THE APPLICATION OF BLENDED LEARNING MODEL IN IMPROVING ENGLISH LANGUAGE LEARNING ACHIEVEMENT OF GRADE VIII AT SMP 5 DUMOGA

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Abstract

This study aims to find out the answers to: 1) the application of learning using a blended learning model To improve student learning achievement at SMP Negeri 5 Dumoga. 2) supporting and inhibiting factors for the implementation of learning using blended learning models in English lessons. In this study, the research method used was a quantitative approach with a descriptive method. This study does not carry out manipulations or alterations on free variables, but describes a condition as it is. The depiction of conditions can be individual or group, and uses numbers. The research sampling used the purposive random sampling technique and produced as many as 80 students who were used as research samples. Data collection was carried out by observation, interviews, questionnaires and documentation. As well as data analysis using descriptive analysis. The results of the research conducted resulted in a percentage value of 80,9% which is included in the good category in the application of learning using a blended learning learning model in English lessons which can be a benchmark for students to be able to improve student learning achievement during the Covid-19 pandemic at SMP 5 Negeri 5 Dumoga. This is supported by the existence of good supporting factors such as the professional readiness of teachers and students in terms of technology / IT, adequate learning media facilities such as LCD projectors, Wi-fi, laptops and applications used during online learning.

Keywords: Application of Learning, Learning Models, Blended Learning.

Basic Consideretion

In the era of the industrial revolution 4.0, technology integration has become a common thing that occurs in various fields including the education sector. Many countries have been able to integrate technology into their education systems. The integration of technology is also able to encourage the development of education to increase rapidly starting from learning tools, the availability of Learning materials and the implementation of learning. In Indonesia itself to maximize the use of technology.it has become a written

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provision for teaching staff to be able to use technology tools and manifest it in learning.

Currently, Indonesia is facing the Covid-19 pandemic crisis. The need for technology integration in the learning system is increasingly significant. In order to suppress the spread of the Covid-19 virus, the government has designed learning that can be carried out without the need to gather in class by using technological devices that are able to connect teachers and students without the need to meet in person. As a result, for more than a year after the Covid-19 outbreak spread, students throughout Indonesia have experienced the online learning process.

Now, it's like taking a middle ground between face-to-face and online. The Blended Learning model is now reaching the peak of popularity. Basically, blended learning combines conventional (face-to-face) learning models and technology-based online learning models (online). Blended learning is also known for its balance which is able to complement each other and overcome each of the shortcomings of full face-to-face and full online. This model is often used to maximize the learning process, especially in improving learning outcomes, namely student achievement.

Student achievement itself is the main goal of learning. The main orientation in all efforts to improve learning is so that students are able to achieve maximum performance. Student achievement, in particular, is a student learning outcome that is measured through an assessment at the end of each lesson. By using the right learning model, it is expected that student achievement can increase.

Based on this description, the researcher were motivated to conduct classroom action Research with the title " The Application of Blended learning Learning Model in Improving English Language Learning Achievement at SMP 5 DUMOGA Students".

Reason for Choosing Topic

Basically the blended learning model is a new learning model, so the researchers is interested in applying the blended learning model in improving English langueage learning of Grade VII at SMP 5 Dumoga (where the researcher is from).

Research Focus

The focus of this research is only on the application of blended learning in improving English language learning achievement grade VIII at SMP 5 Dumoga.

Research Questions

In the era where technology is increasingly becoming a basic need, the researcher come up with question as follow :

1. Can the Blended Learning type learning model increase the achievement of grade VIII at

SMP 5 Dumoga students when learning English ?

2. Can the Blended learning Model effective in learning activity during the Covid-19 pandemic?

Purpose of Research

Based on the formulation of the problem above, the research objective is to improve student achievement in learning English by applying the Blended Learning learning model to the students of SMP 5 Dumoga.

Significance of the Research

a. Theoricaly Benefits :

1) As knowledge an insight, especially in the field of English languege lesson.

2) The result of this study can be used as study material or reference for further relevant research.

3) This research can be a reference material for other researcher in reserving relevant issue.

b. Practically Benefits :

1) For teacher,as input in increasing the productivity of educators to find solutions to learning problems.

2) For student, it can provide new experiences in terms of learning use of technology in learning

3) For further researchers, it can be used as reference in conducting research that is relevant to other materials.

Theoretical Bases

1.Definition of Learning Model

The model in the Big Indonesian Dictionary (KBBI) is defined as a pattern of something that will be produced or made. The model can be said as a conceptual framework that is used as a foundation when carrying out an activity (Syarifuddin, 2019: 23). Furthermore, Indrawati (2011: 15), reveals that a plan and arrangement that is used as a foundation in designing learning in the classroom is called a learning model. The procedures used as guidelines in order to achieve maximum learning objectives include strategies, techniques, media methods and others (Affandi, et al 2013: 16).

The learning model will refer to the learning approach used, namely learning objectives, learning stages, learning environment and classroom management. Learning models can be used as patterns of choice, meaning that teachers may choose appropriate and efficient learning models to achieve their educational goals (Rusman, 2012: 133).

From the description above, it can be concluded that the learning model is the entire arrangement of the presentation of learning material which includes all aspects both after and before the learning that will be carried out by the teacher as well as the related facilities to support the learning process either directly or indirectly so that

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learning is structured in an organized manner. systematic and can run effectively and efficiently. Therefore, the learning model is used as a reference or guide to create, design or carry out an activity so that the results are as expected.

2. Definition of Blended Learning Model

Blended Learning is a term that comes from English, which consists of two syllables, blended and learning. Blended means a good mixture or combination. Blended learning is basically a combination of the advantages of learning that is carried out face-to-face and virtually.

Basically, Blended Learning is a combination of face-to-face and online learning. Dwiyogo (2018: 60) said that "Learning based on blended learning (PBBL) is learning that combines learning delivery strategies using face-to-face activities, computer-based learning (offline) and online computers (internet and mobile learning.

Abdullah (2018) also conveyed a similar opinion, according to him, Blended Learning is a combination of face-to-face learning and online learning. Furthermore, Abdullah (2018) explains that Blended Learning is intended to

complement the shortcomings of each face-toface learning and online learning.

3. Learning Achievement

Learning achievement itself is grouped into learning achievements in all fields of study or certain fields of study and is a parameter of learning success. Rendleman (2017) says that student achievement is represented by student achievement in the form of grades obtained after the academic year ends. Similar to this opinion, according to Suryabata (1998: 28) student achievement can be determined by measurement which is then reported as a final result in the form of a report book.

4. Definition of Class Action

Classroom Action Research (CAR) or Classroom Action Research is practical research intended to improve learning in the classroom. This research is one of the efforts of teachers or practitioners in the form of various activities carried out to improve and or improve the quality of learning in the classroom.

Classroom Action Research is a form of research that occurs in the classroom in the form of certain actions taken to improve the teaching and learning process

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in order to improve learning outcomes that are better than before.

Classroom action research can be used as an implementation of various existing programs in schools by examining various indicators of the success of the learning processes and outcomes that occur in students or the success of the processes and results of implementing various school programs.

Research Methodology

Research design is a strategy that regulates the research background so that researchers get data according to the needs of variables and research objectives. The research design carried out is as follows.

Determine and formulate the problem. At this stage, the researcher carried out a preliminary study of previous studies or research in order to provide a preliminary understanding of the application of combination learning methods or blended learning in English lessons in grade VIII students of SMP 5 Dumoga.

a. Determination of data sources, data sources in this study were class VIII SMP Negeri 5 Dumoga and other supporting data such as complementary documents and others.

b. Collecting data, the tools used by researchers to obtain data in this study were questionnaires, observations, interviews and documentation.

Kinds of Source Data

The main sources of data in the study was expressions from the drivers of the activity, students who take part in learning and learning activities, and documentation in these activities. The relationship with this in the data type section was broken down into narratives.

The Method of Research

In this study, the researcher used a quantitative approach. " Quantitative research is a research strategy that focuses on quantifying the collection and analysis of data. it is formed from a deductive approach where emphasis is placed on the testing of theory, shaped by empiricist and positivist philosophies.

Techniques and Collecting Data

a. Observation

Nasution (1988) state that, observation is the basis of all science. Researchers can operate with data, which is information about the real world collected through observation.

Direct observation of the object of research in order to see the activities carried out up close. If the focus of the study is on behavior, human behavior, natural phenomena (natural events), work steps, and the meager utilization of respondents, then Observation is a methodology or approach to collecting data by observing people carrying out daily activities. Participation or non-participation can be used to make observations. Observers participate in ongoing activities, as participants at meetings or as participants in training sessions, in participatory observations. The observer in non-participatory observations does not participate in activities, on the contrary, he observes them rather than taking part in them.

b.Interview

An interview is a meeting between 2 people in which they exchange information and ideas with each other through questions and answers to develop the core of a particular problem. As mentioned in the primary data source, the authors conducted interviews with stakeholders in this study.

c.Questionnaire

A kuesoner is a set of written statements intended to obtain information from a person in the form of a report on his personality or knowledge. So that questionnaires or questionnaires become the main instrument in research with the questionnaire method.

Data Analysis

To analyze the data that has been obtained, in this study researchers used a descriptive statistical analysis technique. Descriptive statistics are statistics used to examine data by summarizing or characterizing the data obtained as it is, without making judgments or generalizations that are facing the public. If studies are carried out on a sample, descriptive and

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inferential statistics can be used in the analysis.

When a researcher simply wants to describe the sample data and does not draw conclusions about the population from which the sample was taken, descriptive statistics can be used.

In this technique, data presentation is presented in the form of calculating the percentage of the application of learning the blended learning method through student learning independence with the following formula:

$$Pi = \times 100\%$$

Discussion And Result

In this study, researchers collected data in the form of questionnaires, responses to structured interviews, and observations obtained from principals, teachers, and grade VIII students of SMP Negeri 5 dumoga who responded to research on the application of blended learning methods .Based on the results of the study, there were 97 students of class VIII. In this case, the author conducted an interview method with the principal, vice principal, 2 teachers and collected the results of the questionnaire from 80 students who

took part in learning activities using a blended learning model in English lessons.

To find out how the implementation of the learning model, researchers used questionnaires or questionnaires given to a number of students who are used as research samples. The sample numbered 80 students of class VIII of SMP Negeri 5 Dumoga. The questionnaire contains 22 statements about the implementation of the blended learning model. In a statement intended for independence to improve student learning achievement which was a benchmark for the successful implementation of the blended learning model at SMP Negeri 5 Dumoga in English lessons.

Researchers asked students to fill out a questionnaire questionnaire through a google form guided by using the Likert Scale from positive to negative answers:

a. Strongly agreed to get score 5
b. Agreed to get score 4
c. Neutral to get score 3
d. Disagreed to get score 2
e. Strongly disagreed to get score 1

After the data was obtained, the next step were the process of tabulating the

data to make it easier to present the data. The data on the results of the questionnaire are as follows.

Table result questionnaire of the blended learning implementation

Discussion and Research Result

From the explanation above, the next step is to do data analysis. Data analysis was carried out with the aim of answering the first problem formulation in the study. To obtain the results of descriptive data analysis, it is necessary to calculate the ideal score first. The ideal score is obtained using the following formula: If the results of the questionnaire data on the application of the blended learning model are included in the formula, the ideal score is obtained: 5 x 22 x 80 = 8800. From the questionnaire that has been distributed by researchers to students, the total number of scores obtained from the questionnaire for the application of the blended learning model is 7.117. ,After the ideal score and overall score are obtained, then the next step the researcher calculates the score using a descriptive analysis formula using the likert scale as follow.

$Pi = \times 100\%$

$$Pi = \underline{\quad} \times 100\% = 80,9\%$$

The calculation results obtained get 80.9% then interpreted according to the category table presented below.

NO.	Interval	
1.	≥89%	
2.	72-88 %	
3.	55-71%	
4.	37-54%	
5.	≤36%	

Based on the results of this calculation, amounting to 80.9% if referring to the table above, it can be concluded that the application of the blended learning model to English lessons during the Covid-19 pandemic on class VIII at SMP 5 Dumoga is included in the good category.Based on these data categories, the researcher concluded that this method can improve student learning achievement according to the data obtained.

Conclusion And Suggestion

1.Conclusion

Based on the results of research conducted by researchers on "Application of

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Blended Learning Models to Improve Learning Achievement of class VIII students during the Covid-19 Pandemic Period at SMP 5 Dumoga", the following conclusions can be drawn:

    a. The application of learning using a blended learning model in English lessons during the Covid-19 pandemic at SMP 5 Dumoga is included in the good category. This is in accordance with the presentation of the research results that have been presented that the results of the descriptive analysis get a questionnaire score of 80.9%. Based on these results, the researcher concluded that using the Blended Learning Model can improve student learning achievement in English subjects in accordance with existing supporting and inhibiting factors.

    b. Factors that support and hinder the application of learning using a blended learning model in English lessons during the Covid-19 pandemic at SMP 5 Dumoga are the supporting factors that include the professional readiness of teachers and students in terms of technology / IT, adequate learning media facilities such as LCD projectors, Wi-fi, laptops and applications that are used when applying the blended learning model. Meanwhile, the inhibiting factors include student limitations in the procurement of learning media such as cellphones, laptops, internet quotas. As well as non-technical problems that occur in teachers and students such as unpredictable pandemic conditions, parental permission, illness and so on.

2. Suggestion

Based on research that has been conducted at SMP 5 Dumoga , the researchers provide the following suggestions.

    a. For School
It is hoped that SMP 5 Dumoga will make the results of this research as a consideration so that it continues to maintain or even improve the quality of learning application using blended learning models. Especially through learning support facilities such as the provision of free quotas for students who do not have these facilities due to parental limitations and so on.

b. For Teacher

It is hoped that teachers will specifically maximize infrastructure and the use of more varied learning media in English language lessons in order to increase students' insights in this limited time. Educators can take advantage of this blended learning model not only during the Covid-19 pandemic because this learning model is considered easy to adapt in the future to the technology that already supports.

c. For Future Researcher

Researchers are aware that in this study there are still shortcomings in its writing and many need to be addressed in subsequent studies. For this reason, the researcher hopes that the next researcher can make reference materials and refine in the next research.

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