Application of Know Want Learning How "KWLH" Techniques to Improve Activities and Learning Outcomes of the Social Subject

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Abstract—The Physical education in early childhood could provide more chances for student to develop their physical ability and motoric development by a variety of physical exercise. This research aims to develop an ideal lesson plan of physical education which is suitable and worthwhile for early childhood student to develop their physical fitness. The research involved 20 kindergarten students (Age ± 6 years old) in to 6 times physical education meetings that was conducted using Dick and Carey systematic approach. There are three research instruments that were used in this study, which are one leg stand in balance test, horizontal jump in power test, and hopscotch performance in coordination test. As the result, there are significant difference between pretest and posttest (significant value < 0.05 %) in every dependent variable. In conclusion, the implementation of such instructions to increase early childhood physical fitness components worked effectively. The instructional objectives were accomplished completely and significantly.

Keywords— physical education; early childhood; kindergarten

I. INTRODUCTION

In the education of the world, Learning is a component that momentously, since with good and effective learning, therefore success in a learning performing will high. [1] Environmentally learning which effective is get to utilize studying source our around to be utilized in the teaching and learning process so gets to increase success in learning. Create environmentally studying which well and effective according to a statement [2]

As to establish effective studying environment make the educative participant, be active, the educator shall get to utilize concrete learning media and exact learning method [3].

Base on observation result that researcher does at State Elementary school of First Kemangsen. Balongbendo's district Sidoarjo's Regency, there is some constraint in processes teaching and learning. Educator as teaching is still used discourse method just so students in active processes of teaching and learning be passive and science about material which be taught circumscribed according to science which had by the educator. [4] Educator doesn't use the media learning so the student is less understanding from explaining of the teacher. Students feel bored with the narrow and limited classroom, it can be seen when the teacher explains the material, there are still students who talk to their seatment and there are still students unfocus so they see the right and left.

The learning utilizes the environment as a learning resource that can overcome the student boredom and give an enjoyable atmosphere for student [5]. Based on observational result that done by researcher on pre-cycle by third grade student of Elementary school of First Kemangsen Balongbendo's district Sidoarjo's Regency that is the percentage of the student classical complete just as big as 50%, it hasn't reached the student minimal criterion is =80% and for individual thoroughness just as big as 45%, so it hasn't reached the student minimal criterion is as =80%.

Finally, Researcher will apply tech of KWLH to increase activity and the student learning result. The learning tech is developed by [6], a Collaborative learning implementation that uses graphics pilotage (Graphic Organizer). The tech of KWLH has 4 Know Want Learning How're steps that have a purpose to utilize environment as a source of the student studying. [7] In this case is utilized environment as the source of studying as museum search, searching Internet, study tour, archaeology, concrete object, observation is in the studying source such as market, library, a cooperative society, canteen, hospital and the other places that can be observed corresponds to learning material. The tech of KWLH gives the opportunity of the student to find new knowledge without the instruction of teacher to utilize environment as the source of studying and helps the student to increase activity in processes teaching and learning [8].

II. METHOD

2.1 General Background of Research

The research is executed at State Elementary school of First Kemangsen. Balongbendo's district Sidoarjo's Regency. The research subject the third-grade student of State Elementary school of First Kemangsen in the Social subject in 2016 / 2017 years. The Observational type that utilized by the researcher is CAR (Classroom Action Research) in educational and Social subject learning that has a purpose to get activity or action data that found within the class and to fix learning process at a class in elementary school [9]. CAR has

severally phase such as planning, action, observation, and reflection. There is the phase for utilized in Classroom Action Research that researcher utilizes model then developed by [10] and explained by [11]

2.2 Sample of Research

State Elementary school of First Kemangsen Balongbendo's district Sidoarjo's Regency is beside highway of Krian Balongbendo road that easy arrived by student and student's parent if study at State Elementary school of First Kemangsen. There are 12 teachers that consisting of 7 Civil Servant included headmasters and 5 Non-Civil Servant. The School has to study source such as Co-op, Library, Canteen, Medicine Room, Laboratory.

2.3 Instrument and Procedures

The observational procedure consists of two cycles or more in which each cycle is performed 2 meet times. Each cycle has four steps such as 1) planning are researcher plan anything who will be taught about the problem and problemsolving. The researcher instrument are Syllabus, Lesson Plan Module, Student observation sheet, Learning media, Evaluation test of objective and subjective, [14] 2) Actions are an action that done by researcher to fix about problem appear, 3) observations are collecting and registry database on action has done up to teaching and learning process, and 4) reflection are action researcher to evaluate with observer and colleague friend base on data was collected up to teaching and learning process performing [12]. The researcher tech to collect data utilizes Essay Tech, questionnaire tech, and Documentation Tech.

2.4 Data Analysis

Analysis data that utilized by the researcher are analysis qualitative and quantitative data [13]. Qualitative data is a collection of data of pictured from student expression as narasi aims to measure student grasp level or student cognitive aspect student[14]. Analysis of quantitative data is to look for value result of student that can be researched with descriptive. The complete of Student is said completely if up to value as big as>75 that established by State Elementary school of First Kemangsen. Balongbendo's districts Sidoarjo's Regency. There is the formula even acquisition assesses to test, according to [15]which is

 $Value = \frac{Value Acquired}{Value Maximal} x \ 100$

Specified of the complete classical by State Elementary school of First Kemangsen. Balongbendo's districts Sidoarjo's Regency is as big as 80%. The formula to know the complete percentage of learning result according to [16] as follows.

Classical Complete =
$$\frac{Student has complete}{Total Student} \times 1000$$

The formula for calculating student activity, according to [1]

Student Activity= $\frac{\text{Totaly Score which is obtained}}{\text{Maximum Totaly Score}} = 100\%$

III. RESULTS AND DISCUSSIONS

The results are presented in table 1 and table 2 which will be explained as follows :

Table 1	
Data of Student Activity Improvement is in 1st, 2nd, and	3 rd

	Cycle				
No	Aspects	Average Score			
	Observed	1 st	2^{st}	3 st	
		Cycle	Cycle	Cycle	
1	(Know)	88	88	100	
	Early student				
	knowledge				
2	(Want)	75	75	75	
	Listening				
	Activity				
3	(Learning)	88	100	88	
	Question and				
	Answer				
	Activity				
4	(How)	63	75	100	
	Utilizing the				
	environment as				
	a learning				
	resource				
	Team Work	50	88	88	
	activity				
	Presentation	75	75	88	
	Activity				
	Mental	50	75	88	
	Activity				
	Oral Activity	75	75	88	
	Total	564	651	702	
	Percentage %	70,5	81,3	87,7	

Based on data in table 1, that on the 1st cycle the percentage of student activity success is 70%. Aspects of how in teamwork activity there are still some passive students in discussions with their teammates. Some teams are discussing the group observation tasks given by the teacher. Aspects of How in the mental activity of student there are still some students who are passive not the daring asking question to the teacher and in the presentation never participate in answering questions posed by friends of another team. In the 2nd cycle, the percentage of student activity success increased to 81%. Aspects of How in the oral activity there are still students who still use informal language and there are still students who speak with their seatmate. In the 3rd Cycle, the percentage of student activity success increased to 88%. On the Aspect of Want in listening activity, students sometimes are unfocused on the lessons explained by the teacher.

	Ta	ble 2		
Data for Student I	Learning Re	esult is in 1 st	, 2 nd , and 3	rd Cycle
	1 st 0 1	and C 1	and C 1	

	1 st Cycle	2 nd Cycle	3 rd Cycle	
Total	1.530	1.729	1.756	
Average of Class	77	86	88	
Students Total	12	15	18	
Total of Student	8	5	2	
is not complete				
Complete	60%	75%	90%	
Percentage %				

Based on the 2nd table above, student learning result has increased in each cycle. That is proved by the percentage of student learning result on 1^{st} cycle reach 60% while on 2^{nd} cycle have increased be 75%. In addition, on the 3^{rd} cycle also have increased be 90%.

IV. CONCLUSION

Based on the analysis, the research result and discussion can be concluded as follows:

- 1. Based on the learning result by the application of Know Want Learning Techniques in the third grade with materials of sale and purchase in each cycle has increased. The 1st, 2nd and 3rd cycles show increasing with the completeness of student cognitive learning result. The 1st cycle is 60%, increased to 75% on 2nd cycle and 90% on 3rd cycle.
- 2. Student activity during the learning process by applying Know Want Learning How Technique in third grade the material of buying and selling happened on 1st, 2nd, and 3rd cycle. In the 1st cycle get a percentage of 70%, 2nd cycle get percentage equal to 81% and the 3rd cycle gets percentage equal to 87%.

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