



EFFECTIVENESS LEARNING LAPTOPS AND HANDPHONE TO UNDERSTANDING STUDENT LEARNING

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ABSTRACT

smartphone use in supporting learning activities in circles student. With use analysis. Results study show effectiveness use smartphones in circles student support activity Study student in matter increase outlook student And Also make it easy student in Study, do task nor looking for material lesson.

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1. INTRODUCTION

Learning is a process of conscious effort carried out by individuals for a self-change from not knowing to knowing, not having the attitude of being being right, being unskillful being skilled at doing something. Learning is activities that must be carried out since he was born until the end of his life. The learning process can happen anywhere and anytime, one of which can be done. In the process Study very need role Teacher. Teacher demanded For creative in provide knowledge so that learning objectives are achieved. One creative teacher is Teacher Which can utilise media learning in process Study. Use media Study Which appropriate can influence process Study teach. Teachers can take advantage of learning media by looking at developments technology. 1

Various kinds of technological developments that are developing at this time are technology communication. Lots very development Which happen in field communication. Start from form communication simple on communication electronic.

Electronic communications that have been present are smartphones and laptops. Even in Indonesia has also followed these developments, many people have own smartphones . The more widespread And its use For various necessity including For increase creativity Study teach, even now students have been provided with smartphones by their parents. All the teachers too own smartphones And laptops as tool communication they. Will but Teacher And participant educate No utilise smartphones And laptops as media learning, even though smartphones and laptops really have many benefits Which Can used For media learning. Smartphones And laptops Also very effectively and efficiently used as a learning medium. Smartphones and laptops is telephone handheld Which have ability level tall Which has a function resembling a computer, because of its growing use rapidly Lots matter Which can accessed use feature browsers Which there is on smartphones and laptops.

According to Zaki smartphones in a manner literally It means telephone clever, ie telephone cellular Which own ability like PC (Personal computers) although limited, other than that the smartphone also supports email and organizer. Another feature is the ability to add new applications. There is smartphones Also function For look for various type information, with so smartphones And laptops can support something process learning become better to use smartphones and laptops appropriately. Smartphones Can give information Which hook knowledge knowledge Because in the smartphones there is applications Which Can utilized like google (for education-related searches), and smartphones can be used as maps, newspapers, dictionaries, even the latest news information. Benefit smartphones and laptops as learning media will make learning Which pleasant, Can read book online , even media social For learning.

With benefit media learning smartphones And laptops Which give knowledge Enough wide And give benefit in Study so learning media can increase student learning achievement. Performance Study is results Which has achieved student in process learning Which been done, the learning achievement can be in the form of statements in the form of numbers and behavioral values. According to Surya, learning achievement is the result Study or change Act in demand Which concerns knowledge knowledge, skills, and attitudes after going through a certain process as a result of experience individual in interaction with environment. Every student Certain If you want good learning achievement, then this requires a lot of effort very enterprising Good from self student And from method lecturer Which give knowledge so that the achievement was achieved as desired.

2. RESEARCH METHODE

The research method used in this research is the library research method . Library research is a type of research that is qualitative in nature which is generally carried out by not making direct observations in the field in search of data sources. Library research can also be interpreted as research that is carried out only on the basis of written works, both those that have been and those that have not been published, such as books, journals, magazines, documents, notes, articles on internet sites and so on.

According to Noeng Muhadjir (1996: 169) library research requires more philosophical and theoretical processing than empirical field testing so that library research more often uses a philosophical approach than other approaches. In addition, Mardalis argued that in essence the data obtained from the results of this research can be used as the basic foundation and main tool for carrying out field research.

3. RESULT AND ANALYSIS

Understanding Study

Learning is a process of building meaning or understanding of information and experience so that the development of knowledge, attitudes and Skills (Suyatna in Riva. Process build meaning the can done Alone by student or together with person other. Process That filtered by perceptions, thoughts (prior knowledge), and feelings of students. Study no absorb knowledge Which Already So formation Teacher or move knowledge from lecturer to student. According to Slameto states that learning is a business process carried out by someone to obtain a new behavior change as a whole, as results experience Alone in interaction with environment. According to Sanjana Study is formation association between impression Which caught by five senses with trend For Act or relationship between stimulus and response. Learning activities are activities most important in education. Success or failure of goal achievement education depends on how the learning process has been experienced by student with something experience gained.

According to Hintzman in Shah Study is something change Which happen in humans caused by experience that can affect level of human behavior. There are several theories in learning related to One of the uses of media is the theory of constructivism. According to Muslich Study constructivism It means Study Which emphasize awakening understanding Alone in a manner active, creative And productive based on knowledge earlier in accordance with experience Which meaning As for principles Study constructivism, namely: Knowledge is built by the students themselves both physically and mentally personal and social, knowledge is not transferred from lecturer to student, student active construct in a manner Keep going continuously, lecturer role provide facilities and situations so that the student learning process runs smoothly. According to Sukiman learning constructivism is compiling knowledge from experience concrete, collaboration activities, reflection as well interpretation.

Study No only solely For control material but study is to provide a long-term experience. According to Bruner in Sukiman There is three level main in Study that is, experience direct (*enactive*), experience pictorial/picture (*iconic*), And experience abstract (*symbolic*). Learning through experience is a method of learning process that enable learning For build knowledge And Skills as well as attitude values through direct experience. Teachers play a very important role create process Study Which maximum And think about design For activities in the learning experience, learning activities must be focused by the participants educate. Based on a number of explanation in on researcher conclude that learning is a process of changing behavior in a person as as a result of interaction with the environment based on experience and training Keep going continuously throughout life. Process Study based on experience can give feeling active a student and build skills.

Media Smartphone Learning And Laptops

Smartphone learning media is a learning media that utilizes smartphone as a tool to convey messages to someone. According to Woodil in Son Media smartphones is media Which give ability a person to use mobile network technology tools to access relevant information or store information and provide information. According to Lee in Nurhemah, smartphone learning media is media learning Which based m-learning . Media This No monotone with text just, but Also load elements multimedia audio visual even animation Which can makes it easier for students to understand the material and can also be used as practice in Study so that learning No

boring. Media Smartphone learning is classified as an electronic form of learning media, because of smartphone media can take advantage of m-learning . inside ally Nurhemah explain m-learning done learning through technology mobile wireless that allows everyone to access information and materials lessons from anywhere and anytime. Smartphones are currently highly regarded as one of the most tools suitable for m-learning .

With this smartphone tool , it can also be used as a buying and selling online , so smartphones on process Study can used as media in online business . Teachers can use the media smartphones as tool help practice in learning, with this smartphone media is very suitable for use as online advertising material on online business lessons . We can use online advertising through applications or features in it such as websites, Facebook, Instagram etc. Use smartphones as media learning will provide new experiences for students and the use of media smartphone learning will make it easier for students to learn, because Lots feature And application Which can utilized in support process Study. Excess in using media learning smartphones this is :

- a. Learning activities are more interesting, students can also actively learn independently. Because lecturer give chance to student For look for information new and solve problems,
- b. Process Study teach No restricted by room And time, Because media smartphones is A media or tool which can brought Where to just,
- c. Student No feel bored in Study, Because media smartphones is technology Which advanced And modern,
- d. Smartphone media can help teachers in the process of delivering material and change lecturers to be more creative. In using this smartphone media need preparation Which ripe And very need cost For own smartphones the. Based on theory on can concluded that Smartphone media is media that utilizes the latest electronic devices to help the learning process have benefits as e-books , e-learning , and other social media for learning. In this research smartphone learning media will be applied to the experimental class (test class try).

Effectiveness Use Mobile And Laptops in understanding Study Student

In support activity Study teach in circles student Smartphones are one of the learning media besides books. Most of teachers use smartphones brought by students to help activity Study teach. However, although smartphones used as media learning but students are given limitations in their use when in class. And in practice it is carried out by lecturers and all students at outside activities learn how to teach. With student smartphone can browsing a lot of knowledge. Based on this phenomenon, Dijey Pratiwi Barakati, explained Smartphone is a tool that provides many applications Which student can develop outlook knowledge they about What of course, including their ability to speak English, if they maximize the functionality of the features and applications on the smartphone the.

A number of application facilitate para student For Study Language English, like Dictionary, Idiom Language English, Grammar English, etc. No only the application, but features smartphones Also can help student in their learning process, for example wi-fi can help them create tasks, MP3 player can help they increase ability hear them and so on. Among students who use progress technology smartphones For Wrong One media learning. In era This globalization is of course all students, especially at the student level for sure have a smartphone. Most of the

teachers use smartphones brought student For convenience in process Study teach. Because in the learning process if you only rely on books feels very monotonous. So that they utilise smartphones For make it easy in process Study teach. Smartphones can replace dictionary Language English Which thick. Because besides being easier to search, it is also very easy for teachers nor student.

Matter This prove that smartphones Also role in make it easy learning process. And this of course also benefits students and lecturers help activity Study. Matter This show that smartphones very make it easy very in learning, stay click just student Can get accurate information. According to Yu Smartphone can be used as an online library thereby eliminating the distance between knowledge lecturers and students. Students can access various knowledge such as journals, essays, articles and so on. Besides that, it can also be used in different special purposes because of the many applications there are inside it.

4. CONCLUSION

Use smartphones And laptops in circles student help in activity Study teach, Good student nor lecturer. Where student use smartphones For get information about learning. By browsing the internet via smartphone students can look for model design through Internet nor YouTube . outlook student Also increasing in terms of subjects. Because students can with easy Find the information you need via smartphone

References

- [1] Daniel Hartono, et al, (2008) *Use Smartphones /PDAs More Optimal*. Bandung: Informatics
- [2] Dijey Pratiwi Barakati (2013) *Impact Use Smartphones In Learning Language English (Perception Student)*, Journal University Samratulangi. Vol. I
- [3] Moleong J. Lexy. (2010). *Qualitative Research Methodology*. Bandung : PT. Teenager Rosdakarya.
- [4] Santoso, B. (2009), *Bookberry All About blackberries*. Yogyakarta : CV. Andi Offset
- [5] Purwanto *Evaluation Results Study* (Et III: Yogyakarta: The bumblebee East UH III/548,2011)
- [6] Rayan Ahmad Badwilan *Confidential Behind the Cellphone* (Jakarta: Darul falah).
- [7] Soejono & H. Abdullah *Method Study Something Thinking & Application* (Jakarta:2005)