 with $p = 0.00 < 0.05$. For more details can be seen in the Table 1.

The correlation test aims to find out the strength of the relationship between the stated variable and the correlation coefficient (r). The type of relationship between variables X and Y is positive or negative. The relationship is a correlation while the form of the relationship is positive which is meant is the higher the online learning (X) then the higher the motivation to learn students (Y).

Table 1. Correlation Test Summary *Product Moment* Correlations

		Online Learning	Motivation to Learn
Online Learning	Pearson Correlation	1	0,958
	Sig. (2-Tailed)		0
	N	32	32
Motivation to Learn	Pearson Correlation	0,958	1
	Sig. (2-Tailed)	0	
	N	32	32

Based on the analysis of data obtained a correlation coefficient of 0.00 with $p = 0.00 < 0.05$ means that it can be concluded that there is a positive influence between online learning on student learning motivation. Based on the value r count (person correlation) obtained sebeszar $0.958 > r$ table. Then it can be concluded that there is an influence between Online Learning on Learning Motivation. The better the level of online learning, the better the motivation to learn students.

The hypothesis testing proposed in this study is suspected that there is a relationship between online learning and student motivation in MTs Negeri 4 Magelang Regency. Based on the analysis of data obtained correlation coefficient $r_{xy} = 0.000$ and $p = 0.00 < 0.05$.

Thus the alternative hypothesis (H_a) in this study which reads "There is an influence of online learning on the motivation of MTs Negeri 4 Magelang junior high school students" was accepted and the nihil hypothesis (H_o) which reads "There is no connection of online learning to student learning motivation in MTs Negeri 4 Magelang Regency" was rejected.

Online learning in students based on data obtained through data classification there are results of moderate category blessings. Thus it can be concluded that the online learning of students of MTs Negeri 4 Magelang Regency has a medium category.

The high level of online learning can be caused by several factors, namely the use of technology, information, and communication, online learning applications, internet access, and access to material acquisition references.

Onlineshopping to facilitate communication, especially the delivery of teaching materials in the field of education conducted remotely and provide quality learning services in a massive and open network to reach learning space enthusiasts for more and more. Theuse of e-learning as a learning medium, is expected to increase the absorption of students on the material taught; increase active participation of students; improve students' self-learning ability; improve the quality of educational and training materials, improve the ability to display information with information technology devices (Kuntum and Siti, ; Padli & Rusdi, 2020).

Onlineshopping is the use of the internet network in the learning process, one of which affects students' learning motivation. So one of the challenges of applying online-based learning for teaching and learning is to motivate students to learn.

4 Conclusion

The conclusion in this study is that there is no relationship between online learning and student learning motivation. So that online learning carried out also has a positive effect, especially on student learning motivation.

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