

CAN GOOGLE CLASSROOM INCREASE STUDENT'S SELF-RELIANCE LEARNING?

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ABSTRACT

Advances in technology allow students to choose how to study and learn at their own pace. The development of technology media is an alternative to transferring knowledge to students. This study aims to determine how google classroom can improve student's self-reliance learning. The results of the study show that google classroom is effective in learning, learning content, effective as a learning media, makes it easier to provide information, better teacher and student interactions, improves student learning outcomes, is easy and economical to use, can be accessed anywhere and anytime so that it can help students in studying each learning material independently without depending on the teacher so that these things can increase student self-reliance learning.

KEYWORDS: Google Classroom, Self-Reliance Learning, Learning

INTRODUCTION

In 2014, Google Apps for Education (GAPE) launched Google Classroom which has been widely accepted by a wide audience, especially students (Barman & Karthikeyan, 2019; Azhar & Iqbal, 2018; Syakur, Sugirin & Widiarni 2020; Alim, et al., 2019). This application is used free of charge for teachers and students suitable for developing countries, which have limited budgets, and can be used as a Learning Management System (LMS) in schools, colleges and higher education institutions (Azhar & Iqbal, 2018; Dewi, Zahrowi & Sulistyawati, 2020). Educators and students can access the <https://classroom.google.com> site or can download the application via the PlayStore on Android with the keyword Google Classroom (Henukh, Rosdianto & Oikawa 2020; Deiniatur, 2019).

Deviyanti, Ekawarman & Yantoro (2020); Abidin & Saputro (2019) said that google classroom is a social network-based learning media in supporting the learning process, especially in virtual classes, where google classroom provides facilities for sharing material, communicating and discussing with friends and teachers and doing assignments online that can be used anytime and anywhere. Islam & Ferdousi (2019) says that google classroom is a technology-assisted

online learning tool developed by Google that allows teachers and students to adapt outside the classroom in innovative ways.

METHOD

The research method used in this research is a literature study that contains theories that are relevant to the research problem. The data collection method is literature study. The data obtained were complicated, analyzed, and concluded in order to get conclusions about the literature study.

RESULT AND DISCUSSION

Sulistya & Projosantoso (2019) learning media are all forms of mediators that can improve the interaction process between educators and learners, and learners that are used to convey messages and facilitate students in the learning process. Google classroom is a media educational application that offers productivity tools such as email, documents, and storage for students and teachers, which aim to deliver online content to students, create interactions between teachers and students via the chat feature and help teachers assign assignments and carry out assessments. online safely and friendly (Gupta & Pathania, 2020). Google classroom is integrated with various google services at the same time to make it easier for teachers to manage online learning (Sulisworo, et al., 2020) and help students better understand the subject and complete material in a timely manner (Bute, 2020).

The results showed that google classroom can improve students' reading and writing comprehension in learning (Dewi, et al., 2020; Albashtawi, 2020); effectively used in the learning process (Hussaini, et al., 2020; Gupta & Pathania, 2020; Khairani, Daud & Mahdum, 2020; Nirfayanti & Nurbaeti, 2019); can improve student learning outcomes (Rikizaputa & Sulastri, 2020; Deviyanti, et al., 2020; Henukh, et al., 2020); effective in learning, easy in assignments, and better teacher and student interactions (Azhar & Iqbal, 2018); improve better communication among students in learning (Mollov, 2020); and can improve student learning independence (Ashadi & Suhaeb, 2020).

Google classroom is effective in the communication process, effective in receiving messages or information, the content of learning is clear so that students can easily understand the learning material, the right media for delivering information, clear learning resources, can be accounted for because it is a direct source from educators, there is no time limit in accessing and providing information (Syakur, et al., 2020).

According to Barman & Karthikeyan (2019) the benefits of google classrooms are: 1) facilitating collaboration between teachers and students virtually, avoiding the need for face- to-face interactions; 2) provide facilities for teachers to upload files, make assignments and assess the writing submitted by students; 3) all kinds of text, pdf, jpg, ppt, audio and video files can be uploaded by teachers and students; 4) students can submit assignments according to teacher instructions and know the assignments and grades given to student work; 5) making courses required on the part of the teacher, and enrollment in courses required on the part of students; 6) allows one teacher to make as many courses as he wants and his abilities; 7) can be used and adjusted by each teacher; 8) after completing learning in class, it can be archived and saved for later reuse; 9) depending on the user's writing skills rather than the ability to speak to communicate with each other; 10) improve the ability of teachers and students in terms of using technology.

The advantages of google classroom are:

- 1) Easy to use. Google classroom is very easy to use, easy to announce assignments, submit assignments and also assess student assignments online (Sulisworo, et al., 2020; Khairani, et al., 2020; Bute, 2020; Rikizaputra & Sulastri, 2020; Albashtawi, 2020;). The fast and convenient setup process in google classroom is very fast and convenient when compared to having to install a local LMS, and educators can access the google classroom application and can start sharing assignments and learning materials (Syakur, et al., 2020). Google classroom is also linked with google drive, making it easy to manage any documents posted in google classroom. Word, excel, and powerpoint documents can be viewed and edited online using Google Docs, Sheets and Slides, can share more than 30 types of files, and the most commonly used in learning are word, excel, powerpoint, JPG, PDF, MP3 and MP4 (Ahmad, Ramlan & Krishnan, 2020).
- 2) Save in time usage. Educators can create and distribute assignment files for their students online. Educators can also rate, provide feedback on all assignments and make assessments using the google classroom app. As such, there is the potential for significant time savings for both students and educators. Everything is done without paper, so that no time is wasted distributing physical documents and students can complete their assignments correctly online (Syakur, et al., 2020; Sulisworo, et al., 2020; Bute, 2020; Gupta & Pathania, 2020; Hussaini, et al., 2020; Nirfayanti & Nurbaeti, 2019; Islam & Ferdousi, 2019).
- 3) Can improve cooperation and communication. Educators can send notifications to students to start online discussions or inform them about online learning activities. Students can participate in forums/discussions hosted by the teacher. On the other hand, students have the opportunity to provide feedback to their peers by posting directly to ongoing discussions in google classroom. So, if students need help because they have difficulty understanding the assignment file or want to learn more about a certain topic, students can get direct input from teachers and classmates virtually (Islam & Ferdousi, 2019; Mollov, 2020; Syakur, et al., 2020; Deviyanti, et al., 2020; Abidin & Saputro, 2019; Azhar & Iqbal, 2018; Gupta & Pathania, 2020).
- 4) Centralized data storage. With google classroom, it's all in one storage. Students can see all assignment files in a specific folder, educators can save learning material and all grades can be seen and documents will not be lost in this google classroom application (Syakur, et al., 2020).
- 5) Flexible. The use of google classroom offers flexible accessibility because it can be accessed via smartphones and computers/laptops. On a smartphone by downloading it on the Playstore. (Ahmad, et al., 2020). In addition, google classroom can also be accessed anytime and anywhere, even though you are not in class (Bute, 2020; Deviyanti, et al., 2020; Abidin & Saputro, 2019; Rikizaputra & Sulastri, 2020).
- 6) Free. Google classroom can be used by anyone to open classes provided they have a gmail account (Barman & Karthikeyan; 2019; Bute, 2020; Islam & Ferdousi, 2019; Naganathan & Gangalakshmi, 2019; Rosita, Saun & Marini, 2019; Syakur, et al., 2020; Rikizaputra & Sulastri, 2020).
- 7) Can enhance self-reliance learning. Gupta & Pathania (2020) states that with google classroom can decide when students will study, and they can learn at their own pace so that it will form self-reliance learning.

Self-reliance is one of the attitudes that students must have. Self-reliance can be translated into believing in one's own abilities, being independent in making decisions, and not expecting excessive praise (Eriana, Kartono & Sugianto, 2019). Saleh (2020) self-reliance is an attitude that allows someone to act freely, do something for themselves and for their own needs without the help of others, or think and act or create, and are full of initiative, capable of influencing the environment, have self-confidence and gain satisfaction from his efforts.

Yasdar & Mulyadi (2018) self-reliance learning is a learning activity that is supported by self-determination, self-choice, and self-regulation to achieve optimal learning outcomes and being able to be accountable for their actions. According to Zimmermen (2008) students have self-reliance learning refers to: 1) the process of self-direction and self-confidence that allows students to change mental abilities, such as verbal abilities, academic achievement, skills, 2) proactive processes that students use to achieve academic skills, including searching for sources of knowledge from electronics, searching for yourself, but also seeking help from parents, teachers and peers; and 3) students who have their own initiative and have personally directed learning.

There are two factors that affect self-reliance learning, namely factors from within students (internal factors), and factors that come from outside the student (external factors). Student self-factors or internal factors consist of discipline, responsibility, confidence, initiative and motivation (Aisah, Kurniasih & Fitriani, 2018; Dembo & Seli, 2016), intelligence, and the condition of the offspring of (Yasdar & Mulyadi, 2018; Ali & Asrori, 2016). Factors originating from outside the student or external factors consist of the school environment, learning facilities and teacher professional competence (Aisah, et al., 2018; Dembo & Seli, 2016); From the family environment, school environment, socioeconomic environment and environment (Yasdar & Mulyadi, 2018; Ali & Asrori, 2016). Environmental factors such as the use of technology, place factors, temperature, background sound (for example music) also affect learning independence (Nilson, 2013). The use of technology can help students to explore every knowledge without depending on the teacher, thus helping students to learn independently (Dewi, et al., 2020).

CONCLUSION

Based on the results of the research above regarding the benefits, advantages, and factors that affect self-reliance learning, the use of google classroom is effective in learning, learning content, effective as a learning media, makes it easier to provide information, better teacher and student interactions, improves student learning outcomes, is easy and economical to use, can be accessed anywhere and anytime so that it can help students in studying each learning material independently without depending on the teacher so that these things can enhance student self-reliance learning because students can manage their own learning without having to depend on others thanks to the help of google classroom in learning.

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