

The Relationship between Video Media and Song Movement with increasing knowledge about WHWS among student at the Klabat Pantecostal Church School

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Abstract

This study aims to determine increased knowledge in elementary school students' about CTPS using video media and song movements for GP Klabat elementary school students. The researcher used a questionnaire given to 30 students in grades IV, V and VI of SDGP Klabat. This research is a quantitative research that is descriptive with pre and posttest methods. The average knowledge of students before being given the intervention was 51.8. The lowest value is 31 and the highest is 100 after being given the intervention with video media. The average is 92.07. The lowest value is 69 and the highest is 100. As for motion and song, the average result is 94.43. The lowest score is 71 and the highest is 100. In the independent t-test, both of them have a significant value of 0.00, which means they have an effect on increasing student knowledge.

Keywords : level of knowledge, video media, songs and movement media

INTRODUCTION

In determining level performance Study student so health students and the environment school really important. One of the school's programs that aims For increase health, quality education and achievement Study participant reflected learner in life behavior life clean and healthy (PHBS) and the environment healthy school so that can possible participant educate experience optimal growth and development viz through the School Health Business Program (UKS) (Kemendikbudristek, 2022). UKS has programs such as education health, service health, coaching environment health and UKS/M management. PHBS is one from educational programs health in it give education health like use latrine, habituation Washing Hands with Soap (CTPS), Adequate and sufficient drinking water, Management waste, healthy, nutritious and hygienic food and snacks and Management Cleanliness Menstruation (Kemendikbudristek, 2022)

Mustard 2018 mention _ that school No only Haris become dedicated education center For learning field academy course, but must become supportive place role in providing education in formation behavior student. Kartika (2016) explains that behavior poor health in children can bring various type disease one of them is diarrhea. Based on P2M data from the Ministry of Health year 2022 incident diarrhea throughout world reached 2 billion every year and 1.9 million child die Because diarrhea. Guard cleanliness hand is action simple and part most important as form service health because can reduce risk happening various disease including infection. Wash hand with good and true or known with CTPS is one indicator behavior life clean and healthy on the order school, the goal is For protect participant educate from various disease like diarrhea and diseases of the urinary tract breathing (Ministry of Health, 2018).

Based on Riskesdas data 2018 , prevalence national behavior wash hand with Correct use soap on occupation 10 years old is 49%. Whereas For north Sulawesi province with group same age or more Still low i.e. 40%. Nurhayati in 2022 explained that wash hand is a discard process dirt and dust in a manner mechanical from second split hand with method use soap and running water . But, in fact Still Lots unborn child _ know method wash hand with good and right . because _ it is necessary exists education health about method wash good and true hands as action add knowledge student as well as change behavior .

Educational program goals health If done with effective so will push happening change behavior (Kurnianingsih , 2019). Tidwell 2020 stated that there is a number of methods and media used in a manner simultaneous can influential in delivery effective and impactful messages happening change knowledge and behavior that is like method lectures , discussions , demonstrations and simulations .

At age children you need the right medium for the submission process message because child more Like imagine so the medium is right for the submission process message to children is using video media because in the packaged video become interesting , sound , use pictures and animations will become attention for child (Utari, . Thereby case with movement media and songs wash hands are also effective according to Early 2022 because motion and song will be very creative If done in a manner together . The concept too easy For applied , simple as well as can develop ability child .

Pentecostal Church Elementary School Klabat (SDGP Klabat) is one of them school from 3 schools base in the village clabat with amount student class IV, V and VI namely 30 students . Based on survey beginning found a number of information from students , teachers and heads school that is during This Not yet ever someone did socialization about wash good and true hands , some student No Can mention steps wash hands and there a number of case diarrhea in students in 2022. Based on matter here it is so researcher interested For do Enhancement Knowledge Student Elementary School About CTPS Using Video Media And Song Movement.

RESEARCH METHODS

The research method used in study This is study studies difference between mean and use one group pretest – posttest design for see change level knowledge student to wash hand using video media with method movements and songs for SDGP Klabat students . Whereas For see comparison change level knowledge student by two methods the so paired t-test and independent t-test were used .

Variable in study This that is level knowledge measured students with use questionnaire with before and after gift intervention with criteria Good If capable answer question $\geq 85\%$, Enough If answer questions 70-84% and less If answer question $\leq 69\%$, video method ie audio-visual method that contains about method wash hand with right and method motion and song that is combining method between song sung together together with movement that contains about method wash hand with right .

Study This will be held in January – February 2023 for students / i class IV, V and VI SDGP Klabat . Population in study This totaling 30 people and methods sampling that is Total Sampling.

RESULTS AND DISCUSSION

Based on results distribution frequency based on type categorized sex in type sex male and female , based on age categorized in ages 9 years , 10 years , 11 years and 12 years and distribution frequency based on class that is grades 4, 5 and 6.

Table 1 Distribution Frequency by Gender

Gender	Amount	Percentage
boy	19	63%
Woman	11	37%
Amount	30	100%

Table above showing that of 30 respondents type sex man more Lots compared to type sex Woman that is type sex man as much as 63% meanwhile Woman as much as 37%.

Table 2 Distribution Frequency based on Age

Gender	Amount	Percentage
9	5	17%
10	10	33%
11	11	37%
12	4	13%
Amount	30	100%

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Data above showing that category age the most is 11 years old with total 11 respondents or 37%, followed with 10 years old with the number of 10 respondents or 33%, next 9 years old with the number of 5 respondents or 17% and the least is 12 years old with total 4 respondents or 13%.

Table 3 Distribution Frequency based on Class

Gender	Amount	Percentage
4	6	20%
5	12	40%
6	12	40%
Amount	30	100%

Based on this it is seen that amount respondent grades 5 and 6 have amount the same respondent is respectively 12 respondents and 20% of respondents with least amount that is 4th grade with total 6 respondents.

Analysis test results univariate that is results pre test and post test on the level knowledge about wash hand use video methods and results pre test and post test use method motion and song.

Table 4 Knowledge Level Pre test To Hand Washing

Knowledge	Frequency	Percentage
Good	1	3.3%
Enough	6	20%
Not enough	23	76.7%
Amount	30	100%

Table above showing that Pretest level results knowledge to wash most hands are in category not enough namely 76.7% or 23 respondents whereas For category Enough amounting to 20% or 6 people and those who own category Good namely 3.3% or 1 person.

Table 5 Post test Knowledge Level Using the Video Method

Knowledge	Frequency	Percentage
Good	20	66.7%
Enough	10	33.3%
Not enough	0	0
Amount	30	100%

Post test results level knowledge use video method as in the table above that is No There is category knowledge less and only there is category Good with results the most namely 20 respondents or 66.7% and categories enough 10 respondents or 33.3%.

Table 6 Post test Knowledge Level Using the Movement and Song Methods

Knowledge	Frequency	Percentage
Good	23	76.7%
Enough	7	23.3%
Not enough	0	0
Amount	30	100%

Post test results level knowledge use method motion and song that is category Good as many as 23 respondents or 76.7% and is category the most followed with category Enough with total 7 respondents or 23.3%. whereas For category not enough own result 0 which means No There is respondent own knowledge category less.

Analysis results bivariate that is analyze level knowledge before and after given intervention Good with video method as well intervention with use method motion and song.

Table 7 Knowledge Level Analysis About Washing Hands Using the Video Method

Knowledge Hand Washing	Knowledge Level						Total %
	Good		Enough		Not enough		
	n	%	n	%	n	%	
<i>Pretest</i>	1	3.3	6	20	23	76.7	100
<i>Posttest</i>	20	66.7%	10	33.3	0	0	100

Table above showing that level knowledge before and after given education health through video method has difference that is category level knowledge Good the pretest results were 1 respondent and the posttest results increased to 20 respondents. For category knowledge Enough found that the pretest

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was 6 respondents and the posttest increased to 10 respondents . Whereas For knowledge not enough pretest results as many as 23 respondents down to 0 respondents .

Table 8 Distribution of Knowledge Pretest and Posttest

	N	Min	Max	Means	SD	Median	95%CI
<i>Pretest</i>	30	31	100	51.8	21,520	44.00	43.76-59.84
<i>Post Videos</i>	30	69	100	92.07	7,692	94.00	89.19-94.94
<i>Post GL</i>	30	71	100	94.43	6,355	94.00	92.06-96.81

Based on table on so found that average knowledge student before given intervention through video media and Motion Song is 51.8. Lowest value i.e. 31 and the highest is 100. The median value ie 44.00 with standard deviation of 21,520 and the results of 95% confidence interval (CI) knowledge student about wash hand is between 43.73 to 59.84 . Next result after given intervention with the media Video then found that 92.07. Lowest value i.e. 69 and the highest is 100. The median value ie 94.00 with standard deviation 7,692 and the result is 95% confidence interval (CI) knowledge student about wash hand is between 89.19 to 94.94 . whereas For results after given intervention form motion and song so found the average result is 94.43. Lowest value i.e. 71 and the highest is 100. The median value ie 94.00 with standard deviation of 21,520 and the results of 95% confidence interval (CI) knowledge student about wash hand is between 92.06 to 96.81 .

Table 9 Data Distribution of Paired T-test Analysis on Video Media and Song Motion

Intervention	Mean	Average Difference		t Count	P-value
	Pre and Post	(CI) 95% Lower	Upper		
Videos	-40,267	-48,728	-31,805	-9,733	0.000
Motion Song	-42,633	-50,995	-34,272	-10,428	0.000

In table 9 shows that results the P-Value value of video media is 0.000 and for motion media song own same value i.e. 0.000. this result show that the P-Value value ≤ 0.05 which means there is influence enhancement knowledge student against CTPS is good using video and motion media song .

Table 10 Distribution of Analysis Data Independent T-test On Video Media and Song Motion

Analysis Independent T-test of changes score knowledge	Means	Average Difference	95% CI	P-value
	Videos	92.07	-40,267	-48,619—31,914
Motion Song	94.43	-42,633	-48,727—31,807	0.000

Based on table on so concluded that there is change level knowledge on the pre and posttest ie for video media for 92.07 and for motion song of 94.43. the average difference between the two media is -40.267 for video and -42.633 for motion media song with mark significant of 0.00 which is more big from 0.05 up can concluded that there is change score knowledge students on video media and motion media song .

Knowledge level student before and after given intervention in the form of video and motion media song experience increase . Before given intervention level knowledge with category not enough totaling 23 students whereas after given intervention in the form of video and motion media lags, rate knowledge not enough to 0. Research results This in line with research conducted by Sayuti, et al year 2022 in his research found that there is difference knowledge before and after given video intervention . Notoadmodjo 2007 in Aeni, et al (2018) mentions that knowledge is results sensing man or results know man through owned senses Good eyes , nose , ears and so on are affected by various factor like experience , education , verbal instruction and acceptance verbal information from party others , occupation , age , information and media.

Difference Knowledge Before and After Intervention

Based on results study This found that average knowledge student before given intervention through video media and Gerak Lagu experience difference that is 51.8. Lowest value i.e. 31 and the highest is 100. The median value ie 44.00 with standard deviation of 21,520 and the results of 95% confidence interval (CI) knowledge student about wash hand is between 43.73 to 59.84 . Next result after given intervention with the media Video then found that 92.07. Lowest value i.e. 69 and the highest is 100. The median value ie 94.00 with standard deviation 7,692 and the result is 95% confidence interval (CI)

knowledge student about wash hand is between 89.19 to 94.94 . whereas For results after given intervention form motion and song so found the average result is 94.43. Lowest value i.e. 71 and the highest is 100. The median value ie 94.00 with standard deviation of 21,520 and the results of 95% confidence interval (CI) knowledge student about wash hand is between 92.06 to 96.81 .

Next If seen based on test results paired t-test then found that results the P-Value value of video media is 0.000 and for motion media song own same value i.e. 0.000. this result show that the P-Value value ≤ 0.05 which means there is influence enhancement knowledge student against CTPS is good using video and motion media song . Research results This in line with research conducted by Setiani 2020 in his research that is ranking average results control group with group intervention using video media , namely the average rating more control group low compared to with group intervention .

In research This aim For increase level knowledge student against CTPS in students school basic . CTPS is very important For known and understood the ways in which students can spared from all disease infection so that can increase performance Study without being hindered by disease . Yudhi (2010) explains that the use of video media has more impact on counseling health with depend on hearing and sight from target , interesting so that the message conveyed over fast and easy remember and get developed .

Same thing with movement media and songs in research conducted by Mayar in 2022 regarding the influence of learning videos motion and song For increase physique motor skills in children that is Skills motor child increase from an average of 50.25% rose to 86.81%. this caused Because Skills motor the child shown by the child during given action research seen from various characteristics including coordination eyes and hands For do movement , accuracy and precision stimulation sensorimotor , imitation movement manipulative as well as express self .

Difference The average increase in knowledge of video media and song motion

On testing independent T-test obtained that there is significant difference between the two media . Based on results on testing the found that both video media and motion media and songs both of them have result effective . The results of research conducted by Anifah 2020 in his research about influence education health obtained through video media that level knowledge teenager daughter increase with he did education health through the medium of videos. Study This different with research conducted by Hanif in 2018 shows that video media can be increase knowledge student with mark significant 0.465. Thereby case with movement media and songs in study This found that there is enhancement significant knowledge. this in line with research conducted by Kumiawati 2020 with results that is there is enhancement knowledge in students with using songs as media for children 5-6 years old . from both media so found the biggest change level knowledge are motion media and songs .

CONCLUSION

Deep conclusion study This is answer objective in study This that is know level knowledge student school base about CTPS using video and motion media song .

Average knowledge student before given intervention is 51.8. Lowest value i.e. 31 and the highest is 100 after given intervention with the average Video media to be 92.07. Lowest value i.e. 69 and the highest is 100. Meanwhile , motion and song so found the average result is 94.43. Lowest value i.e. 71 and the highest is 100. Based on results both of them own mark significance of 0.000. So that can concluded that there is increase in average rate knowledge with use both media and the highest change level his knowledge are motion media and songs .

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