



Increase Creativity and Ability Student In Following the Learning Process Through Media Unit Length

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ABSTRACT

We take title from the unit medium long as our project , because we want to increase interest and knowledge participant educate in following the learning process through the media unit long the . As we know characteristic abstract mathematics along characteristic others who don't simple annoying many less students interested in math . so with that's what we decided for create unit media long with hope that students class V SD can understand with good about method measure unit long and them could more active in follow learning with using unit media long.

ARTICLE INFO

Received: 8th October
2022

Revised: 8th November
2022

Accepted: 13th December
2022

KEYWORDS: Learning,
interest, and creativity

Introduction

Learning strategy is something activity necessary learning done by teachers and students so that the goal learning could achieved in a manner effective and efficient. Mnemonic strategy is a learning strategy with method coding so that could help with storage and recall in memorize something knowledge theoretical or practical so the learning process will the more easy .

Theory unit long at school base is Suite from materials measurement . In life daily student has know use unit long like moment they To do measurement long something object use unit long . kindly no direct student only knowing unit long but they no understand name unit measuring the .

With making unit media project long to student could invite creativity and learning . creativity is experience express and actualize identity individual in form integrated in connection with self alone , with nature , and with other people (Clark Moustakis , 1967). Creativity is very important for developed , because creativity hold influence important in life someone . So from That 's creativity need developed since early (Fakhriyani , 2016). Study is change Act in demand or appearance with series activities , eg read , write and still many again other examples too study that will more good if si subject experience and practice it (**Sardiman , 2008**) . study as a change process behavior as consequence from exists experience and practice (**Sanjaya, 2008**) .

According to **Edgar Dalle** , that Education is effort consciously carried out by families , communities , and government through activity guidance , teaching , and practice , which takes place in school and outside school throughout life for prepare participant educate so you can toying role in various environment life in a manner permanent for the future come .

Student categorize mathematics is tough lesson , in part big student still confused and lacking enthusiastic in class especially usually some teachers do activity study teach without use tool display . Strategy or way to be in the learning process teach in class especially on the Basic Competency " Determine connection between unit time , inter unit long , and inter unit weight " on students class IV SDN 02 Banjarmulya easy understood and accepted child .

one method for increase motivation learning and results study student is with using chart media ladder unit long . Besides that this media can too assist understanding student to characteristic material abstract Becomes concrete , so motivation and results study student will increase .

Why do we take theme the with title " improve creativity and ability student in following the learning process through the media unit long ? We take title from the unit medium long as our project , because we want to increase interest and knowledge participant educate in following the learning process through the media unit long the . As we know characteristic abstract mathematics along characteristic others who don't simple annoying many less students interested in math . so with that's what we decided for create unit media long with hope that students class V SD can understand with good about method measure unit long and them could more active in follow learning with using unit media long

In present learning media our expected capable adapt with needs children , in the sense of the media used no only only the media makes child happy without meaning . However , learning media for child age early among them is must in accordance with characteristics child , accordingly with needs child , presented in a manner systematic , concrete , inviting curiosity _ know child , meaningful , and related with activity child . So that important for a educator knowing characteristics child for determine the suitable medium for used in the learning process .

Based on expert opinion the characteristics of the first learning media that is must multifunction because in education child age early in activity learning must support all aspect progress , start from ability physique motor skills language , ability cognitive ability social , as well emotional . Second that is safe for son , because children still need extra supervision from the teacher. If the medium just already dangerous , how maybe the teacher can continue activity learning . Third that is grow creativity son , because learning that must make child active in learn , so child attempted for give response positive in activity learning . Fourth that is ingredient easy to get environment around , so Thing this could make it easier for the teacher

Following this benefits that can obtained with take advantage of internal media learning according to Zaman and Eliyawati (2010) , namely :

1. Messages / information learning could be delivered with more clear , interesting, concrete and not only in the form of the written word or oral mere (verbalistic).
2. Resolve limitations space , time , and power senses . For example object too big could replaced with reality , picture , film frame , film or model. Incident or events that happened in the past could displayed again past films , videos, and more. That object too complex could served with models, diagrams and others.
3. Increase attitude active student in learn .
4. Raises passion and motivation in learn .
5. It's possible more interaction _ direct Among student with environment and reality
6. It's possible student study individually according to abilities and interests .
7. Give same stimulus , experience and perception _ for student .

Method

Deep data collection techniques study this covers on- site observation research . As for the method data collection used researcher for get the expected data for study this is as following :

Observation could interpreted as systematic observation and recording to phenomenon under study (Koentjaraningrat , Community Research Methods 1991:44), which is called observation . This including activities that use all senses for focus subject . Method observation is experience and record in a manner systematic to the symptoms that appear on the object research . Researcher must use method observation for collect other data from interview . According to Sugiono (2018:103) interview used as technique data collection when want to To do studies preliminary for find must problem researched , and also if researcher

want to knowing things from more respondents depth and number the respondent little / little . (Mar'atusholihah et al., 2019)

According to Yusuf (2013: 384) key success from observation as technique in data collection is very large determined by the researcher that myself , because researcher see and listen object research and then researcher conclude from what is observed .

So research must see in a manner direct what is the process of delinquency student level school basic . Listen like That's the data obtained by the researcher could insured answer (Sukma et al., 2022)

Research Result

Based on results observations made researchers on October 31 , 2022 at SD Laboratory UNG Jl. Drs. Ahmad Nadjamuddin 35, Limba U Dua , Kota Sel., Kota Gorontalo, Gorontalo 96138 learning process not yet using internal media activity study teaching and teacher only guided by the book and use method lecture just . Especially in learning math teacher alike very no using media in the learning process . Whereas mathematics is one lesson characteristics is object the study characteristic abstract whereas elementary school students are still at the stage concrete . Limitations of learning media used by teachers in explained Theory learning in the class , so make atmosphere learning Becomes boring and more monotone for student . this because lack of learning media used in the learning process mathematics for example on material unit long , students no easy memorize What is the name unit long so that researcher interested developing media for learning mathematics unit long . From the description background behind on researcher interested for To do develop with title “ boost creativity and ability student in following the learning process through the ladder unit long ”.



Figure 1. Project media students unit long

Discussion

Discussion in study this conducted based on results identification problem with method observation . Based on results identification problems and observations made in class V show that lack of interest student in learning. Through questionnaire addressed by experts fields , like media expert , expert learning and expert language be data for strengthening the research process , media experts say that medium ladder unit long worthy used in accordance with characteristics child ages 7-11 a development .

According to Sugiyono (2015: 335) explains that “ data analysis is the process of searching and compiling in a manner systematic data obtained from results interview , notes field , and documentation with method organize data into category , describe into units, perform synthesis , compile pattern , choose which is important and which is learned , and create conclusion so that easy self understood myself and others.”

Other data like interviews on students who said that student Class V is fun and easy study using ladders unit because student could more easy memorize symbols unit long with there is a media ladder unit long . Some data obtained the Becomes considerations and materials study for To do research in class V and develop ladder media unit long .

Based on validation carried out is known that medium ladder unit long in the learning process including in good valid category from media expert , expert learning nor expert language.Hal this showing that medium ladder unit resulting length _ could used in learning . Azwar (Binus , 2014) stated that validity

means the extent to which determination and accuracy something tool measuring in To do function size . Products that have declared valid then trials were carried out with see how far can it be used ? At stage this developer To do Interview for knowing teacher and student responses and obtained practicality with good result . According to Sukardi (in Rifai, 2011:3), " consideration practicality could seen in aspect convenience usage , can used any time , any time short , fast , as a substitute for or variation as well as cost inexpensive if want use it ”.

Development this produce ladder media unit eye length lesson math Theory unit length in class V of valid Elementary School . this show that medium ladder unit long worthy used in the learning process . Next seen from teacher and student responses obtained results good response from teachers and students . this showing that medium ladder unit resulting length have power pull for participant educate . Power pull usually be marked with trend student for go on and on learning (Simanjuntak, 2011)

Conclusion

Based on results research and development that has been conducted by researchers could pulled conclusion that development of learning media unit long accompanying strategy based conducted with design models . On research development this obtained results teacher and student interviews for knowing the attractiveness of learning media ladder unit long unit heavy as supporters explain Theory learning in mathematics get response positive , that the media ladder unit long unit heavy this fun and interesting so that student will more easy understand learning . With Thus the media is developed already worthy for made product end form of ladder media unit long as a medium in learning mathematics Theory unit in class V SD Lab Gorontalo State University

Suggestion

Based on study development that has described , stairs unit long as a learning medium still many have weakness . Therefore , some suggestions for utilization and development product more further required _ as following :

1. ladder media unit long could developed again with careful planning _ including : (1) planning component more content complete ; (2) components more presentation interesting , so more useful and meaningful .
2. The author also suggests for study development next so you can developing learning media with use more concrete media varies in the learning process produce more concrete media teaching materials interesting as well as more all right , so could make student more motivated in the learning process .
3. Writer suggest , other researchers can continue study this using existing media developed in form experiment nor study action class .

Acknowledgment

We convey saying accept love to lecturer support eye studying Introduction to Education Prof. Dr. Abdul Rahmat , S.Sos ,I., M.Pd lecturer at State University of Gorontalo Orchid: <https://orcid.org/0000-0002-1681-4450> who have guide during the drafting process article this .

References

1. Grace , A. (2022). *Management Class Through Learning Literacy Buhuta Walama Lo Tihedu in the Indonesian Province of Gorontalo*
2. Grace , A. (2021). *Introduction to Education* . Gorontalo: Ideas Publishing.
3. Sari, Y. (2022, November 23). *The Importance of Learning Media for Early Childhood* - Kompasiana.com . KOMPASANA; Kompasiana.com.
<https://www.kompasiana.com/yopita93521/6373c03080e89f3a487fbf42/pentingnya-media-pembelajar-untuk-anak-usia-dini>
4. Tasropy . (2021, May 24). *Easy Learn Unit of Length with Media conversion* . RADARSEMARANG.ID. <https://radarsemarang.jawapos.com/artikel/untukmu-guruku/2021/05/24/mudahnya-mempelajari-satuan-panjang-dengan-media-konversi/>

5. <https://www.facebook.com/materialibelajar>. (2013). *Definition Study According to Experts - Matter Study* . Materibelajar.id. <https://www.materibelajar.id/2016/06/pengertian-belajar-menurut-para-ahli.html>
6. M. Prawiro . (2018). *Definition Study are : Definition , Purpose , Characteristics , and Types* . Understanding and Definition term . <https://www.maxmanroe.com/vid/umum/pengertian-belajar.html>