Development of PPKN based learning modules *blended learning*

on material diversity ethnic group nation and culture

[1] Moh. Farid Nurul Anwar, [2] Wahyu Widodo, [3] Kardiana Metha Rozhana, [4] Veneranda Dian Lestari*

Universitas Tribhuwana Tunggadewi, Indonesia
*venerandadianlestari@gmail.com ***

Abstract: *The purpose of developing this module is to determine the validity and effectiveness of the module implemented in class IV. This research and development refers to the Borg & Gall model. This learning module goes through a validation process, namely validation by material experts, linguists and design experts. From the results of the last validation, the scores were obtained from material experts 90.5%, linguists 76% and design experts 78.3%. The scores obtained from the teacher and student response questionnaires were 96.6% each. 82.5% and 96.45%. The average value of the small group product trial was 72 and in the large group product trial was 93.5, achieved 100% completeness. Based on the analysis of the data from the results of the data research, it can be concluded that the PPKn learning module based on Blended Learning on ethnic and cultural diversity material is stated to be valid and effective in use.*

Key Words *: Learning module; Blended Learning*

Introduction

Moment This several schools currently in stage beginning application curriculum new as curriculum choice that is Freedom Curriculum. To quote from page Ministry of Education and Culture, the Independent Curriculum is curriculum with learning various intracurriculars where content will be more optimal for participants educate own Enough time for deepen concept and reinforcement competency. In matter this , the teacher has discretion For choose various teaching tools so learning can customized with need study and interest participant educate (Kemendikbud RI, nd) . Implementation The Independent Curriculum does not held in a manner simultaneously and massively Because refers to the policy that provides discretion school in implement curriculum (Rahmadayanti & Hartoyo, 2022) . In implementation is necessary preparation Good from school and teachers, begin from understand structure Merdeka Curriculum, assessment in it, achievements learning and flow objective learning, implementation projects and more.

Change is very influential to knowledge and abilities participant educate, because every participant educates own different knowledge and abilities so that need planning a good learning process to be able to reach objective expected learning. Naturally objective learning This customized with abilities and knowledge the basis of the participants educates.

With see developments that took place in education, not all participants educate develop in accordance with stages supposed development. This naturally becomes a constraint for educators, so educators demand more creative for participants educate No feel bored in the learning process.

The quality of the learning process in the classroom influenced by several factor among others related with student in a manner individual , teaching process in class and teachers (MF Anwar & Rozhana, 2020) . The teaching process in class related with method learning, so need adapt method learning in accordance need student For maximize the learning process the (Rozhana & Anwar, 2015) . The availability of interesting learning media also becomes matter important factors that support the learning process, one of them form module. A module is tools / means contained learning materials, methods, limitations, and ways evaluate design in a manner systematic and interesting for reach expected competence in accordance with level its complexity.

The learning process naturally will meet various constraints. For maximize the learning process the needed application method appropriate study with need student . (Rozhana & Anwar, 2015) " The teacher's efforts in teach must Keep going improved in accordance with characteristics and environment place stay student. Teachers are required for creative and innovative in pack learning Good before or during the learning process material to student. because it, researcher interested For do study development entitled "Development of Learning Modules PPKn based *Blended Learning* on Material Diversity Ethnic group Nation and Culture Class IV SDN 1 Landungsari ". Study This done Because moment this teacher demanded for more creative and creating innovation in the learning process for students can accept and understand material in a manner maximum as well as can increase mark academic. one example possible innovation made is with make module learning . (Albab Ulil Setyawati Dwi Azka Al, 2019) interesting conclusion that "The module is means learning in form written or arranged print in a manner systematic, loading material learning, methods, goals learning based on competence base or indicator achievement competency, instructions activity Study independently (Self Introductional) and give chance to student For test self Alone through exercise the questions presented in module the."

There is module learning that can facilitate the learning process in class. Modules no only can used during the learning process in class, modules can too help students / students study at home. Besides that, with exists module can make student / student Spirit in the

learning process Because loaded material in module learning Already clear and concise. According to (Nurdyansyah & Mutala'liah, 2015) " module is A book written with purpose for participants educate can Study in a manner independent without or with teacher guidance , so module contains at least about all component base teaching materials that have been mentioned before ". Learning modules are also equipped with very attractive designs and pictures, so can make it easy for students to understand material learning. According to (Susanti, 2017) "Modules are also called media for Study independent because in it has be equipped instruction For Study myself ". Learning modules made by researchers are module learning based on blended learning.

Blended Learning is method possible learning applied as something alternative learning distance Far with combine learning stare advance with online learning . (Abroto, Maemonah, & Ayu, 2021) concluded " learning blended learning based is one good choice for increase effectiveness, efficiency, and power pull bigger in interact between educators and participants educate in diverse learning processes". Learning models *Blended Learning* is a learning model that combines method face to face teaching with method teaching help computer Good offline or online for form something approach integrated learning , (Idris , 2018) .

Blended Learning Models This Already used since formerly with demonstrate material through digital with role limits supporting support activity learning *face to face* . (Rachman, Sukrawan, & Rohendi, 2019) say that " *Blended Learning* it means mixing or combination learning or combination from elements learning stare advance directly and online harmonious and unified ideal". According to (Akhmadi, 2021) in characteristics *Blended Learning* is Learning with approach *Blended Learning* been in use for a long time especially with invention *computers* .

Through interviews conducted on the day Saturday 9 July 2022 at SDN 1 Landungsari Malang Regency with Mother Yulaikah as a grade IV teacher obtained information namely : 1) Learning at SDN 1 Landungsari based on the curriculum independent ; 2) The teacher uses book as inside teaching materials delivery material ; 3) The teacher hasn't Once apply use module learning ; 4) The students start bored with only learning use method lecture ; 5) The teacher hasn't Once use module learning based *Blended Learning* . According to the results of the interview so researcher will develop module learning PPKn based *Blended Learning* on the material diversity ethnic group valid and effective nation and culture used by students.

Based on description on so study This given title " Development of Learning Modules PPKn based *Blended Learning* on Material Diversity Ethnic group Nation and Culture Class IV SDN 1 Landungsari ".

Method

Type research used is research and development (*Research and Development / R&D*) which refers to the Borg & Gall research model. (Effendi & Hendriyani, 2016) There is ten (10) required steps done If using the Borg & Gall model for development a model/ product. Under This is illustrating chart stages Borg & Gall research.
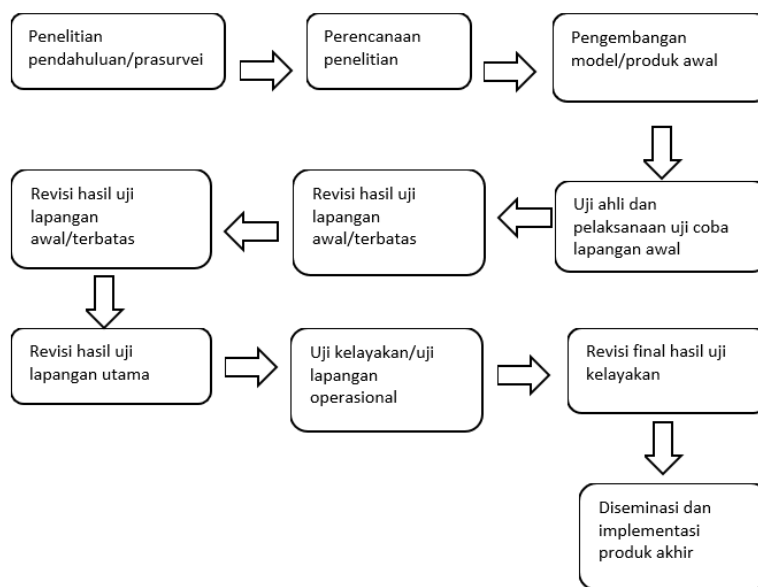
Figure 1. Borg & Gal Model Development l

Study This held in September at SDN 1 Landungsari Malang which is located at Jl. Tirto Rahayu No. 72 RT 5 RW 2 Hamlet Bendungan , Landungsari , Kec . Dau, Kab . Poor. subject study for student class IV, amounting to 5 students for trial _ group small and 10 students for trial _ product group big. subject selected data collection on base agreement students and teachers of grade VI. object study This is results Study students and results from questionnaire teacher and student responses. Following instrument observed data collection.

Table 1. Aspects assessed, instruments, observed data, and respondents.

Aspects Assessed _	Instrument	Observed Data	Respondents
Accuracy module	Questionnaire validation theory	Validity by experts	Language, Material, Design

| effectiveness use module | Questionnaire response student | effectiveness module | Student |

(Source: processed Researcher)

Results and Discussion

Study interpreted as a change process behavior as results interaction individual with environment (Pane & Dervish Dasopang, 2017) . Activity learning conducted at SDN 1 landungsari based on results interview that is during it's a learning process Not yet Once use module learning , especially module learning based *Blended Learning* . (Umbaran, 2015) say that "module basically is A arranged teaching materials in a manner systematic with easy language understood by participants educate in accordance level knowledge them, in order for them can Study in a manner independent". " Learning module This has done evaluation For know level feasibility of the module learning assessed by experts in accordance with their respective expertise from expert material, design and language. Research results from the validator then converted to scale percentage based on qualification level appropriateness validity " (Kolbiyah, Asmahasanah, & Fahri, 2020) . Learning module PPKn based *Blended Learning* takes material diversity ethnic group nation and culture in class IV.

Researcher choose material diversity ethnic group nation and culture in order for students know various type diversity ethnic group nation and culture in Indonesia . (Amil, Setyawan, & Dellia, 2020) " stated that There is ten step implementation technique research and development, Borg and Gall's proposed R&D steps are simplified into 7 stages". 7 stages the with adapt needs and abilities namely, research and data collection, planning, development draft product initial, validation expert, trial group small, trial revision group big.

Stage First development This is research and data collection, where at the stage This done studies libraries and studies field. Studies References done for obtain information or relevant theory, meanwhile studies field done so you can obtain information about circumstances class on level understanding student to learning. After he did studies libraries and studies field is known that Not yet Once use module learning class, especially in the eyes lesson PPKn material diversity ethnic group nation and culture.

Stage second is planning on stage This There is a number of things to do namely: analysis achievements learning, analysis learning, analysis characteristics students, analysis environment and identification. From the analysis that has been done can seen based on lack

of knowledge student class IV against diversity ethnic group nation and culture in Indonesia, so researcher take material the.

Stage third is stage development draft product start, development draft product beginning that is with do drafting drafting module learning based *Blended Learning.* Stage First is make map activity contained learning achievements learning and goals learning. Furthermore, that is with make mapping material on the 3rd unit build teak self in diversity activity 1 diversity ethnic group nation and culture. At stage furthermore that is do development module learning PPKn based *Blended Learning* which discusses material about diversity ethnic group nation and culture in Indonesia.

Stage fourth is a validation test, a validation test done to find out how much worthy product is used. In accordance with what was said (Moh. FN Anwar, Ruminiati, & Suharjo, 2017) that analysis validity product is assessing data validity module learning in a manner complete developed by researchers. There are 3 experts on the validation test that is expert matter, expert design, and expert language. At the validation test stage carried out in 2 stages validation, namely validation test stage 1 and validation test stage 2. In the validation test stage 1 is obtained respective scores: expert 80% material, expert 60% design and expert language 60 %. Percentage from the validation test stage 1, namely 66.6% said that valid product with provision worthy used with do revision. After revision from the validation test next step 1 validation test is carried out stage 2. In the validation test stage 2 is obtained score of each expert 90.5% material, expert design 78.3% and experts' language 76%. percentage from the validation test stage 2, namely 81.6% stated very valid and decent product used.
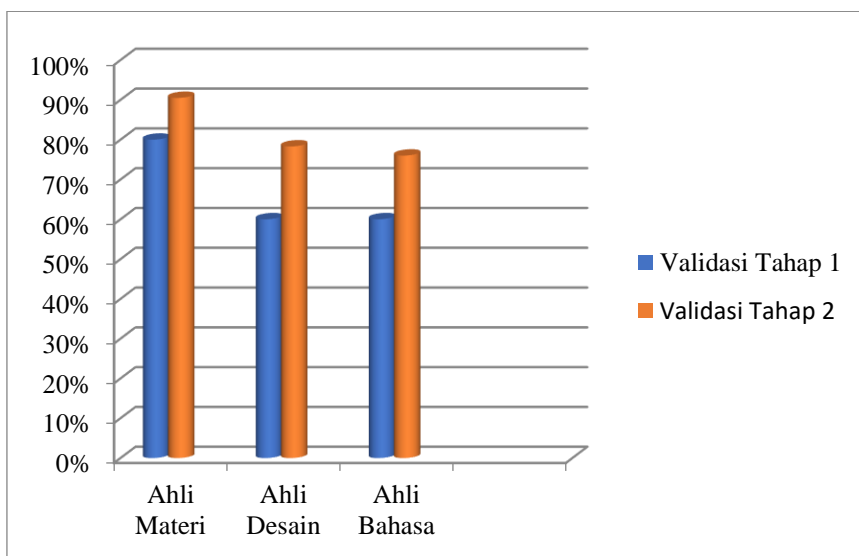
Figure 2. Validation Results Diagram Stage 1 and 2

Stage fifth is a stage revision product done with see results validation from validation expert matter, expert design, and expert language. Researchers do repair based on results ratings, suggestions, and criticisms from validation module expert valid and effective learning to be tested in the field. Revision from expert material that is, the material more shortened again, as well size the letters are enlarged again. Revision from expert design that is, size more letters be augmented again, adjust pictures and input source image, use bright color so that he wrote Can seen, as well print with good quality. Next, revision from expert Language that is, adjust size of writing and use standard words in module.

Stage sixth namely trials product group small, where at stage This carried out in class IV SDN 1 Landungsari totaling 5 students. Based on response students on trials product group small obtained an average percentage of 82.5%, can is known trial results scale small passed and eligible for used without do revision. Learning module stated worthy used by students Because existing material in module learning easy understood.

Stage seventh namely trials product group large, carried out in class IV SDN 1 Landungsari, totaling 10 people. Based on trial results, the product group big can is known that trial results scale big obtain score 96.45%. From the results score they can conclude that module worthy for tested try it in the field without revision. The need trials were carried out scale big This For see appropriateness module for applied, as well see how much understand student / student to existing material in the module. Furthermore, given questionnaire response to the class teacher, Based on results the teacher's questionnaire can is known that trial results _ obtain score 96.6%. From the results score obtained after do the trial product module learning passed and eligible used in school without exists revision.
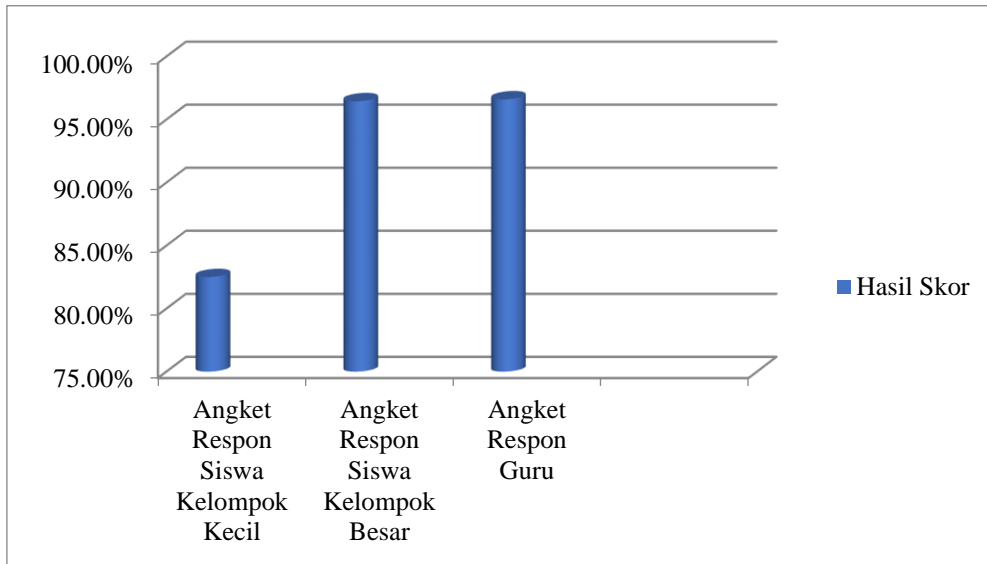
Figure 3. Questionnaire Results Diagram Teacher and Student Responses

At the moment do a product test group small and product test group big students also do question evaluation . (Moh. FN Anwar et al., 2017) say that "effectiveness obtained from the result data Study student. Study results student analyzed is results Study with use module Already reach objective learning that has set." The average value from trials product group small by 72 and in trials product group big of 93.5. From recapitulation mark students on trials product group small and big can is known that mark student Already meet the KKM, namely 65, where the average value student consecutive namely 72 and 93.5, as well reach completeness 100%. of value the can concluded that module learning PPKn can stated worthy used and effective.
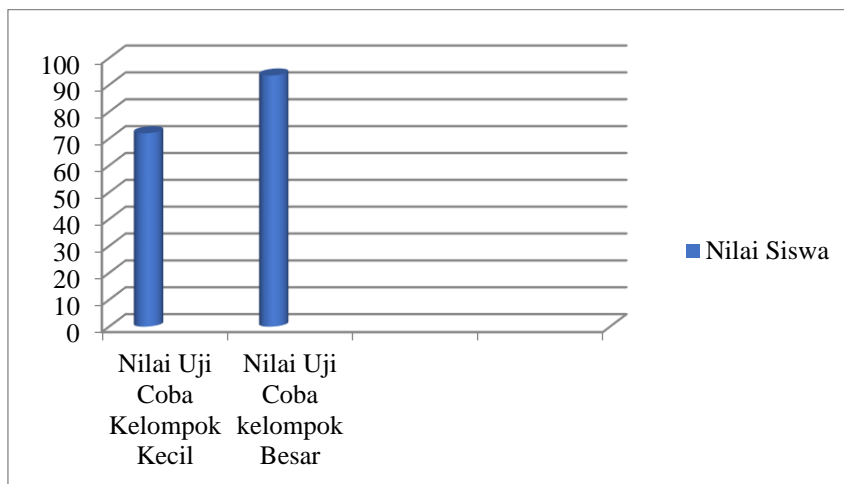

Figure 4. Diagram of Student Values in Trial Small and Large Groups

Conclusion

Based on results study from data analysis can concluded that module learning PPKn based *Blended Learning* on the material diversity ethnic group nation and culture class IV SDN 1 Landungsari declared very valid and very feasible for used after going through stage validation, by validators from 3 experts. Material expert 90.5% with presentation feasibility is very valid and feasible used, expert design 78.3% with presentation eligibility valid and feasible used with revision, expert language 76% with percentage eligibility valid and feasible used with revision. Questionnaire results response students and teachers on the module learning PPKn based *Blended Learning* on the material diversity ethnic group nation and culture class IV SDN 1 Landungsari that is questionnaire response student group small by 82.5% with percentage feasibility is very valid and feasible used , questionnaire response student group big of 96.45 with presentation feasibility is very valid and feasible used , as well questionnaire the teacher's response was 96.6% with presentation feasibility is very valid and feasible used . The average value from trials product group small by 72 and in trials product group big of 93.5. From recapitulation mark students on trials product group small and big can is known that mark student Already meet the KKM, namely 65, and achieve completeness 100%. of value the can concluded that module learning PPKn can stated worthy used and effective.

Acknowledgment

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