Project based Learning and Local Wisdom in the Multikultural Society in Indonesia

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Abstract: The study determine the effect of the implementation of project based local wisdom learning in order to meet the era of disruption by involving students in the assignment through exploration of regional potential so that students have a sense of pride in Indonesia. This research uses meta-analysis technique, which is the technique of selecting deliberate scientific documents such as journal articles and research reports. The results of data analysis are presented in the form of percentages and descriptions as a result of the research encountered. The results of the study show that project based local wisdom learning can support the strengthening of character education programs in the 2013 curriculum.

1 INTRODUCTION

Indonesia was struggling to harmonize globalization, the impact of increasingly sophisticate children using digital technology recorded by KPAI for digital crime and pornography cases as much as 7.87% of cases that need guidance and direction from three education centres in Indonesia (teachers, parents, and the community) for minimize this. According to the Government Regulation of the Republic of Indonesia Number 40 of 2011 concerning coaching, assistance, and recovery of children who are victims or perpetrators of pornography. In Chapter III Article 18 regarding assistance that reads "Governments and regional governments in accordance with their authority, social institutions, educational institutions, religious institutions, families, fund know that the community must carry out assistance to children who are victims or perpetrators of pornography.

The description refers to the role of third centered education that jointly anticipate and carry out joint rehabilitation of children of perpetrators or victims of pornography in Indonesia. Such assistance can be carried out by conducting intensive supervision and fostering a sense of ownership of the child so that his existence can be recognized and desired by the community. In educational institutions that are now using the 2013 curriculum which leads to the planting of characters from an early age starting from elementary school can

support preventive pornography actions among school children through learning in school.

School learning culture that is realized through the application of local wisdom-based learning supported by project assignments in diverse communities in Indonesia is expected to help students recognize the local culture and potential of each region in order to grow into a unique generation with cultural characteristics from each region.

Through the introduction of local culture towards students in Indonesia, it is expected to be able to help government "Nawa Cita" programs data from (Pusbindiklatren Bappenas, 2017) that are relevant to education in Indonesia, namely building Indonesia from the periphery by strengthening regional and rural areas within the framework of a unitary state and revolutionizing the nation's character through a policy of restructuring the national education curriculum. by prioritizing the aspect of citizenship education which places proportionally aspects of education such as the teaching of the history of national formation, the values of patriotism and love of the homeland, the spirit of defending the country and character in the Indonesian education curriculum.

Indonesian people with diverse ethnic backgrounds make Indonesia rich in ethnicity, culture, language, religion and need character planting that is adapted to the local wisdom of local culture. Separate islands in Indonesia are united by

vast stretches of ocean. Therefore, learning in schools needs to be designed in accordance with local strengths and the provision of projects based on local wisdom in Indonesia so that students find their own character based on the characteristics of each tribe in each region in Indonesia.

This is supported by the change in the curriculum in Indonesia which originally used the education unit level curriculum to be the 2013 curriculum which prioritizes learning designed using core competencies which consist of four achievement competencies namely KI 1 emphasizing on religious aspects, KI 2 related to social aspects, KI 3 related to knowledge, and KI 4 is an aspect of skill.

2 METHOD

This study uses a meta-analysis. Meta-analysis is an integrative study in analyzing several literature sources to be reviewed in the same scope of the problem. Researchers used statistical analysis to determine the effect size. Effect size is the strength of the relationship between variables and to find out the differences between variables. Data analysis used in this study is quantitative analysis in the form of percentages based on the effect size findings.

3 RESULT AND DISCUSSION

The sample of the present study was collected from 18 (eighteen) research articles in which it is aimed to figure out the influence of mathematics video learning toward cognitive and affective aspects of the students.

Table 1: Research Population / Sample.

No	Research Population/ sample	Frequency
1	Elementary School	5
2	Junior High School	5
3	Senior High School	3
4	University	1
	Total	14

Previous research in this research sample aims to implement project-based learning strategies and local wisdom in multicultural communities in Indonesia. Based on the analysis of 14 studies, it was found that the purpose of using learning strategies based on local wisdom and project-based as follows

Table 2: The Analysis Indicates through Project-Based Learning Models and Local Wisdom.

No	Research objectives	Elementery	Junior	Senior	Univ	Freq	%
1.	Increase sensibility	2	3			5	19,23
2.	Level of creativity	3	2	1	1	7	26,92
3.	Effectivity of strategy	6	4	3	1	14	53,85
	Total					26	100

Based on the analysis of 14 previous research articles, mentioning that students with a multicultural background in Indonesia can understand learning that combines local learning with project-based learning. Through learning local wisdom in general, it can increase sensitivity to local culture. In project-based learning students are more creative in honing the task of completing tasks. And in general the level of effectiveness of the learning model to be implemented in learning is quite high.

In table 2 above, the findings of data analysis indicate that students' sensitivity abilities can be raised through project-based learning models and local wisdom with a percentage of 19.23%. In the aspect of creativity shows the percentage of 26, 92% which means higher value than the character aspect formed. In accordance with the purpose of the study to determine the effectiveness of both learning models, this can be proven through the deepening of material for students as well as the direction of growing early characters that are built through local wisdom. Thus, being able to make the collaboration of project-based learning models and local wisdom reach a high effectiveness level of 53.85%.

4 CONCLUSIONS

The conclusions that can be obtained based on simple percentage analysis and discussion on 14 previous research articles are project-based learning models and local wisdom can be recommended to be applied to classroom learning for multicultural Indonesians. The collaboration of these models has an impact on increasing sensitivity (empathy) and encouraging students to creatively solve problems in project assignments.

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