Abstract

In the Covid-19 pandemic situation, learning in schools has been hampered, and one of them is PPKN lessons. The alternative used by PPKN teachers at YAS Sindangkerta High School in learning is to use WhatsApp media. The purpose of this study was to determine the influence of the use of WhatsApp media during the Covid-19 pandemic on PPKN lessons at YAS Sindangkerta High School. The research method used is quantitative descriptive research with survey methods, as well as data collection using questionnaires. The sample in this study amounted to 33 students with a total population of 217 students. The results of the study were seen from the Hypothesis Test t which showed that the significance value of WhatsApp media use in the coefficients table of 0.001 was smaller than 0.05. It can be concluded that the use of WhatsApp media during the Covid-19 pandemic has an effect on being used in PPKN learning. The result of the Correlation Coefficient test is a Pearson Correlation value of 0.543 which means that the degree of correlation between the two variables is moderate.

Keywords: whatsapp, learning, PPKN

INTRODUCTION

Improving one's standard of living or making progress forward is the goal of education. Learning is a cognitive habit that requires acceptance of conditions that would cause a behavior modification or disposition to take action, and it is an interaction that involves a relationship between the teacher and the student. Civic Education is a necessity at all levels of education. According to Afriansyah (2019), civic education is a science that studies preparing individuals to exercise their rights and obligations as Indonesian citizens in accordance with Pancasila and the 1945 Constitution. Human rights, ethnicity, religion, race, and intergroup relations are just a few of the topics covered in civic education, among many more. It's also worth your time to learn everything you can about being a responsible citizen. Usually students who pay little attention or do not understand the material taught at the time ppkn is introduced struggle academically. Therefore, it is necessary to take steps to improve the learning environment, one of which is the application of learning media.

When assessing how well classes are taught and learned, media is an important resource. The Latin root of the medium is "medium", which means "intermediary" or "introductory." According to the Pustekom of the Ministry of Education and Culture, the media functions as an intermediary, or messenger, between the originator of the message and the intended audience (Ramli, 2012). Meanwhile, Heinich et al. (1982) argue, the term "medium" refers to an intermediary between information providers and information consumers (Rohani, 2021). Based on what has been discussed so far, it is clear that
The Effect of Using WhatsApp Media during the Covid-19 Pandemic on PPPKN Learning

(Research at YAS Sindangkerta High School West Bandung District)

Ernandia Pandikar, Edy Sofyan, Yayang Suryani

educators use various forms of media as a means of communicating with students and facilitating their learning.

The use of media into the teaching and learning process is very important. Simply put, the active participation of students in the learning process is essential for final success. You can speed up and improve the quality of your learning if you use the right learning media. Effective learning is student-centered learning. Since students are the focus of education, involving them in the learning process is an excellent approach to providing them with practical training. It is possible to improve students' memory of the subject matter through the use of learning media based on information and communication technology.

One of the media of the digital era is the WhatsApp application which is hereinafter abbreviated as WA. People of different ages and backgrounds use WhatsApp to communicate with each other. WhatsApp is a messaging program that allows users to communicate with each other text, images, voice memos, location updates, videos, and video calls through any compatible smartphone, as explained by Anwar and Riaedi (2017:3) in (Tambunan, 2021). WhatsApp according to Jumiatmoko (2016) in Lestari, 2021 is a form of instant messaging technology such as SMS that utilizes internet connectivity and has more exciting features. It is the most used social media site for exchanging messages.

What has been discussed so far proves that WA is an easy-to-use chat app with some very interesting additional capabilities. To enable the educational use of WhatsApp Messenger. Countries around the world, including Indonesia, are implementing physical distancing including working from home and staying at home after the World Health Organization (WHO) acknowledged a global outbreak of COVID-19. As traditional classroom teaching is now unworkable, all levels of education (including K-12 and higher education) will begin using online resources in March 2020. The term "online learning" refers to a type of education in which students and teachers interact through digital media. medium (Sadikin & Hamidah, 2020). Using the internet as a means of learning is referred to as "online learning" (Mustami et al., 2021; Nakayama et al., 2021). From some of the opinions above, it can be concluded that online learning is a learning technique using IT-based media that allows students and teachers to interact in learning.

During online learning, students interact with teachers as well as their peers using various online media and communication platforms. Zoom videos, Google Meet, Google Classroom, Edmodo, Quipper, and more. However, both students and educators face a variety of challenges. One of them is the absence of adequate internet network support, making it difficult to access the programs that you actually want to take advantage of. Students will be more motivated to complete reading assignments and other schoolwork if they have access to media that interest them in learning. Furthermore, students need access to a medium that provides a clear and understandable explanation of the content. Therefore, it is very important to find online learning resources that are friendly to students and teachers, such as the WhatsApp messaging service.

Many students, from elementary school to college, use WhatsApp as a means of online education. One of the WhatsApp functions that can be used for educational purposes is the WhatsApp Group. A WA group allows its customers to conduct group discussions in a centralized location. You can use WA Groups to organize study groups based on whatever subject you're studying. Group WA is an online classroom where teachers and students can collaborate in a seamless environment.

Some educational institutions have chosen to use WhatsApp as a platform for distance education in the time of the COVID-19 pandemic. This motivated the author to research the influence of WhatsApp media as a means of online learning, especially in PPPKN subjects at YAS Sindangkerta High School.
RESULTS AND DISCUSSION

Result

Normality Test

A normality test is performed to see whether the residual value spreads normally or not. In this study, the Kolmogorov-Smirnov normality test was used with SPSS Statistics version 28 and the rule that the residual value is normally distributed if the significance value is greater than 0.05. In contrast, the residual value is not normally distributed if the significance value is less than 0.05. Normality test results are listed below.

<table>
<thead>
<tr>
<th>One-Sample Kolmogrov-Smirnov Test</th>
<th>Unstandardized Residual</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>E33</td>
</tr>
<tr>
<td>Usual</td>
<td>Mean</td>
</tr>
<tr>
<td>Parameters a</td>
<td>Std. Deviation</td>
</tr>
<tr>
<td>Absolute</td>
<td>.080</td>
</tr>
<tr>
<td>Positive</td>
<td>.063</td>
</tr>
<tr>
<td>Test Statistics</td>
<td>- .080</td>
</tr>
<tr>
<td>Asymp. Sig.</td>
<td>.080</td>
</tr>
<tr>
<td>Monte</td>
<td>.200 ^ 4</td>
</tr>
<tr>
<td>Carlo Sig.99% Confidence Lower Bound</td>
<td>.853</td>
</tr>
<tr>
<td>Interval</td>
<td>.843</td>
</tr>
</tbody>
</table>

Based on table 1, it is known that the normality test has a significance value of 0.862 > 0.05 which means that the data is normally distributed.

Homogeneity Test

In addition to the normality test, the homogeneity test is another requirement that researchers must meet before running a statistical test. The purpose of the homogeneity test is to ensure that the data sets used in a series of analyses do come from populations that are not too different from each other. For more, see the table below.

<table>
<thead>
<tr>
<th>Levene Statistics</th>
<th>DF1</th>
<th>DF2</th>
<th>Sig.</th>
</tr>
</thead>
<tbody>
<tr>
<td>.871</td>
<td>9</td>
<td>5.214</td>
<td>.596</td>
</tr>
</tbody>
</table>

The hypothesis proposed is as follows:

$H_a : \text{If } \text{sig } < 0.05 ; \text{ then data homogeneous}$

$H_0 : \text{If } \text{sig } > 0.05 ; \text{ then data inhomogeneous}$

Source: primary data calculation results using SPSS statistics 28
From the output above, it can be seen that the significance value for PPKN learning is 0.596 > 0.05. So it can be concluded that PPKN learning data has the same variant.

**Hypothesis Test**

Hypothesis testing is performed to see if independent variables can actually affect dependent variables. The test is carried out on the basis of the following theory:

Ha: There is an influence of the use of WhatsApp media on PPKN learning during the Covid-19 pandemic.

H0: There is no influence of WhatsApp use on PPKN learning during the Covid-19 pandemic.

In this study, researchers used SPSS version 28 with the following conditions:

Ha : If sig < 0.05 ; then accepted

H0 : If sig > 0.05 ; then rejected

Based on the submission of the hypothesis above, the following values can be obtained:

**Table 3. Hypothesis Test**

<table>
<thead>
<tr>
<th>Coefficients</th>
<th>Unstandardized Coefficients</th>
<th>Standardized Coefficients</th>
<th>t</th>
<th>Sig</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Std. Error</td>
<td></td>
<td>.920</td>
<td>.364</td>
</tr>
<tr>
<td>1 (Constants)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Effect of WhatsApp Media Use (X)

<table>
<thead>
<tr>
<th>Coefficient</th>
<th>Sig. (2-tailed)</th>
<th>N</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>.546</td>
<td>.152</td>
<td>33</td>
<td></td>
<td>.001</td>
</tr>
</tbody>
</table>

Based on table 3, it can be seen that the significance value of the influence of WhatsApp media use on the coefficients table is 0.001 < 0.05. So it can be concluded that the use of WhatsApp media has an effect on PPKN learning.

**Correlation Coefficient**

To find out the degree of relationship between the variable X and the variable Y, a correlation coefficient test is carried out. The results of the correlation coefficient test are presented in table 4.

**Table 4 Correlation Coefficients Test**

<table>
<thead>
<tr>
<th>Correlations</th>
<th>Effect of WhatsApp Media Use (X)</th>
<th>Learning PPKN (Y)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garbler Use of WhatsApp Media</td>
<td>Person Correlation</td>
<td>N</td>
</tr>
<tr>
<td>Learning PPKN</td>
<td>Person Correlation</td>
<td>N</td>
</tr>
</tbody>
</table>

**Source: Primary data from the process**

By table 4 known significance values of variable X and variable Y (0.001) < 0.05 so that there is a relationship or correlation between the use of WhatsApp media and PPKN learning. While the Pearson Correlation value on variable X and variable Y is 0.543 which means the degree of correlation between the two variables in the medium category.
Discussion

The development of information and communication technology today is already very rapid, so it has unwittingly touched every element of human existence, and the most popular among students is social media as a means of contact. This social media is widely used by teachers, students, the public, and others; The most popular social media is WhatsApp. Students at YAS High School use WhatsApp social media as a learning medium as well as a medium for information and communication, and during the COVID-19 pandemic, WhatsApp social media is used as a medium for distance learning between teachers and students. This is in accordance with Suryadi’s (2018) belief that education and communication are inseparable fields. Online learning is a learning system that does not require direct face-to-face contact between teachers and students and is carried out online through the use of internet networks, such as Google Classroom, video calls, Whatsapp groups, Telegram, Zoom, and others. However, in terms of implementation, this learning system can provide advantages and disadvantages for the world of education, but this can be overcome well if careful planning and good preparation are carried out while moving all components of the learning system in an integrated and sustainable manner, as well as the support provided by all related components.

Using WhatsApp as a learning medium in the network to support the learning process while at home, teachers implement government policies to carry out online learning where learning using WhatsApp social media is very helpful for students in obtaining maximum learning outcomes without face-to-face. WhatsApp is one of the most effective learning media used today, and is used by all students as a medium of knowledge and communication. In today's era, WhatsApp is often used as a learning medium to form Whatsapp groups to communicate when learning in the use of WhatsApp social media, the goal is expected to be in a better direction.

The use of WhatsApp media in PPKN learning at YAS Sindangkerta High School, especially class XII students, is quite good. Most students have smartphones that support the use of the WhatsApp application, this shows that if students have a smartphone that supports the WhatsApp application then they can take part in PPKN learning using WhatsApp media. PPKN teachers at YAS Sindangkerta High School have smartphones that support the use of the WhatsApp application, this shows that PPKN teachers also have smartphones that support the use of the WhatsApp application so that learning can be carried out. In learning, students often use WhatsApp to learn, students use WhatsApp to obtain information about learning, all students can use the WhatsApp application well, students know the function of the features on WhatsApp, all students master the use of all the features in the WhatsApp application well, this shows that if students know and master the use of WhatsApp features, learning will look more active because students are able to use WhatsApp features well. PPKN teachers can use the WhatsApp application well, PPKN teachers know the function of the features on WhatsApp well, PPKN teachers master the use of all the features in the WhatsApp application well, when online learning is implemented teachers create study groups on PPKN subjects to facilitate the learning process, during online learning, all students enter the PPKN subject study group, which shows that with the WhatsApp Group on PPKN learning and all students entering it, learning will be more lively even through online learning. And WhatsApp is an effective medium used for discussions related to lesson issues.

Based on the results of the Pearson Product Moment (PPM) correlation test, it shows that there is an influence of WhatsApp media use on PPKN learning. It can be seen in table 4, namely the significance value of variable X and variable Y (0.001) < 0.05 so that there is a relationship or correlation between the use of WhatsApp media and PPKN learning. While the Pearson Correlation value on variable X and variable Y is 0.543 which means the degree of correlation between the two variables is moderate.
CONCLUSION

Based on the results of data processing and data analysis that has been carried out regarding the influence of WhatsApp media use during the Covid-19 pandemic on PPKN learning, which was carried out during the study, the researcher concluded that the research results, namely WhatsApp media had an effect when used in PPKN learning during the Covid-19 pandemic in SMA YAS Sindangkerta, the correlation between the two variables in the moderate category. By drawing the following conclusions:

1. Most students have smartphones that support the use of the WhatsApp application, this shows that if students have a smartphone that supports the WhatsApp application, they can take part in PPKN learning using WhatsApp media. PPKN teachers at YAS Sindangkerta High School have smartphones that support the use of the WhatsApp application, this shows that PPKN teachers also have smartphones that support the use of the WhatsApp application so that learning can be carried out. In learning, students often use WhatsApp to learn, students use WhatsApp to obtain information about learning, all students can use the WhatsApp application well, students know the function of the features on WhatsApp, all students master the use of all the features on the WhatsApp application well, this shows that if students know and master the use of features WhatsApp then learning will look more active because students are able to use WhatsApp features well. PPKN teachers can use the WhatsApp application well, PPKN teachers know the function of the features on WhatsApp well, PPKN teachers master the use of all the features in the WhatsApp application well, when online learning is implemented teachers create study groups on PPKN subjects to facilitate the learning process, during online learning, all students enter the study group of this PPKN subject shows that with the WhatsApp Group on PPKN learning and all students entering it, learning will be more lively even through online learning. And WhatsApp is an effective medium used for discussions related to lesson issues.

2. Based on the results of the Pearson Product Moment (PPM) correlation test, it shows that the use of WhatsApp media during the Covid-19 period in PPKN subjects has an effect. Judging from the significance value of variable X is smaller than variable Y, so there is a relationship or correlation between the use of WhatsApp media and PPKN learning. In addition, the correlation between variable X and variable Y is moderate. Judging from the results of Pearson correlation values on variable X and variable Y.

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