The Use Of Learning Technology In Elementary School

Mutia Dwi Utari[1] ✉, **Utami Maulida Astuti**[2], **Fina Fitriyati**[3], **Umi Rachmawati**[4]

[1] (Pendidikan Guru Sekolah Dasar, Universitas Muhammadiyah Magelang Indonesia)
[2] (Pendidikan Guru Sekolah Dasar, Universitas Muhammadiyah Magelang Indonesia)
[3] (Pendidikan Guru Sekolah Dasar, Universitas Muhammadiyah Magelang Indonesia)

✉ utamimaulida270@gmail.com

Abstract

In the advance of the times in the era of revolution in the 4.0 era was one of the greatest challenges facing teachers in Indonesia. Because the quality of education has become a refusal to measure the success of the younger generation in the face of the era of revolution 4.0. A teacher in this age must embrace technology, for a teacher who is devoid or less of knowledge of technology cannot instil in his students the critical power to become a revolutionary human being. This paper discusses the literature of technology utilization in education. The teacher and the pupil have the ability and knowledge in the field of information technology. The various technological tools teachers use in school visits among others, LCDs, laptops, computers and so on. To be a teacher with knowledge of technology must also be supported by the government through training, socialization, seminars.
Keywords*: Teaching 1; Learning 2; Technological Competence 3*

1. Introduction

A very general understanding of education was put forward by Driyarkara (1980) who stated that education is a process of humanizing young people. The appointment of young people to the human level must be realized in all educational processes or efforts. This understanding is similar to the opinion of G. Thompson (1957) which states that education is the influence of the environment on individuals to produce permanent changes in habits, thoughts, attitudes, and behavior. In line with this view, Crow and Crow (1960) stated: it must be believed that the main function of education is the guidance of individuals in an effort to fulfill their needs and desires in accordance with their potential so that they obtain satisfaction in all aspects of their personal and social life. his social life. This opinion views education not only as providing information, knowledge and skills formation. Rather, it is broader than that, encompassing efforts to realize individual wants, needs and abilities. So that a satisfying personal and social lifestyle is achieved. Especially in elementary school education which is undergoing development to the next level.

Elementary school is an education that will provide skills and knowledge that can cultivate good attitudes in society, and give students the opportunity to continue their education first high school level. Elementary school is a formal education that lasts from frist grade to sixth grade open to children all over Indonesia. By having the purpose of advancing the Indonesian people. In elementary school education the pupils are taught various sciences from various subjects. The subjects studied include mathematics, Indonesian language, natural science, sports, social science, cultural arts

and the addition of local materials. Local load materials usually consist of regional language courses that fit each area. There was a cultural arts lesson at the elementary school including one that instilled the cultural preservation of the area.

By introducing the culture of Indonesia, the order above could be concluded basic education is a formal education for the descendants of the nation who are packaged through various characters and cultures and packaged through a curriculum. With it, to face the various challenges of globalization the government has printed out a reliable human resource. With the presence of a skilled SDM who already mastered technology in the globalised era they applied the basic school education with technology.

Elementary school education today cannot be separated from technology. Starting from the student data management system, it has now been simplified with technology. Through the system online-based, filling in student data from elementary schools is easy to upload and can be accessed received directly by the Minister of Education and Culture quickly. It doesn't just stop there, right now teachers are also required to utilize technology in the learning process. In learning activities teaching computer technology very The special role in learning can help the participants dedicated to more excited, enthusiastic about taking the subject [1].

The learning process is creation of an environment that allows learning activities to occur. Learning is changes in the process of individual interaction with the environment. So that the success of the learning process can be seen from the changes in students who follow the environment created by the teacher. The success of the learning process can also be supported by the presence of technology. The function of using technology in the learning process is as a tool for students in learning process. Technology as a learning medium is used by teachers to provide visual experience to students, among others to encourage learning motivation, clarify and enhance absorption or study reviews

2. Method

The kind of research used is a qualitative descriptive because it didn't jump directly into the field. In a nutshell, it's understandable. That a qualitative descriptive (QD) is a method of research that moves on to approach simple qualitative with an inductive stream [2]. This research aims to give an idea of the rapidly growing educational technology Right now. This article is compiled using the literature review method of the article that refers to the research framework of learning technology in elementary school.

3. Discussion

Technology is often interpreted by people as something that is machine-related but it turns out technology has a broader meaning: education technology that has several

elements among which is man, machine, idea of procedure, and management. In line with that (Galbraith, 1997) that technology is in fact an application from other organized science or knowledge into practical tasks. There is technology that makes things more efficient but there is technology that is not free from problems because technology is born to unify the problems facing humans. Related to that, then Educational technology can also be viewed as a product and process [3]. Education technology has a concrete nature so it's easier to understand such as television, radio, projector, laptop. Education technology has a function, that is, 1. Technology as a student aid in learning, 2. Technology as science must be studied by students in all their competition. Technological development in the field of dentistryIt's been very useful but not only in the educational environment technology is also very well developed in the community.

The development of technology is growing rapidly in accordance with the times. Technology appears in various types and features of technology are always new from day to day. The need for technology is one of the most important needs today. This is because technology is needed for many purposes matter. Technology is very easy to get because it is easily available, inexpensive, and can be customized with the needs and economic pockets of its users. Of course, with the development of science and technology, this greatly affects the pattern of human life both in terms of mindset and behavior. Technological assistance can facilitate human activities so that they do not take a long time.

The use of technology in everyday life not only affects behavior of adults, children too does not escape the influence of use technology such as gadgets and one of them is in the ability of social interaction. Elementary school students who are still categorized as children, according to Beichler and Snowman [4] have a pattern of growth and development in physical, cognitive, emotional social, creativity, language and specially appropriate communication with the stages it is going through. During this elementary school period, almost all potential students experience a sensitive period to grow and develop rapidly and greatly. Like those who grow and develop along with increasingly rapid technological developments. This can affect the mindset of children.

In elementary school students, students experience development in the stage of exploring and interacting directly with the surrounding environment. Elementary students usually tend to be happy with new things that they get through playing activities. It is not uncommon for students to play and satisfy their curiosity through gadgets, because gadgets are things that interesting to them. Whereas elementary school students their age have to play and mingle with their peers.

Challenge. that pops up the consequences of progress and change the technologyIt changes the characteristics society secara significant, like for example the model of a slayer the doctrine of a knowledge which I was biased a delivered in the

classroom it seems you the dock will look again suitable for success education in the technological age like right now [5].

It is undeniable, technological developments greatly affect human life, both adults and children. Various forms of technology in everyday life are very easy to find today as well as gadgets that can be accessed by adults and children. For this reason, it is better for parents to accompany and guide their children while using gadgets, and the role of parents in disciplining is needed so that children do not experience dependence which will cause a negative impact on children's development, especially with their relationship with the child's social life. So, children still have to be taught about technology because along with the times, technology is very useful in all fields.

Technology in the globalized era is very useful in every field, especially in education. Education technology helps teachers communicate information on subjects. Teachers are professional educators who are responsible for educating, teaching, guiding and guiding students. Technology has made it easier for us in this life, almost every aspect of life has taken advantage of technological sophistication [6]. In an effort to improve mutual learning in the era of globalization teachers should be able to harness technology in helping teachers during their studies. Technology can be used as a learning medium or a learning source. Because we can search for a variety of lessons on the Internet. Teachers can also download video of lessons on YouTube to show students more understanding of their mother tongue and students not bored quickly during lessons, because students are more happy to see video than students should listen to material delivery through the lecture method. Teachers are now being charged with mastering various fields of skill in supporting their profession.

Teachers at elementary school broke the spear tips in the class they were supposed to be able to and can use technology in learning in the class for the benefit of the overbearing and helping in teaching. Mustofa (2007) argued that the process towards a professional teacher was necessary. Supported by all elements associated with the teacher. The use of technology gives good impact and benefits among others 1. To overcome boredom and boredom, 2. Able to arouse motivation to learn, 3. Maximize your learning potential, 4. Capable of methe rotation of space and time limitations. According to [7] the standard of teacher competence must be mastered in TICK's power is: 1. Operating his personal and peripheral computers (support device). 2. Mount, install, set up, maintain and track and solve problems on personal computers 3. Do it. Computer programming with one object-oriented programming language. 4. Word processing with personal computer 5. Making work sheets (spreadsheets) and charts with personal computers 6. Manage the data base base with a personal computer or server 7 computer. Make interactive presentation that fulfill the visual and interpersonal communication fields.

Now schools also provide various electronic facilities such as computers. Computers are electronic devices that can receive input, manage input and process input, give or display information that has been processed in the computer and store programs and data management results [8]. Not only that school also provides LCD projector, laptop and so on. The more varied the media used, the more messages or material lessons will be more and more optimally accepted by the students [9].

The change in the pattern of learning from time to time is very different. Which now has a highly cohesive role in education in the media and in learning. [10] Introducing information technology and communication in learning an important intermediary in the implementation of science. without negating the initial style of learning that is taking place face to face in the classroom. As technology grows, many teachers are still experiencing difficulties in using the seps. 1. Adjust the color of the writing with the background, 2. Electricity is often on difficult to download video. It's based on a lack of knowledge, Teachers of technology and lack of facilities from schools and schools do not require teachers to use technology during their studies.

4. Conclusion

The use of technology in the globalised era has brought many benefits to its visitors. We as human resources must be able to follow the technological developments of the present. Especially in the field of education. Teachers as professional educators have the ability to educate, direct, teach students. Because a teacher must be responsible for the student's success. In improving the mutual teaching of a teacher must be able to master and use technology as a learning medium and a learning source. With the technology of the role of teacher, it's very easy. Teachers can search the internet for various subjects.

Not only must teachers be able to master technology but their students must also be able to use technology to help students learn in school or at home. There's a technology student can look for additional material on the Internet with various references. Although in the use of technology there are negative effects that can affect the child's mind patterns, technology must remain known to the child so that the child can understand how to use technology well and properly, certainly with adult companionship so that the child does not depend.

Thank you note

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