

## Literature Review : Development of Digital Pop-Up Book Learning Media for PPKn Learning Material My Country Indonesia in Elementary Schools

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### ARTICLE INFO

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### ABSTRACT

The purpose of this article is to discuss pop-up book learning media used in elementary schools to help students learn. This is a literature review using content analysis techniques. To improve students' reading skills in elementary schools, researchers studied research and other written works that were relevant to the topic of the article in pop-up book learning media. Researchers go through several stages in reviewing previous research, such as selecting relevant research, collecting data and information for study, determining the state of the art of research that has been analyzed, developing the results of information analysis and assembling them into a conclusion. The results of this research can be concluded that the existence of learning media is a very important thing in Civics learning, especially at the elementary school level. It is necessary to utilize learning media to achieve the learning objectives desired by the teacher.

### Introduction

Education is an important aspect of human development, as well as a tool for human progress in various aspects of social, economic, technological, skills, noble character, security, prosperity, culture and national glory. Educational institutions are places that manage people with the aim of producing superior humans (Sholeh, 2019). Elementary school is a place where students can take basic education to achieve a higher level of education. Students can use basic education to advance or continue to higher level education. There are many subjects taught in elementary school and one of them is Civics. Citizenship education is education that reminds us of the importance of the value of the rights and obligations of a citizen so that everything that is done is in accordance with the goals and ideals of the nation and does not deviate from what is expected (Dewanti, 2018). Education has been improved from the start, from the most basic level to the highest level, in order to develop competent citizens who can live happy and fulfilling lives. The aim is to form competent citizens so they can live happily and independently (Masturah, 2018). Citizenship education is democratic education which aims to prepare citizens who think critically, act democratically, through activities to instill awareness in the new generation and a form of life that best guarantees the rights of citizens (Erica, 2021). Citizenship education is democracy which has the aim of educating the younger generation to become democratic citizens and participate in educational dialogue. Political education helps students become mature citizens, participate in and create a democratic political system. Citizenship Education is a teaching medium that educates students consciously, intelligently and responsibly, the results of which show that the Civics program covers various topics, including government, politics and national law as well as other theories that are relevant to the goals to be achieved (Nabila, 2021). The use of technology in education can help teachers explain material better, increase student engagement and generate new creative ideas. Education is an important component of the entire education system and the role of teachers in student development must be understood, the possibilities for teachers and students must be considered and paid attention to (Syofyan, 2020). Teachers must have a responsible attitude towards the discipline they are given by indicating that the status of educators is not just as an

employee. Educators as learning planners, learning managers, reviewers of learning outcomes, trainers and student mentors make up the role of educators in schools (Suroiha, 2022).

Media functions to convey messages or information, which functions to send messages from the sender to the recipient to respond to the recipient's feelings, attention, thoughts and interests in the learning process (Ningtyas, 2019). Visual media is one of the learning media, namely illustrations, sketches, graphs, lines, tables and combinations. Reality, symbolic and artistic representation of objects or situations Visual stimulation leads to good learning outcomes for memorizing, knowing and connecting facts and concepts and one of them is digital pop up book media. Pop up books are small, colorful books measuring 2-3 inches, designed to be easy to read and study. Digital versions offer a visual representation of the material, making them more interesting and interesting, unlike traditional illustrations which may appear as separate items (Oktaviana, 2020) . Digital pop up books make it easier for students to study the material developed. The use of digital learning is also practical, not easily damaged, can be accessed at any time, and stimulates enthusiasm for learning. Pop up books contain excitement for students, parents and teachers, and the media that children will read will attract their hearts (Ulfa, 2020). Digital pop up book media has various benefits for children's love of reading, increasing children's love of reading, bridging the relationship between real situations and symbols, and helping talented students with skills in developing critical and creative thinking skills (Hidayah, 2020). Some of the advantages and disadvantages of digital pop-up books include providing a better representation of the material, being easily accessible at school, being interactive, having clear content, using interactive material, offering unique content, promoting local interests, and providing more content. detailed and interesting. However, this material also has limitations such as not being suitable for other materials, taking a lot of time, and requiring high quality. Learning is a learning medium that attracts students' attention. Learning teachers are facilitators who must carry out various kinds of material so that it is easily understood and accepted by students. Audio visual media and digital pop-up books are learning media (Puspita, 2022).

## Research Methodology

This research is a literature review research or literature study, which aims to obtain research data through literature searches using a research framework and sources from the literature with research data obtained from literature reviews or accredited journal articles and scientific works related to the problem, using content analysis techniques. in a flow with systematic stages, which include determining the research topic, determining data relevant to the topic, reading, taking notes, analyzing and processing data as well as drawing conclusions based on problems relevant to the research topic, and developing relevant conclusions (Surani, 2019). Literature reviews in journals are written briefly and clearly, so considerable diligence is required when using research methods such as literature studies to ensure that the results obtained are in accordance with the desired objectives (Izza, 2020).

## Results and Discussion

The findings of this article are in line with the findings of published studies. Researchers carry out a critical review of the content or results of previous research to obtain data that is relevant to the problem, after which various findings are categorized based on relevant research findings. Various studies using digital pop-up book learning media in scientific articles are as follows:

**Table 1. Pop-Up Book Media Literature Study**

No	Name	Title	Results
1	Yuni Fitriyah Ningsih, Nopi Hariadi, Imam Sugeng, Ardiansyah D. kandupi, Andri Wahyu Utomo, Apriliyan Putra Bimantoro	Development of Digital Pop Up Book Learning Media in PJOK Learning	This research aims to determine the development and validity of digital pop up book learning media for fourth grade PJOK elementary school students. This research used qualitative methods and the sample size was 41 IVA and IVB students. The validity of the research was obtained at 94.75%, which shows that learning media is effective and can be used effectively. The effectiveness of cognitive learning using learning media was 77.8%, and the overall response rate was 88. The findings of this research can improve students' conceptual understanding, motivation, motivation and learning outcomes, as well as have a positive impact on the use of digital pop-ups. book learning media.
2	Ni Komang Putriningsih, Made Putra	Pop-Up Book Media Oriented to a Scientific Approach	The research focuses on developing Pop-up Book media and assessing its validity. This is an R&D study using the ADDIE model. Research subjects include learning

		Elementary School Lessons r	objectives, learning strategies, learning media, and VSD students. Data collection methods use questionnaires and quantitative descriptive analysis techniques. The research results show that Pop-up Book media is very effective in achieving learning objectives, with a success rate of 93.75%. Research also finds that Pop-up Book media is effective in motivating students to learn. The empirical results of the research show that the use of Pop-up Book media can significantly increase students' attention and learning motivation.
3	Lina Marlina	Development of Pop Up Book Learning Media Subject Flip Builder Application Based PPKN Material on the Application of Pancasila in Context Nationhood Against Motivating Student Learning	This research aims to motivate the learning of class XI MIPA 2 students at SMA Negeri 5 Serang City, totaling 30 students using the Research and Development research method. This research uses Pop Up Book teaching materials based on the Flip Builder application to make learning more interesting and engaging. This application is especially useful for Civics subjects which often involve pictures of nations and countries. To increase student motivation, research suggests using images, videos, or animations to provide explanations and improve understanding. Feedback is also important for fostering two-way communication and helping students develop their abilities in class. Overall, the research aims to increase student motivation and learning outcomes in Civics subjects.
4	Desta Aulia Rachma Dwiningrum, Titin Sunaryat	Development of Pop Up Book Media to Improve Student Learning Outcomes In PKN Class III Subjects at SDN Mekarmukti 03 Bekasi Tahun Lessons 2022/2023	The research aims to understand the development of pop-up book learning media for Civics students, understand student responses to the contents of pop-up books, and understand the impact of pop-up books on student learning. The research uses research and development (R&D) methods with the Brog and Gall research process. This research also uses experimental methods, such as pre-test and post-test, to compare the effectiveness of using pop-up books with other learning methods. The results show that pop-up books are widely used as learning media, with a high level of validity for both students and teachers. The results show that the use of pop-up books can improve student learning outcomes significantly.
4	Desi Rahayu	Development of Pop-Up Books as Media Learning Structure Material Atom SMA Inshafuddin Banda Aceh	This research aims to determine the development of Pop-up Books media with an atomic structure and students' responses to this learning media. This research is a 4D research and development project, with the subject being student Inshafuddin Banda Aceh. Data collection techniques use validation and aggregation methods. The results show that Pop-up Books are widely used in atomic structure materials. Student responses to the Pop-up Book included 0% who were dissatisfied, 0.02% who were satisfied, 32% who were satisfied, and 66% who were satisfied.
5	Reita Nengsi	Development of Pop Up Book Media to Improve Class V Students' Cognitive Abilities Learning Environmental	This research analyzes data and research findings on the development of pop-up book learning media on environmental themes. Research found that the R&D gap is 10 years, including potential problems, data collection, media design, media validation, media review, product packaging, product packaging and mass production. The validity of the pop-up book design was

		Themed Science Our Friends	98.5%, with 3 respondents assessing it as high, 4 respondents assessing it as low, and 5 respondents assessing the quality of the pop-up book as high. The research results show that pop-up books are "very good" for learning media, with a confidence level of 95% and a confidence level of 95% for pop-up books.
6	Fika Nur Rehana Zulfa	Development of Pop Up Book Learning Media Audio-Based Material on the Classification of Living Creatures Class VII Middle School/MTS students	This research aims to validate audio-based learning media for class VII SMP/MTs students and provide a response to their needs regarding media development. The research and development process involves 4D modeling, with three research tasks: definition, design, and development. The research focused on class VII SMP/MTs students, with data collection through observation, questionnaires and analysis using numerical and descriptive methods. The research results show that audio-based learning media produced by students, media and teachers is very valid with an accuracy rate of 90% in the valid category. Low quality content was found to be highly relevant for 6 students, while high quality content was found to be highly relevant for 28 students.
7	Shynta Muhtar	Development of Pop Up Book Media Building Materials Space to Improve the Learning Outcomes of Class V Elementary School Students	This research aims to determine the validity, practice and effectiveness of Pop Up Book learning media in class V to improve student learning outcomes. This research, which is usually called R&D, uses the ADDIE model. This study found that the Pop Up Book development process had a high level of validator validity (93.32%) and a high level of practice (97.57%) among respondents. Media effectiveness was assessed through pretest and posttest with significant gains (0.77%) in the high category. The research results concluded that Pop Up Book learning media is widely used in teaching implementation.
8	Stefani Nadia G. Dula	Pop-Up Book Media Development on Earth's Surface Shape Material Class III Students SDN Mangunsari Semarang	This research aims to develop children's literature pop-up book learning media with a focus on content, teacher needs and student satisfaction. This research used research and development (R&D) methods and involved 20 class III students at SDN Mangunsari Semarang. Data collection techniques include the t test and Ngain. The research results show that pop-up books have high content and media content, with 100% content and high content and media content. Pop up books also have a significant influence on student learning outcomes with a t-test value of 9.72 and a post-test value of 0.44. The research concluded that the use of pop-up books in children's literature has a significant impact on student learning outcomes, making it an effective alternative in teaching.
9	Princess Ningsih Rahayu	Pop-Up Book Media Development in Class IV SD/MI Thematic Learning	This study focuses on the challenges faced in the Municipality of Masyariqul Anwar Bandar Lampung and District 04 Gedong Air Bandar Lampung, namely the lack of varied learning media and the lack of resources and materials in the learning process. The research aims to develop pop-up book learning media to overcome these problems and determine the validity of pop-up book learning media. The research uses research

			and development methods which include data collection, product design, product validation, product review, and product revision. The product was validated with six doses and two respondents, media, materials, and language. The research results show that pop up book learning media has a high acceptance rate, with media having a high acceptance rate of 81.91%, material having a high acceptance rate of 87.62%, and language having a high acceptance rate of 87.78%.
10	Nova Nugrahaeni, Yatim Riyanto, Hendratno	Development of Culture-Based Pop Up Book Animation Video Media West Papua Local to Increase General Knowledge and Literacy Culture of Grade IV Elementary School Students	This research aims to create pop-up book animation video media based on local West Papuan culture to increase general knowledge of cultural literacy in fourth grade elementary school students. The research method used is Research & Development using 4D models for media development. The four steps of the model include establishing learning criteria, media design, development, and dissemination. The research was conducted at SD Inpres 15, Sorong Regency, involving five students in small and large scale trials. The results of the research show that the use of pop-up book animated video media improves student learning outcomes, many students get complete grades in the local culture of Southwest Papua.
11	Ahmad Syaikhoni, Yeri Sutopo, Supriyadi	Development of Pop-Up Books as Learning Media for Class IV Schools Base	This research aims to develop pop up book media for fourth grade elementary school learning using a development model that teachers must understand. The research method used is a qualitative literature review sourced from Google Scholar and the POP search engine. This study found that three development models were used: ADDIE (45%), DDDD (36%), and Borg and Gall (18%). Pop up book media is considered suitable to support learning in fourth grade elementary school. The research used a search limit of 100 articles and collected 11 articles based on research focus and criteria. The research results show that pop-up book media is suitable for supporting learning in fourth grade elementary school.
12	Refita Nengsi, Haris Munandar, and Safrina Junita	Development of Pop Up Book Media to Improve Cognitive Abilities of Class V Science Learning Students Our Friends Environment Theme.	This research aims to determine the effectiveness of pop-up book media in improving the cognitive abilities of fifth grade students in learning natural sciences. The research consists of 10 steps including potential problems, data collection, media design, media validation, product review, product evaluation, and mass production. Data collection was carried out through questionnaires and student responses. The research results show that pop-up book media is widely used as a learning medium, with a response rate from class V students of 98.5%. The research results found that students were very interested in using pop-up book media in learning natural sciences. The results show that pop-up book media can be a valuable tool for teaching language learning.

Elementary schools are a special theme of discussion in this article, where different research objects and places are researched and studied in various references. Research then creates “gaps” or “common threads” between different groups of studies. Previous research was classified into two categories, one to connect learning media with Civics learning to achieve effective learning goals. Research shows that learning media has a significant influence on students' learning abilities, because it can help them improve their learning abilities. This media can be used as a tool

to facilitate learning, motivate students, facilitate learning activities, and provide a shared understanding of subject matter in the learning environment. Therefore, learning media is needed to help students learn Civics in elementary schools. Literature studies regarding the development of pop-up book media in learning Pancasila and Citizenship Education (PPKN) usually include a review of various aspects. This includes design, implementation in a learning context, effectiveness in facilitating understanding of PPKN material, and student responses to the use of the media. The research methods used may involve surveys, observations, interviews, and content analysis. The advantages of using pop-up books in PPKN learning include their ability to present complex concepts visually and interactively, increase student engagement, and facilitate better understanding through a fun learning experience. However, challenges may be related to production costs, availability of appropriate reading materials, and development of curriculum-relevant content. Apart from that, literature studies can also explore innovative design approaches, such as the use of augmented reality (AR) technology to enhance the learning experience with pop-up book media. Analysis of previous research results can provide insight into the potential and limitations of using this media in the context of PPK learning.

## Conclusion

Based on the research findings in this article, it was found that the availability of learning media is very important in Civics learning, especially in elementary schools. This is necessary so that learning objectives can be achieved in accordance with the wishes of the educator. Pop-up book learning media is a very good medium to use in the learning process in achieving Civics learning goals that have been determined by teachers and schools. Pop-up book media contains simple words and sentences using large letters accompanied by pictures that are attractive to students, and has characteristics that are suitable for students who are still in early school because it can support their learning in class, especially in learning. PPKN in elementary schools so that the effectiveness of the learning process can run smoothly.

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