

Elementary School Student Learning Independence Analyst during the Covid-19 Pandemic

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Abstract

Independent learning is an important element in learning. Independent learning is defined as a learning process within a person in achieving certain goals that are required to be active individually or not to depend on others, including teachers. This study aims to find out how independent student learning is during the Covid-19 pandemic and the factors causing difficulties in student learning independence during the Covid-19 pandemic class V SD Negeri 46 Mataram. The research approach used is descriptive qualitative research. The data collection instruments used interview questionnaires, observation sheets, and documentation studies. The data analysis technique used is data reduction, data presentation, conclusion or verification. The results show that the learning independence experienced by class V students includes: (1) aspects of having self-confidence reaching an average percentage of 50.3%, (2) aspects in making decisions reached an average percentage of 38.6%, (3) responsible aspects reached an average percentage of 50%, (4) aspects of having a competitive desire to advance reached an average percentage of 44.6%, (5) the discipline aspect reached an average percentage of 41.5%. Then the student's learning independence factor in terms of self-confidence, the average percentage is 44.33%. Then the student's learning independence factor in a decision, the average percentage is 36.66%. Then the independent learning factor of students in terms of responsibility, the average percentage is 45.75%. Then the student's learning independence factor in terms of the desire to compete to advance, the average percentage is 38.66%. Then the student's learning independence factor in terms of discipline, the average percentage is 50%.

Keywords: Independent student learning, online learning, elementary school, covid-19

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INTRODUCTION

Student learning independence is still an obstacle (Isnaeni, et al., 2018). Various levels of difficulty experienced by students in independent learning ranging from lack of understanding of concepts to lack of learning motivation (Ng, et al., 2016). This affects the learning outcomes achieved and the character that is embedded far from targets and expectations (Dzhengiz, 2020). Independence is a thing or condition where students want to learn without depending on others (Hidayat, et al., 2020). Hasibuan, et al (2019) defines that independence is an aspect of personality that must be achieved in individuals to face challenges and achieve success in life which is indicated by an attitude of freedom, responsibility, consideration, feeling safe when different from others and creativity. Learning is a process within individuals who interact with the environment to get changes in their behavior. According to Ramdani, et al (2021) learning is a mental or psychic activity that takes place in active interaction with the environment that produces changes in knowledge, skills and attitudes. The interactions that occur during the learning process are influenced by the environment consisting of students, teachers, principals, teaching materials, and learning resources. Teaching and learning activities contain several components including objectives, lesson materials, teaching and learning activities, methods, tools and resources, and evaluation. The components of teaching and learning are interrelated and cannot be separated from one another, including independent learning. Likewise with students, students can do independent learning based on their own desires without coercion from

anyone, independent from others, have self-confidence, behave disciplined, have a sense of responsibility and exercise self-control.

Independent learning is carried out for several reasons, for example because the world is currently faced with an outbreak of a disease caused by a virus called Coronavirus Diseases or known as Covid-19. On January 30, 2020, WHO declared it a public health emergency of concern to the world. The impact of Covid-19 in Indonesia is currently quite large for the entire community. With the continued increase in positive cases of the corona virus in Indonesia, urging the Indonesian government to immediately deal with the Covid-19 pandemic by making various policies such as implementing physical distancing, PSBB (large-scale social restrictions), and lockdown.

According to information obtained by the researcher from the fifth grade teacher at SD Negeri 46 Mataram on Thursday, March 25, 2021, that the school at SD Negeri 46 Mataram held a meeting once a week to take independent assignments, especially grade V students entered on Thursday and the implementation of online or online learning at schools has been carried out, in online learning in class V, teachers usually use Whatsapp groups and Youtube. Supported by facilities that support online learning, besides that the teacher makes preparations before the learning process takes place. The fifth grade teacher also makes learning videos or downloads videos from the internet as a learning medium for students, and several times a week the fifth grade teacher conducts lessons through Whatsapp groups and Youtube to explain learning materials.

The results of research conducted by Gunawan, et al (2021); Hidayat, et al (2020) that students (students/students) are not quite ready to study online, the cause is due to study habits, and less supportive technology. Factors causing difficulties faced by students in online learning such as, the location of the house is not covered by the internet network, including minimalist student internet quotas, the learning media used by teachers is dominantly monotonous and makes students feel bored or bored, dominant learning is not interactive, character or behavior students are difficult to monitor, learning tends to be online assignments, assignments given to students pile up (Abbas and Hidayat, 2018).

Difficulties faced by students in learning from: the location of the house is not covered by the internet network, including the limited internet quota of students, the learning media used by the teachers is dominantly monotonous and makes the students feel bored or bored, the dominant learning is not yet interactive, the character or behavior of the students is difficult monitored, learning tends to be online assignments, assignments given by students pile up.

METHOD

This study uses a descriptive qualitative approach. In the opinion (Arikunto, 2013), descriptive research is research that is intended to investigate the circumstances, conditions or other things that have been mentioned, the results of which are presented in the form of a research report. Research that produces descriptive data in the form of written or spoken words from people and observed behavior.

This research was conducted at SD Negeri 46 Mataram. The subjects of this study were the principal, class teacher, fifth grade students and parents. Sources of data in this study are words and actions, the rest are additional data such as documents and others. The data collection instruments used interview questionnaires, observation sheets, and documentation studies. The indicators of student learning independence used in this study consisted of 5 aspects, namely: self-confidence, decision-making, responsibility, desire to compete for progress and discipline. Data analysis techniques consist of data reduction, data presentation, and drawing conclusions. As for the validity of the data test with data triangulation techniques. The triangulation technique in this study uses data triangulation and source triangulation, carried out by checking the data that has been obtained through the subjects, namely the principal, class teacher, parents and fifth grade students at SD Negeri 46 Mataram as an informant in this study.

RESULTS AND DISCUSSION

The results of research that has been carried out on fifth grade students at SD Negeri 46 Mataram, regarding student learning independence during the covid-19 pandemic. Shows that there are 6 students whose learning independence data is taken. Student Learning Independence in the Covid-19 Pandemic Period Case Study for Class V SD Negeri 46 Mataram grouped into 5 aspects, namely aspects of having self-confidence, Making Decisions, being responsible, having a competitive desire to advance, and discipline. Students that have observed indicators were marked with a check mark ($\sqrt{}$), while the opposite were marked with a minus mark (-).

Aspects of having self-confidence

The results of the analysis of learning independence on the aspect of self-confidence are presented in Table 1.

		Indicator		Average
Student's	Students are always	Students are confident	Students are confident in	Σ
name	confident in expressing	in answering questions	asking things they do not	
name	themselves during the	during the online	understand during the	
	online learning process	learning process	online learning process	
CAN	\checkmark	\checkmark	\checkmark	
BC	-	-	\checkmark	
CR	-	-	-	
DW	\checkmark	\checkmark	\checkmark	
LSR	\checkmark	-	\checkmark	
MR	-	-	-	
Amount	3	2	4	
Percentage	50%	33%	68%	50.33%

Table 1. Student Learning Independence: Having Self-confidence

Confidence in the aspect of building student confidence in expressing opinions related to the online learning process, seen in Table 1 which states that in indicator (1) the percentage of students always confident in expressing their opinions during the online learning process there are 3 students with a percentage of 50%. In indicator (2), the percentage of students who are confident in answering questions during the online learning process is 2 students, with a percentage of 33%. In indicator (3), the percentage of students who are confident in asking things they do not understand during the online learning process is 4 students, with a percentage of 68%.

Aspects in Making Decisions

The results of the analysis of learning independence in Making Decisions are presented in Table 2.

		Indicator		Average
Student's name	Students always make decisions in solving the problems given	Students are able to make decisions to look back at the answers given	Students are able to make decisions in compiling learning methods	Σ
CAN	-	-	\checkmark	
BC	\checkmark	\checkmark	-	
CR	-	-	\checkmark	
DW	\checkmark	-	-	
LSR	-	\checkmark	\checkmark	
MR	-	-	-	
Amount	2	2	3	
Percentage	33%	33%	50%	38.66%

Table 2 Independent Learning of Students: Making Decisions

Making decisions on the aspect of being able to time to look back at the answers that have been given, and being able to answer the questions given, can be seen in Table 2 which states that in indicator (1) the percentage of students who can complete compiling the questions given there are 2 students with a percentage 33%. In indicator (2) the percentage of students able to make decisions to review the answers given, there are 2 students, with a percentage of 33%. In indicator (3) students are able to make decisions in compiling learning methods, namely there are 3 students, with a percentage of 50%.

Aspects of being responsible

The results of the analysis of learning independence on the Aspects of being responsible are presented in Table 3.

Table 3 Student Learning Independence: In Responsibility

		Indicate	or		Average
Student's name	Students are always serious in participating in online learning	Students always collect assignments according to what has been	Students are able to participate in participating in group	Students are able to take responsibility for completing	Σ

		determined	discussions	assignments	
CAN	\checkmark	\checkmark	\checkmark	\checkmark	
BC	\checkmark	-	-	\checkmark	
CR	-	\checkmark	-	-	
DW	\checkmark	-	\checkmark	\checkmark	
LSR	-	\checkmark	-	-	
MR	-	\checkmark	-	-	
Amount	3	4	2	3	
Percentage	50%	68%	33%	50%	50.25%

In the aspect of responsibility in giving assignments according to a set schedule and giving questions to students during the online learning process, it can be seen in Table 3 which states that in indicator (1) the percentage of students who are always serious in participating in online learning there are 3 students with 50% percentage. In indicator (2), the percentage of students always collects assignments according to what has been determined, there are 4 students, with a percentage of 68%. In indicator (3) the percentage of students able to participate in participating in group discussions there are 2 students, with a percentage of 33%. In indicator (4) the percentage of students capable of being responsible for completing assignments there are 3 students, with a percentage of 50%.

Aspects of having a competitive desire to advance

The results of the analysis of learning independence on Aspects of having a competitive desire to advance are presented in Table 4.

		Indicator		Average
	Students always	Students are able	Students are able to find out	Σ
Student's name	take care of	to activate	things that have not been	
Student 5 name	themselves during	themselves during	understood during teaching	
	teaching and	teaching and	and learning activities	
	learning activities	learning activities		
CAN	-	-	\checkmark	
BC	\checkmark	-	-	
CR	-	-	\checkmark	
DW	\checkmark	\checkmark	-	
LSR	\checkmark	\checkmark	-	
MR	-	-	\checkmark	
Amount	3	2	3	
Percentage	50%	34%	50%	44.66%

Table 4 Independent Learning of Students: Having a Competitive Desire to Advance

In the aspect of the desire to compete to advance, students are able to maintain themselves, activate themselves and are able to find out, seen in Table 4 which states that in indicator (1) the percentage of students always takes care of themselves during teaching and learning activities there are 3 students with a percentage of 50%. In indicator (2) the percentage of students able to activate themselves during teaching and learning activities there are 2 students, with a percentage of 34%. In indicator (3) the percentage of students able to find out things that have not been understood during teaching and learning activities there are 3 students, with a percentage of 50%.

Discipline Aspect

The results of the analysis of learning independence on the Discipline Aspect are presented in Table 5.

Table 5 Stud	ent Learning Independence: Discipli	ne	
	Ir	ndicator	Average
Student's name	Students always prepare equipment before starting online learning	Students do not commit acts that violate the rules during the online learning	Σ
		process	
CAN	\checkmark	-	
BC	-	-	
CR	-	\checkmark	
DW	\checkmark	-	
LSR	-	\checkmark	
MR	-	\checkmark	
Amount	2	3	
Percentage	33%	50%	41.5%

In the aspect of discipline in preparing equipment during the learning process, it can be seen in Table 5 which states that in indicator (1) the percentage of students always preparing equipment before starting online learning there are 2 students with a percentage of 33%. In indicator (2) the percentage of students not committing acts that violate the rules during the learning process there are 3 students, with a percentage of 50%

Factors of Difficulty in Self-Study for Students during the Covid-19 Pandemic Case Study Class V SD Negeri 46 Mataram

Based on the results of data collection that has been carried out, it is obtained data related to factors that cause difficulties in student learning independence, researchers collect by arranging interview, observation, and documentation instruments. The factors that cause difficulties in student learning independence for each individual are different, furthermore, it can be seen in the Table 6.

Difficulty factors for Student Learning Independence: Have self-confidence

Factor Analysis of Students' Learning Independence Difficulty: Having self-confidence is presented in Table 6.

		Indicator		Average
Student's	Students are always	Students are confident	Students are confident in	Σ
	confident in expressing	in answering questions	asking things they do not	
name	themselves during the online	during the online	understand during the online	
	learning process	learning process	learning process	
CAN	\checkmark	\checkmark	\checkmark	
BC	-	-	\checkmark	
CR	-	-	-	
DW	\checkmark	\checkmark	\checkmark	
LSR	\checkmark	-	\checkmark	
MR	-	-	-	
Amount	3	2	4	
Percentage	50%	33%	68%	44.33%

 Table 6 Difficulty Factors for Students' Independent Learning: Have Confidence

The difficulty factor of confidence in the aspect of difficulty in building students' confidence in expressing opinions related to the online learning process, seen in Table 6 which states that in indicator (1) the percentage of students always confident in expressing their opinions during the online learning process there are 3 students with 50% percentage. In indicator (2), the percentage of students who are confident in answering questions during the online learning process is 2 students, with a percentage of 33%. In indicator (3), the percentage of students who are confident in asking things they do not understand during the online learning process is 3 students, with a percentage of 50%.

Difficulty Factors in Student Learning Independence: In Making Decisions

Factor analysis of the difficulty of student learning independence in making decisions is presented in Table 7.

Table 7 Factors of Difficulty in Students' Independent Learning: In Making Decisions

		Indicator		Average
Student's	Students always make	Students are able to make	Students are able to make	Σ
name	decisions in solving the	decisions to look back at	decisions in compiling	
	problems given	the answers given	learning methods	
CAN	-	-	\checkmark	
BC	\checkmark	\checkmark	-	
CR	-	-	\checkmark	
DW	\checkmark	-	-	
LSR	-	\checkmark	\checkmark	
MR	-	-	-	
Amount	2	2	3	
Percentage	33%	33%	50%	36.66%

The difficulty factor in making decisions on the aspect of difficulty in making decisions at the time of reviewing the answers that have been given, and being able to answer the questions given, is seen in Table 7 which states that in indicator (1) the percentage of students can complete compiling the questions. The questions given were 2 students with a percentage of 33%. In indicator (2), the

percentage of students able to make decisions to review the answers given is 3 students, with a percentage of 50%. In indicator (3) students are able to make decisions in compiling learning methods, namely there are 2 students, with a percentage of 33%.

Difficulty Factors in Student Learning Independence: In Responsibility

Factor analysis of the difficulty of student learning independence in responsibility is presented in Table 8.

		Inc	licator		Average
	Students are	Students always	Students are able to	Students are able	Σ
Student's	always serious	collect assignments	participate in	to take	
name	in participating	according to what	participating in group	responsibility for	
	in online	has been	discussions	completing	
	learning	determined		assignments	
CAN	\checkmark	\checkmark	\checkmark	\checkmark	
BC	\checkmark	-	-	\checkmark	
CR	-	\checkmark	-	-	
DW	\checkmark	-	\checkmark	\checkmark	
LSR	-	\checkmark	-	-	
MR	-	\checkmark	-	-	
Amount	3	4	2	3	
Percentage	50%	68%	33%	50%	45,75%

Table 8 Difficulty Factors for Students' Independent Learning: In Responsible

On the aspect of the difficulty factor in being responsible for giving assignments according to a set schedule and giving questions to students during the online learning process, it can be seen in Table 8 which states that in indicator (1) the percentage of students who are always serious in participating in online learning is there 3 students with a percentage of 50%. In indicator (2) the percentage of students always collects assignments according to what has been determined there are 3 students, with a percentage of 50%. In indicator (3) the percentage of students able to participate in participating in group discussions there are 2 students, with a percentage of 33%. In indicator (4) the percentage of students capable of being responsible for completing assignments there are 3 students, with a percentage of 45,75%.

Difficulty Factors in Student Learning Independence: In Having a Competitive Desire To Advance

Factor analysis of the difficulty of student learning independence in having a competitive desire to advance is presented in Table 9.

Table 9 Difficulty Factors for Students' Independent Learning: In Having a Competitive Desire To Advance

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		Indicator		Average
Student's	Students always take	Students are able to	Students are able to find out	Σ
name	care of themselves	activate themselves	things that have not been	
name	during teaching and	during teaching and	understood during teaching	
	learning activities	learning activities	and learning activities	
CAN	-	-	\checkmark	
BC	\checkmark	-	-	
CR	-	-	\checkmark	
DW	\checkmark	\checkmark	-	
LSR	\checkmark	\checkmark	-	
MR	-	-	\checkmark	
Amount	3	2	3	
Percentage	50%	34%	50%	38.66%

In the aspect of the difficulty factor in having a competitive desire to advance, students find it difficult to maintain themselves, activate themselves and be able to find out, seen in Table 9 which states that in indicator (1) the percentage of students always takes care of themselves during teaching and learning activities there are 2 students with a percentage 33%. In indicator (2) the percentage of students able to activate themselves during teaching and learning activities there are 2 students during teaching and learning activities there are 2 students with a percentage of 34%. In indicator (3) the percentage of students able to find out things that have not

been understood during teaching and learning activities there are 3 students, with a percentage of 50%.

The analysis of the difficulty of learning independence for students having discipline is presented in Table 10.

	Indica	Average	
Student's	Students always prepare	Students do not commit acts	Σ
name	equipment before starting online	that violate the rules during the	
	learning	online learning process	
CAN	\checkmark	-	
BC	-	-	
CR	-	\checkmark	
DW	\checkmark	-	
LSR	-	\checkmark	
MR	-	\checkmark	
Amount	2	3	
Percentage	33%	50%	50%

 Table 10 Difficulty Factors for Students' Independent Learning: Have Discipline

In the aspect of discipline in preparing equipment during the learning process, it can be seen in Table 10 which states that in indicator (1) the percentage of students always preparing equipment before starting online learning there are 3 students with a percentage of 50%. In indicator (2) the percentage of students not committing acts that violate the rules during the learning process there are 3 students, with a percentage of 50%.

CONCLUSION

It was found from the results of research at SD Negeri 46 Mataram that it can be concluded that student learning independence is in the aspects: Aspects of having self-confidence, it can be concluded that independent learning students are able to ask things they do not understand during the online learning process to get a percentage of 50.33%. Aspects in making decisions, it can be concluded that students' learning independence is able to develop learning methods to get a percentage of 38.66%. Responsible Aspect, it can be concluded that independent learning Students always collect assignments according to a predetermined time to get a percentage of 50.25%. Aspects Having a competitive desire to advance, it can be concluded that students' learning independence is able to find out things that have not been understood and students always maintain themselves during teaching and learning activities to get a percentage of 44.66%. Aspects of discipline can be concluded that students do not commit acts that violate the rules during the online learning process get a percentage of 41.5%. It was found from the results of research at SD Negeri 46 Mataram that it can be concluded that the difficulty factor in student learning independence during the covid-19 pandemic is in the aspects: the difficulty factor of students' learning independence in having self-confidence, it can be concluded that students have difficulty expressing opinions and students the difficulty of asking things that they did not understand during the online learning process got a percentage of 44.33%. the difficulty factor for students' learning independence in making decisions, it can be concluded that students have difficulty in making decisions to look back at the answers given to get a percentage of 36.66%. the difficulty factor for students' learning independence in being responsible, it can be concluded that students have difficulty seriously in participating in learning, students have difficulty in collecting assignments according to a predetermined schedule, students find it difficult to be responsible for completing assignments getting a percentage of 45.75%. difficulty factor in student learning independence Having a competitive desire to advance, it can be concluded that students have difficulty finding out things that have not been understood during teaching and learning activities to get a percentage of 38.66%. The difficulty factor for learning independence in discipline can be concluded that students have difficulty preparing equipment before starting online learning, students commit acts that violate the rules during the online learning process to get a percentage of 50%.

RECOMMENDATION

Teachers must be able to implement the basic principles of teaching skills, one of which is holding variation skills. The variation of learning carried out by the teacher can carry out at least three parts, namely variations in teaching styles, use of media, and patterns of interaction.

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