



Integrating Local Wisdom-Based Learning To Preparing The Pancasila Students' Profile, Yes or No?

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ABSTRACT

The integration of local wisdom in the field of education has become a hot topic in Indonesia. Hence, there is an opportunity for the implementation of local wisdom in learning. This research is a type of qualitative research with data collection techniques using the library research method. This study aimed to find the implementation of local wisdom in learning through a literature review. The results findings show that there are some benefits of integrating local wisdom based in School, especially to equip the elements of profile Pancasila characteristic in classes. The chance of using local wisdom based in school is also still wide open due to much research on the exploration of local wisdom still not being conducted in class yet, and some of them still need improvement and development. Furthermore, the implications of this research tend to convenience further research to do an improvement and development of using local wisdom based on learning context. Some exploration might be can interfere with by any model of learning or approach or methods, to increase students' profile Pancasila.

INTRODUCTION

The integration of local wisdom in the field of education has become a hot topic in Indonesia. Local wisdom is the accumulation of knowledge and policies that grow and develop in a community that summarizes theological, cosmological, and sociological perspectives (Afiah et al., 2018). Local wisdom is a community's insight or indigenous knowledge derived from the noble worth of cultural traditions to manage the order of people's lives (Albantani & Madkur, 2018; As'Ari et al., 2019; Pramesti et al., 2019; Savira & Tasrin, 2018; Sembiring et al., 2019; Uge et al., 2019). According to Article 3 of the Law of the National Education System of the Republic of Indonesia No. 20 of 2003, "National education has a function to develop the capability and form the character and civilization of the dignified nation to educate the nation's life, aiming to develop the potency of the learner to being a human, who has a belief and fear to the Almighty God, noble, healthy, knowledgeable, capable, creative, independent, and become a democratic and responsible citizen." (Fisher & Kusumah, 2018; Helda & Syahrani, 2022; Komara, 2017; Putra, 2019). However, the process of academic learning reflects the deterioration of local values and wisdom, which have been destroyed by the movement of international education (Aminin et al., 2018; Sumardjoko & Musyiam, 2018). To preserve local culture, the development of learning media and curricula based on local wisdom began to be developed a lot.

One of the efforts to develop culture through education is the existence of a learning program based on the ideology of Pancasila that can create students with a Pancasila profile. The life of the Indonesian nation requires the implementation of the noble values contained in Pancasila that reflect the original personality of the Indonesian people (Nurgiansah, 2021; Sulianti et al., 2020). The Pancasila Student Profile Program is

in line with the vision and mission of the Ministry of Education and Culture, namely realizing Indonesian students as lifelong students who have global competence and behave following Pancasila values (Inayah, 2021; Novera et al., 2021; Nurasiah et al., 2022; Rachmawati et al., 2022; Rusnaini et al., 2021; Sherly et al., 2021; Sulianti et al., 2020). The values contained in the profile of Pancasila students are the values of faith, piety to God, noble character, independence, cooperation, global development, creativity, and critical reasoning (Anita et al., 2022; Hidayah, 2021; Putri & Handayani, 2022; Uktolseja et al., 2022).

Therefore, learning based on local wisdom to realize students with a Pancasila profile is being carried out in Indonesia. As well as the development of digital media *wayang sukuraga* which has four contents, namely simulation, knowledge, info, and quizzes. The digital media can be accessed or downloaded by all people on google play and hopes that it can become a medium that helps teachers in developing and implementing character values in students (Nurasiah et al., 2019; Sari et al., 2022). Other research related to the excavation of the character of Prince Diponegoro shows that it is relevant to the profile of Pancasila students, namely global diversity, cooperation, creativity, critical reasoning, independence, faith, piety to God, and noble character. Meanwhile, the integration of Prince Diponegoro's character values in the curriculum can be done in four stages, namely planning, implementation, evaluation, and implications for schools, teachers, parents, and students (Istingsih & Dharma, 2021). Furthermore, the implementation of character education based on ecological wisdom can increase honesty, social care, and care for the environment of students with the concept of independent learning to be able to give birth to a more advanced and independent generation (Faidin et al., 2022; N. N. Hidayati, 2020; Polii & Permana, 2021; Syahri et al., 2020). Hence, there is an opportunity for the implementation of local wisdom in learning. So, the researcher conducted a study to find out the results of previous research related to the implementation of local wisdom in learning through a literature review. This is also done so that further research can make improvements, developments, and innovations to the recommendations and implications of this study.

The research objective of this research is to further examine the impact of the use of local wisdom in education in Indonesia to support the Pancasila profile character program.

RESEARCH METHOD

This research is a type of qualitative research with data collection techniques using the library research method. The qualitative technique was chosen because it allows for detailed descriptions of the meaning of occurrences and makes identifying the kind of evidence influenced by change easier (Aflisia et al., 2019; Atmowardoyo, 2018; Yanti & Syahrani, 2022). A comprehensive review of the literature aids in the evaluation and understanding of theme areas (Lovell, 2018; Natarajarathinam et al., 2021; Ramírez-Montoya et al., 2022; Santos et al., 2019; Torres-Carrión et al., 2018). This study carried out fifteen articles to be analyzed in the theme of local wisdom that integrated to education representative of each keyword. Furthermore, the research flowchart is shown in Figure 1.

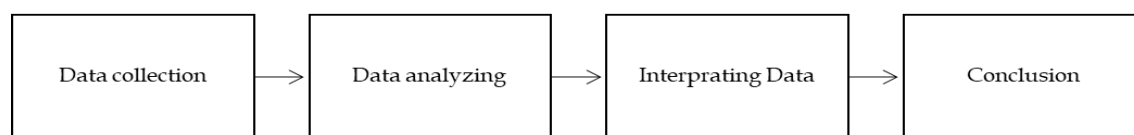


Figure 1. Research flowchart.

Figure 1 show that flowchart of the research. The first initial stage is to collect the data through google Scholar due to its flexibility (Jowsey et al., 2020; Khorram-Manesh, 2020; Sultan, 2010). A total of fifteen articles were analyzed by the author(s), year, citation, findings, and recommendations. These fifteen articles are chosen as representative of each keyword to fulfill the research objectives. The third stage is to interpret the data on the articles descriptively to explore the findings of the articles. Finally, the researcher concludes the findings to answer the research objectives.

RESULTS AND DISCUSSION

A total of fifteen articles were analyzed by the author(s), year, citation, findings, and recommendations. The literature review results of several studies on integrating local wisdom into education can be seen in Table 1 in **the appendix**. The results findings show that through audiovisual media that combines local cultural wisdom, children are more interested in fairy tale videos or fairy tales told by educators in the classroom. In line with Tzima et al., (2020) that digital storytelling has multiple benefits for students' learning process and opens a new tool for teaching in school. The result of this study also shows that children who dare to come to the front of the class convey the moral message contained in fairy tales. In addition, children are also quite good at knowing moral messages and can apply moral messages in their activities at school.

Furthermore, it can be seen that a media pop-up book based on local wisdom on thematic learning is valid and practically used in the learning process for elementary school. Pop-ups are three-dimensional and practically engaging by definition (Qi & Buechley, 2010). The example of a pop-up book is likely in Figure 2.



Figure 2. Pop-up book.
(Source: Permana & Sari, (2018))

From other findings, research, and development of animated videos based on local wisdom in grade V science lessons in elementary schools, it can be concluded that this media is included in the category of very valid and interesting, and practical. The advice that researchers can convey is so that further research can be carried out regarding the effectiveness of the products that have been developed in this study. An introduction, menu, fundamental skills and indicators, simulations, practice problems, and local knowledge are all included in the development model. The model efficacy test demonstrates that the service model is used in the learning experience of the educator (Qi & Buechley, 2010). Figures 3 & 4 are shown the example of an animated video based on local wisdom learning.



Figure 3. Animation video-based local wisdom in learning.
(Source: Hamidiyah et al., (2021))



Figure 4. Animation video based on Tri Kaya Parisudha local wisdom.
(Source: Sandra et al., 2022))

Based on Objectives Research

Table 1 shows that there has been a lot of exploration of local wisdom. This is of course implemented in the world of education by having excellent validity, reliability, and practicality (Effendi, 2019; Suardi & Syarifuddin, 2018; Sumardi & Wahyudiati, 2021; Sundari et al., 2021; Szymkowiak et al., 2021; Widyaningrum, 2018; Zidny et al., 2021).

Also, there are a lot of benefits of using local wisdom in education such as expression of gratitude to God for the creating the amazing wisdom (Utami et al., 2018), the nation character development model's viability, and multicultural education (Suardi & Syarifuddin, 2018), attitude toward science (Suprpto, 2019), multicultural education (Sundari et al., 2021), increase the learners' tolerance attitude (Widodo et al., 2020).

The study of exploring local wisdom through some disciplines is still wide and it is still not being implemented in school. The exploration of *Engklek* in physics concept (Rizki et al., 2022), Milkfish cultivation in physics concept (Citra et al., 2022), *Kayangan api Bojonegoro* in physics concept (Lestari et al., 2022), *Ogoh-ogoh* as Hindu philosophy local wisdom in physics concept (Saphira et al., 2022), ethnomathsains to *Lumpia* in mathematic learning (Anjarwati et al., 2021), *Sasak* local wisdom in chemist concept (Wahyudiati & Fitriani, 2021), *Manongkah Kerang* in Riau, as science learning exploration (Ilhami et al., 2021), local wisdom as character linguistic learning (Sunaryo et al., 2017) and many more. Therefore, it is still wide open to implementing the local wisdom based on education with some improvement to integrating the students' profile Pancasila.

CONCLUSIONS

Based on the findings and discussions, there are some benefits of integrating local wisdom based in School, especially to equip the elements of profile Pancasila characteristics in classes. The chance of using local wisdom based in school is also still wide open due to much research on the exploration of local wisdom still not being conducted in class yet, and some of them still need improvement and development.

Furthermore, the limitations of this research are not in specific learning models and material subjects. This study only tends to explore the use of any media or aids or tools in the classroom that integrated local wisdom-based. Hence, the implications of this research tend to convenience further research to do an improvement and development of using local wisdom based on learning context. Some exploration might be can interfere with by any model of learning or approach or methods, to increase students' profile Pancasila.

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Appendix

Table 1. Literature review of 15 articles in local wisdom integrated into education.

No.	Author(s)	Journal	Findings	Recommendations
1.	Darihastining et al., (2020)	Jurnal Obsesi: Jurnal Pendidikan Anak Usia Dini	Through audiovisual media that combines local cultural wisdom, children are more interested in fairy tale videos or fairy tales told by educators in the classroom. The result of this study is that children who dare to come to the front of the class convey the moral message contained in fairy tales. In addition, children are also quite good at knowing moral messages and can apply moral messages in their activities at school.	This research can build a good mindset and personality and shape children as members of society and citizens who are religious, nationalist, productive, and creative. Thus, it is good that the development of audiovisual media that combines local cultural wisdom can be implemented in other schools.
2.	Nabila et al., (2021)	Jurnal Basicedu	This study aims to develop teaching media products in the form of pop-up book media based on local wisdom. Based on the results of the study, it can be seen that a media pop-up book based on local wisdom on thematic learning is valid and practically used in the learning process.	Because the results show a valid and practical level, subsequent research can implement pop-ups in elementary schools. Meanwhile, subsequent research could develop a pop-up book on other thematic material.

No.	Author(s)	Journal	Findings	Recommendations
3.	Lukman et al., (2019)	Elementary	<p>This study aims to develop animated videos of science learning water recycling materials and natural events based on local wisdom. Based on the results of research and development of animated videos based on local wisdom in grade V science lessons in elementary schools, it can be concluded that this media is included in the category of very valid and interesting, and practical.</p>	<p>The advice that researchers can convey is so that further research can be carried out regarding the effectiveness of the products that have been developed in this study. In addition, research and development of animation media using adobe collection CS6 software for other science learning materials so that more interesting products are produced that can make it easier for students to understand the material.</p>
4.	Sumardi & Wahyudiati, (2022)	Numerical: Jurnal Matematika dan Pendidikan	<p>The purpose of this research is to create students' worksheet goods based on Realistic Mathematical Education (RME) with local wisdom of DAM Raman and Capit Urang Metro tourist items on KPK and FPB materials that are appropriate for usage and successful in mathematical problem-solving abilities. According to the findings of this study, the development of RME-based LKPD products with local knowledge is deemed viable based on expert validation results and is practical to use in terms of attractiveness, convenience, and utility. RME-based worksheets improve learners' mathematical problem-solving ability.</p>	<p>Intend the terms of attractiveness, convenience, and utility, hence further research must investigate the implementation of this student's worksheet in school.</p>

No.	Author(s)	Journal	Findings	Recommendations
5.	Asrial et al., (2022)	Jurnal Penelitian dan Pembelajaran IPA	The purpose of this article was to examine the local wisdom of the nek pung dance and the educational curriculum that may be related and implemented into science instruction. The study of the data revealed that the local wisdom of the nek pung dance may be implemented into 4th grade on the theme. In learning 1, one of the abilities is scientific proficiency.	It is hoped that there would be widespread support from stakeholders for incorporating local wisdom into the educational curriculum. As a result, it can assist shape the traits of good academics while also maintaining existing local wisdom.
6.	Hartini et al., (2018)	Jurnal Pendidikan IPA Indonesia	The goal of this study was to create practicable physics educational materials that were combined with local wisdom based on validity, practicability, efficiency, and personality accomplishment. The results showed that Physics learning is possible using physics courseware based on the local wisdom to train saraba kawa characters.	Hence, further research needs to research to digest the students' profile Pancasila due to the implementation of this courseware. The importance of the findings provides insight to the government, academics, politicians, and educational groups.
7.	Arizaldy et al., (2021)	Unnes Science Education Journal	The purpose of this research is to examine the potential of the Lubuk Larangan region as a device for learning science. The application of Lubuk Larangan's local wisdom in Rantau Keloyang has the potential to strengthen the science concept obtained through learning, making it an alternate solution source of academic achievement to comprehend a concept, such as the idea of reinforcing environmental sustainability teaching through environment sustainability attempts.	This research may be utilized to initiate natural science learning materials that are currently deficient in learning by doing to enhance local knowledge in education.

No.	Author(s)	Journal	Findings	Recommendations
8.	Darmadi, (2018)	Journal of Education, Teaching, and Learning	<p>This study aims to Local Wisdom-Based Education Administration</p> <p>Qualitative analysis from a descriptive standpoint, analyzing data and facts discovered in theoretical and practical research. The optimization of character education based on local wisdom via learning may begin the process of strengthening national character. Contextual and contextual learning can help to capture cultural knowledge difficulties.</p> <p>Local knowledge and culturally based learning are extremely applicable.</p>	<p>It is necessary to support the deployment of local wisdom. Especially in a cosmopolitan region like Indonesia, the literature should be explored again.</p>
9.	Ernawati et al., (2018)	The Journal of Educational Development JED	<p>The goal of this study is to explain (1) how to execute character education based on local knowledge, (2) how to handle teaching methods based on local wisdom, and (3) what elements impact peer mentoring monitoring based on local wisdom. The findings of this study could be used as a guide for planning ahead of the monitoring of local-based classroom instruction in early childhood education, as well as providing insight for PAUD managers in creating and maintaining the model of identity educational development, application, and oversight based on local wisdom.</p>	<p>The researchers make the following recommendations. The necessity to build the notion of quality education, which includes outstanding educational qualities (truthfulness, integrity, responsibilities, communication ability, and self-control) as well as religious consciousness (sincerity, exemplary behavior, and loving compassion).</p>

No.	Author(s)	Journal	Findings	Recommendations
10.	Budiarti & Harlis, (2020)	Universal Journal of Education Research	The focus of this research is to look at critical thinking skills utilizing video learning based on local wisdom. There is a considerable difference in critical thinking and learner capability between the experimental and control group. It should be noted that video learning based on local wisdom When compared to other groups, has a considerable impact on student's critical thinking skills.	It is advised that pre-service teachers be provided the chance to get firsthand experiences and knowledge through lecture sessions. To enhance diverse learning abilities in students, instructors must use teaching aids such as teaching videos based on local wisdom.
11.	Hidayati et al., (2020)	International Journal of Instruction	The purpose of this study was to look at options for implementing local wisdom-based education amongst Indonesian higher education students, with an emphasis on the ideals stated in the Samin Community's Jamuskalimasada book. The results indicated that students should be taught character education in higher education based on the local wisdom could be accomplished by incorporating values and aesthetics into the course, internalizing positive values in students, exposure and mentoring, supplying illustrations and concept, and generating characterized situations based on local wisdom, and civilizing.	Potential researchers may pursue a similar study in which they use local wisdom-based character education for higher education students to maintain and educate native culture to adolescents.

No.	Author(s)	Journal	Findings	Recommendations
12.	Irwansyah et al., (2020)	Journal of Physics: Conference Series	<p>The research's goals are to (1) evaluate the phases of constructing biology teaching aids based on the feature education integrated with truly sustainable wisdom, (2) establish the authenticity, practicability, and efficiency of biology learning material based on character education embedded with support ecological wisdom, and (3) identify the effects of biology learning material based on character education embedded with support ecological wisdom. The results of this research show that constructing biology teaching materials based on character education and supporting ecological knowledge is legitimate, practical, and beneficial in improving students' 21st-century attitudes.</p>	Due to its validity, practicality, and efficiency, hence, future research recommended implementing this learning media in other schools and analyzing how it impacts students.
13.	(Suarmika et al., 2020)	Journal of Physics: Conference Series	<p>The goal of this research is to investigate indigenous science based on Balinese local wisdom that may be employed in science education in schools. Based on the research findings, there are three aspects of science in Balinese local wisdom that can be employed in science learning: firstly, local wisdom has an element of natural science; secondly, local wisdom is a scientific outcome; and finally, local wisdom as a process of science.</p>	<p>As a result, by incorporating local wisdom into learning, it may be used as a learning material for scientific. Learning that incorporates local wisdom and provides valuable learning. Significance is defined as learners studying in the framework of their being and knowing (competency to be achieved)</p>

No.	Author(s)	Journal	Findings	Recommendations
14.	Suarmika et al., (2020)	Journal of Physics: Conference Series	<p>The goal of this research is to include ethnomathematics with augmented reality (AR) technology for learning geometry. The findings revealed that (1) ethnomathematics values such as uma lengge traditional home, ethnic karo houses, wa rebo traditional house, demak grand mosque, and kaghati kolape kite may be utilized as marker objects using AR technology to illustrate geometrical concepts; (2) The design stages include developing integrative principles, AR displays, and feature learning. (3) The findings of the adaptation analysis can (a) aid to boost learning interaction activities, (b) improve conceptual comprehension and geometric visualization, and (c) offer knowledge to Mathematics pre-service teachers in Indonesia about ethnomathematics and local wisdom.</p>	<p>This research may be utilized to initiate natural science learning materials that are currently deficient in learning by doing to enhance local knowledge in education. Hence, it is necessary to implement this learning media in school to implement the students' profile Pancasila.</p>
15.	Nurannisa et al., (2020)	JTAM (Jurnal Teori dan Aplikasi Matematika)	<p>This study focuses on the conceptual design with a focus on the literature evaluation to identify the right integration of local traditions of Maddawadawa, Mammanu-manu, and Mappettuada with Android applications that are student-centered in learning. The outcomes of this design are projected to give an alternate way of strengthening students' extrapolation abilities, particularly in mathematics learning, by incorporating local customs into the learning process.</p>	<p>This learning design is designed to give alternative ways for boosting students' extrapolation abilities, particularly in mathematics, by utilizing a pearl of local wisdom in the learning process. Hence, future researchers may pursue a similar study in which they use local wisdom-based character education for higher education students to maintain and educate native culture to adolescents.</p>