

## STUDENT RESPONSE ANALYSIS OF THE LEARNING PPKn HIGH SCHOOL CLASS X USES ENCYCLOPEDIA ARCHIPELAGOS

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### ABSTRACT

The background of this research limitations learning resources used in schools, which only use textbooks as well as the Student Worksheet. This led to insights on students' thinking is still lacking knowledge in the students over the implementation of PPKn material into everyday life is also lacking. Availability of learning resources in the school library are also less varied. This type of research is the research and development (Research and Development), adapting Sugiyono. The steps of this study are namely; pre-study observation, analysis of learners, format design, prototyping encyclopedia, validation validator to three experts, instructional simulation, then revision 2, analysis results, publications and complete. However, research conducted groove only to the revision of the results of validation, further trials instructional simulation Encyclopedia Archipelago in the Context of the Homeland, which aims to determine the students' responses. This is caused by the limited learning time refers to the curriculum. The end result can be seen product validation on an average of the three validators expert and gain a percentage of 607.7%. while the results instructional simulation product testing to students show a positive response of 96.9%. and the response was negative 0.31%. This proves that the encyclopedia is very interesting, it is effective to use in learning PPKn.

**Keywords :** Response Students, Encyclopedia, Archipelago

### 1. INTRODUCTION

Pancasila and Citizenship Education (PPKn) the compulsory subjects taught in secondary education with a view to shaping the character of students to be human beings who have a sense of nationalism and love of the homeland. It states that learning more encouraged PPKn on affective aspects not ignore cognitive and psychomotor aspects. Learning that is affective contain many elements of values, beliefs, attitudes and feelings that are not easily reached in a short time. but rather requires a process and the time and effort in earnest, well-planned and sustainable.

To find the application of learning PPKn researchers conducted observations at the High School level. Lookout first, located at SMAN 1 Kademangan Blitar, located in the village Kademangan Kademangan District of Blitar. then place the second observation in SMA Negeri 4 Blitar, Kepanjenkidul located in the district of Blitar.

Based on the results of interviews conducted with teachers PPKn shows that during the learning process refers to the 2013 curriculum learning tools used by the teacher during the learning process at school PPKn include syllabi, lesson plans, and programs of the semester. The results of this study in the second PPKn during the school average reached KKM by 75.

Sources used for this study is very limited, which only use textbooks and worksheets. This leads to insight the student's thinking is still minimal, students' knowledge of the material PPKn implementation into everyday life is also lacking. Limitations of learning

resources in the school library less fariative in limited quantities. So that students can use textbooks interchangeably.

The learning process implemented during the teacher is also less. fariative The learning model used is limited to models lectures, discussions, and presentations. Thus adversely affects the student's attention in the following study PPKn. students can only use the textbook.

Based on the existing problems, the researchers provide a solution to the problem by creating learning resources berfariatif. The hope sources can be used to support learning at the level PPKn High School. Learning resources that can be used as an alternative is to make Encyclopedia Archipelago. During this learning resource The encyclopedia is still rare, even in schools do not have a learning resource Encyclopedia Archipelago. The development of learning resources archipelago insight Encyclopedia lists of terms and images relating to the material archipelago insight on class X.

The relevant research The first, conducted by Dian Noviar, Sulistiyawati with the title "Development of Integrated Ipa-based Encyclopedia of Local Potential self-teaching materials for students SD / MI. Results of this development in the form of Integrated Science Encyclopedia useful for students of classes II SD / MI in the study. The encyclopedia contains knowledge about the birds in the Yogyakarta area. Then the second relevant study conducted by Dede Nuraida and Umi Mahmudatun Nisa. Entitled Development of Encyclopedia Morphology, Anatomy and Physiology in Plants Special Character. Forms of preparation of encyclopedia books on plant anatomy and physiology of this particular character contains 5 types of plants that have special characters, such as cactus plants, oil plants, plant water hyacinth, lotus plants and banana plants.

## 2. RESEARCH METHODS

Research used by researchers is the Research & Development (R & D) or so-called research and development according to Sugiyono. Then the product validation process by Borg and Gallresearch and development is a process used to develop and validate productsincludes the design stage, the design by using the software Correl Draw X7. Later stages of the product print instructional materials encyclopedia, using the paper type Art Papper. then hard cover to cover on teaching materials encyclopedia. the paper size ratio A514.85cm x 21 cm. The next stage of product validation teaching materials encyclopedia to 9 expert validator.

In this study, which is the object of researchers at Encyclopedia Archipelago the study population are students of class X of SMAN 4 Blitar. With the number of 105 students. As for the sample taking purposive sampling in this study sample used for the development of instructional simulation Encyclopedia Archipelago are students of class X MIPA 3 with the number of students 35 students. While the data analysis is done by calculating the percentage of Likert scale score results obtained from the instrument validation.As the following table:

**Tabel.1 Percentage Likert scale score results of the validation**

Score	critierion scores
1	Not feasible
2	Less worthy
3	fairly decent

4	worthy
5	very decent

Criteria validation and validation of the items on the instrument, determination of the level of validity and product revision of the third expert validator. as the following table:

**Tabel. 2 Determination Of The Level Of Validity And Revision Products**

Percentage	Criteria Valid
81-100	very valid
61-80	Valid
41-60	enough valid
21-40	less valid
0-20	Invalid

(Source: Arikunto, 2006: 276)

Guttman scale on the table this research are used to determine how much the number of responses from students, which is a positive response and negative response to the product encyclopedia that has been made.

The following table Guttman scale has been created:

**Tabel. 3 Guttman scale**

Positive response	8-15
Negative response	0-7

### 3. RESULTS AND DISCUSSION

Pancasila and Citizenship Education (PPKn) is one of the subjects that must be taught in secondary education with the aim to form students to be human beings who have a sense of nationalism and love of the homeland. This causes that the learning PPKn more emphasis on affective aspects without ignoring the cognitive and psychomotor aspects. Learning that is affective contains many aspects of values, beliefs, attitudes and feelings that are not easily achieved in a short time, so it takes a process and the time and effort in earnest, well-planned and sustainable.

Of the problem, so the researchers are interested in developing the Encyclopedia Archipelago in the Context of the Homeland. However groove on research conducted only until the revision of the results of validation, further trials on the encyclopedia of instructional simulation, which aims to investigate the response of the students. This causes limitation learning time refers to the curriculum, making it impossible to conduct a trial Encyclopedia Archipelago in the Context of the Homeland appropriate implementation of learning in the curriculum in force.

In the first step in making the encyclopedia to be done is to determine the learning material that is material in the context of the Homeland archipelago insight on the material grade X SMA / MA Semester even. In the initial design encyclopedia archipelago insight in the context of the Homeland, researchers used a version of the application Correl Draw X7. In making the cover design and the contents of the book Encyclopedia of Archipelago in the Context of the Homeland, researchers used a version of the application Correl Draw X7 are then printed A5 size dean 14.85cm x 21cm with paper type Art Papper. In this

encyclopedia covers the front and back cover design, while the design of the contents of a light blue.

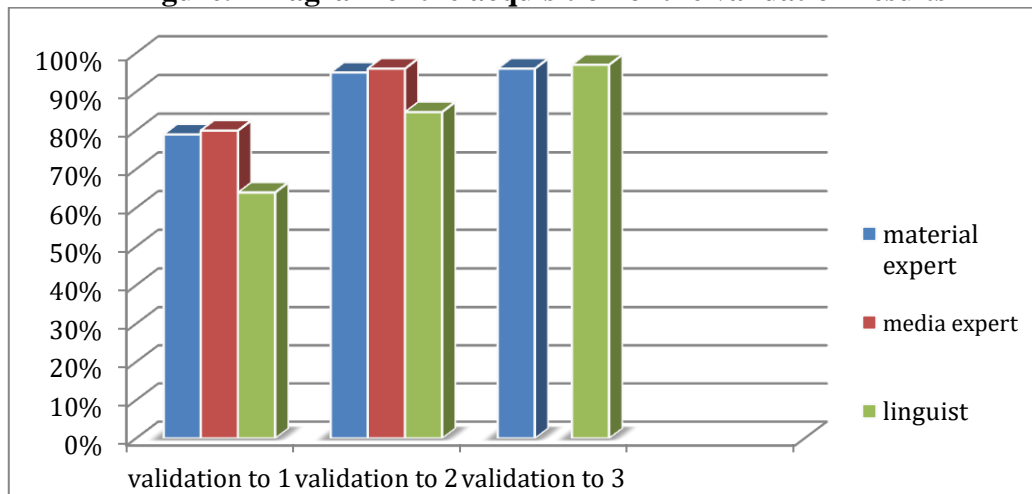
Calculation results through 3 validator experts in their fields, among others; subject matter experts, media specialists, and linguists. validation was conducted to determine the percentage that developed from these products. The tests carried out in the form of number of average scores have been obtained with these results, and in the form of criticism and suggestions from the validator. The results of the validation three expert assessment listed in the following table:

**Table. 4 validator validation results by 3 experts**

No	validator expert	Percentage	Criteria	Suggestion
1.	expert Content	79%	Invalid Revision	1. KI-KD please include 2. Create a clear material that is easy to understand 3. Adjust to the description of the eligibility criteria 4. given referral
		95%	very valid	-
		96%	very valid	-
2.	expert Media	80.8%	very valid	-
		96%	very valid	-
		-	-	-
3.	Linguist	64%	Invalid Revision	1. There is no coherence between the definitions and explanations 2. There are a lot of mistakes capitalization, choice of the term, and the coherence-coherence sentence / paragraph that is not quite right 3. Less consistent in describing the definition of the term
		84.8%	valid	-
		97.3%	very valid	-

The results of the final percentage, of validator matter experts acquire a percentage of 96% with a very Invalid criteria. Then the final percentage results from media expert validator obtain a percentage of 96%. Further results of the final percentage, of validator linguists earn a percentage of 97.3%.

**Figure.1 Diagram of the acquisition of the validation results**



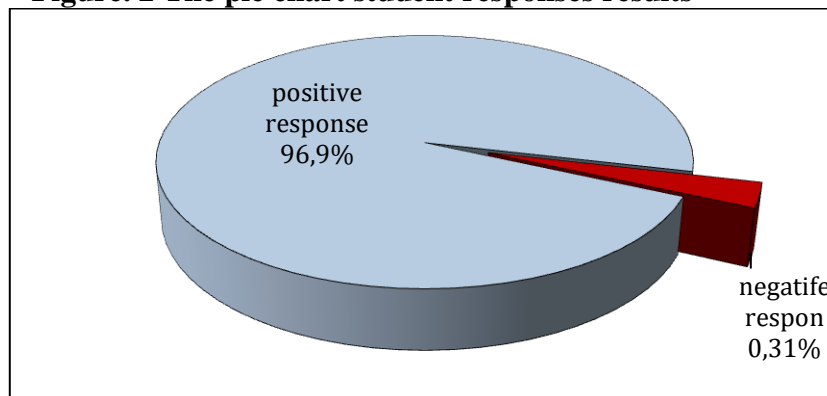
In the bar chart results of the first validation, validation of the second and third validation showed an increase in gain scores. Furthermore, researchers tested the product in SMAN 4 Kota Blitar, researchers needed three encyclopedia due to the lack of cost, so as to form three groups in class X MIPA 3. After the researchers gave a questionnaire responses of students consisting of 35 students. Encyclopedia students' response to get a lot of positive response, following the acquisition of the results of student questionnaire responses were obtained:

**Table.5 Acquisition of percentage of student responses**

Number of respondents	Total score	Percentage	Category
35	509	96.9	positive response

Based on the total score of the questionnaire responses of 509 students above, and the acquisition of the percentage of positive response of 96.9%. This proves that encyclopedia accurately received a positive response. Here are the results of the pie chart student responses were obtained:

**Figure. 2 The pie chart student responses results**



In the pie chart above is the result of the acquisition of a positive response and negative response from the students to the encyclopedia. the number of positive responses

by 96.9% and amounted to 0.31% negative responses and prove that the encyclopedia is very interesting and effective use.

#### **4. CONCLUSION**

In the second validation validator matter experts acquire a percentage of 95%. Then the media expert validation obtain a percentage of 96%. While validation linguists obtain a percentage of 84%. Then In the third validation validator matter experts acquire a percentage of 96%. As for the third media validation can not be found, because the archipelago insight encyclopedia product validation is feasible to be used in the field trial. Then for validation linguists earn a percentage of 97%.

Then do the instructional simulation product testing to students, to find a positive response and negative response. In response to student acquisition results in the encyclopedia that is the acquisition of a positive response and negative response. a positive response of 96.9%. While the negative response of 0.31%. This proves that the encyclopedia is very attractive and effective for use in learning PPKn.

#### **5. SUGGESTION**

Product encyclopedia archipelago insight can be used as a source of learning and student learning companion book independently in school. Additionally Enables teachers to use the media that fariative in presenting the material in class X.

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