

Analysis of the Effectiveness of E-Books in Increasing Students' Digital Literacy

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ABSTRACT

Background. The digital era makes education require more sophisticated literacy skills to keep up with the era. The ability to search, access, manage, present, and communicate with digital objects is an ability in digital literacy. Books as reading materials can now be accessed through digital, called E-books. The existence of E-books will bring new changes in the way students learn. The presence of E-books will provide convenience, affordability, and availability.

Purpose This study aims to measure the effectiveness of using ebooks in improving students' digital literacy. It also analyzes the factors that influence the effectiveness of using E-books. The presence of E-books as literacy media will be analyzed how influential it is on students' ability to search, access, manage, present and communicate using digital information.

Method. The method used in this research is quantitative. The data obtained is the number of responses. The data obtained was taken from the distribution of questionnaires containing questions and statements regarding the effectiveness of E-books in improving students' digital literacy. The statements presented in the questionnaire are a form of google formula called google from. The data will be processed through SPSS which was previously inputted into excel.

Results. The results of this study state that the use of E-books as digital reading materials will provide facilities for access, distribution, and consumption of reading materials. The practicality offered will make it easier for educators and students to access it. E-books provide interactive features to enhance the reading experience. In addition, E-books will provide long-distance support in online learning. But of course every advantage has disadvantages or limitations in the use of digital technology.

Conclusion This research can be concluded that E-books as reading materials used by teachers and students must be monitored. Analyzing the use of E-books will be useful for identifying inhibiting factors or supporting factors in the world of education. It is also necessary to analyze the effectiveness of using E-books to improve the quality of student literacy. Teachers, parents and formal institutions including students themselves will play an active role in the successful use of E-books in improving digital literacy.

KEYWORDS

Digital Literacy, Digital Objects, E-Books

Citation: Tarigan, R. J., Kembaren, B. P. B., Fionasari, R., Pambudi, N., Hartono, R. N. (2024). Analysis of the Effectiveness of E-Books in Increasing Students' Digital Literacy. *Journal Emerging Technologies in Education*, 2(1), 36–48. <https://doi.org/10.70177/jete.v2i1.736>

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Received: February 17, 2024

Accepted: February 24, 2024

Published: February 26, 2024



INTRODUCTION

Digital literacy is the ability to access, understand, use, and create information using digital technology (Cábyová, 2020; Saripudin, 2022). Literacy is the ability to use language and images to read, write, listen, and process information related to the situation. The definition of digital literacy in each country varies due to differences in policy systems and advances in technology (Aberšek, 2020; Augusto, 2023). Digital literacy is not only about the ability to use, search and disseminate information, but also about the ability to critically evaluate the provisions of the applications used. In addition, the use of digital literacy must be accountable for any information disseminated because it relates to the wider community (Bratitsis, 2023; Cábyová, 2020; Cano, 2023). On the other hand, users must be able to put themselves in use. All personal information must be safeguarded in the digital world to avoid data leakage and even data theft.

Digital literacy skills can be improved through the use of e-books. An e-book is a book that is presented in digital form (Cábyová, 2020; Dwyer, 2022, 2022). Access to e-books can use electronic devices and the internet. E-books are an innovation influenced by the emergence of existing technology (Guevara, 2021; Guo, 2021). E-books are replicas of printed books that are often found in libraries. A book that is usually used as a source of knowledge carried in the form of a collection of paper, is now in digital form (Waters, 2020; Weng, 2022). This provides practicality to the user, while saving space, and can be adapted to daily needs (Wu, 2023; Yang, 2021). E-books, in addition to being reading material, also have an attractive design and can be downloaded for offline reading (Tenorio-Sepúlveda, 2023; Wu, 2023). The functions of e-books include learning media, information sources, and can even be used as promotional media. The presentation of e-books also varies from PDF, ePub, mobi, and many more types.

Analysis is a process of understanding, explaining, or describing something by breaking it into smaller parts so that it can find out the relationship between relationships. Analyzing the effectiveness of e-books is a process of knowing how much influence and benefits of e-books in the learning process and student learning outcomes (López-Escribano, 2021; Sung, 2022). E-books in their use as a learning resource will improve learning activities and outcomes. E-books can provide complete, interesting and interactive materials, and make it easier for teachers to evaluate and provide feedback to students. In addition, e-books can improve digital literacy which will help students to master the skills of operation, thinking, collaboration, and self-awareness needed in the digital era.

Research on analyzing the effectiveness of e-books in improving students' digital literacy has deep reasons to be researched. The reason is the knowledge of how much influence and benefits of e-books in improving students' reading skills and interest in the digital era (Ambarwati, 2019; Chang, 2019). This statement will also affect the quality of student learning (Fardani, 2019; Kurniasih, 2021). In addition, the existence of e-books will provide additional knowledge that is easily accessible to students. So that students have more reading material without having to bother carrying printed books. In addition, it will make students more critical and creative in solving existing problems (Sun, 2021). On the other hand, teachers will find it easier to present material or provide testing to students. The more often students and teachers use e-books as reading material, the higher the potential for digital literacy skills because students and teachers can develop operational skills, thinking, collaboration, and self-reliance.

Effectiveness in using e-books as a medium for improving students' digital literacy will play an important role in the advancement of educational science resources. The use of e-books at this time is not new in the world of learning. The discussion of the analysis conducted on the use of e-books in improving students' digital literacy is considered pending because e-books are one of the innovative learning media (Saputri, 2021; Sinaga, 2019). The practical form of ebook presentation can improve

students' insight, critical thinking, vocabulary, verbal ability, and most importantly, their interest in reading. It will also provide suggestions or recommendations to teachers and schools on how to optimize the use of e-books in learning.

This research will make a significant contribution in analyzing the effectiveness of e-books in improving students' digital literacy. The effectiveness of using e-books will provide new ways of learning and even new innovations in the world of technology and education (Egert, 2022; Hasbiyati, 2019). This e-book effectiveness analysis will be able to provide an overview of optimizing the use of e-books. Evaluate student learning outcomes and can also expand the sources of learning. So that learning resources are not narrow and can increase the knowledge of students and teachers. In this study, researchers will identify the benefits of using e-books in learning. In addition, it describes how effective the use of e-books is in improving students' digital literacy. This will help parents and educators in optimizing the use of e-books, student learning strategies. On the other hand, it will also help teachers to identify risks and obstacles that occur in using e-books. So that teachers or parents are able to condition things as a form of prevention of problems in achieving the effectiveness of using e-books in improving students' digital literacy.

This research provides new innovations from previous research. In research (Chuang, 2022) on the Effectiveness of E-Book Applications on Nurses' Knowledge, Attitudes and Confidence in Preventing and Treating Pressure Injuries. The study explains the use of e-books to provide knowledge, attitudes, and confidence to nurses. In the current study, researchers have differences in application, namely the effectiveness of e-books to improve students' digital literacy. The difference in this study is more towards the use of e-books for the intended institution or subject. So that the resulting effect contains conclusions about how effective the use of e-books is on the level of digital literacy of students.

Considering the existing reasons, researchers aim to answer several questions that arise. First, do students face some obstacles in reading E-books? Second, can E-books help students use technology to search and create content, solve problems, and innovate? Third, how to use E-book as one of the reading resources in online learning? With this research, researchers hope that every e-book user is able to use it wisely. In addition, hopefully this research can provide assistance in facing challenges, obstacles, risks that occur in improving students' digital literacy. Hopefully this research can be taken into consideration for further research. Hopefully, further research can explore the discussion of this research.

RESEARCH METHODOLOGY

Research Design

This study uses a quantitative research design which is data presented in the form of numbers. The questions that were imported amounted to 20 items (Alam, 2021; Bauer, 2019; Chen, 2022). The input is done using google from as a medium that is relatively easy for everyone to access. In this case, the statement includes an analysis of the effectiveness of E-books in improving students' digital literacy. This method is used in order to formulate the results of statements and views from teachers followed by students on the effectiveness of E-books. The data presented are answers from teachers and students. Quantitative method is a way of collecting data in the form of numbers that can be measured. The research stages begin with the presentation of 20 questions and the form of the questionnaire is presented in Google from. The results of the questionnaire distribution will be managed through SPSS. The researcher will review the highest answer that appears in the statement.

Research Procedure

This study will conduct a series of systematic steps to collect, analyze, and provide understanding of the data collected. This research begins with a request for permission from the teacher and also students who will be given questions. Then every detail of the researcher's question until it reaches the acquisition of data filling which is considered to have been fulfilled. On the other hand, researchers use language that is good and easy to understand so that it can be understood by teachers and students. This will make it easier for respondents to respond to questions so that the time used is fairly short. This process will make it easier for researchers to examine data and examine various problems faced by teachers in using E-books to improve students' digital literacy.

Research Subjects

The subjects of this study were selected teachers and students from various institutions. The role of the researcher is to collect every answer given by teachers and students. This research will be very important to find the effectiveness of using E-books. In addition, it will also be useful as a consideration for teachers and students for children's learning media. On the other hand, it will also provide an overview of the advantages and disadvantages in using E-books. This is a form of effort to anticipate the risks that will arise in the use of E-books. So that teachers and students can consider the use of E-books to improve children's digital literacy.

Research Ethics

Ethics is a form or way of behaving that shows manners, principles, and norms as a basis for action (Abbas, 2021). Thus, research ethics is a form of behavior in the actions taken by researchers based on manners, principles, and norms (Abma, 2019). Research ethics will provide benefits for both the researcher and the subject under study. The form of these benefits is a sense of security and comfort in conducting research so that information can be conveyed easily. So that the process of collecting information can be carried out easily and quickly. This aspect contains consent and permission from individuals to conduct research. The data collected will be kept safe from recognition of property rights. The research is conducted in a fair and impartial manner. The research does not impose its will on the subject so that there is no sense of threat. In addition, the research gives appreciation to all parties who have helped in the implementation of the research.

Data Collection Technique

The data collection process in this study uses the help of google from which aims to provide convenience in answering and recapitulating all answers. Besides that, it can also save time and money. This is because google form is shared in the form of a link on the subject's whatApp. The data collected will be entered into a table with a responded form using a percentage on each statement. These results are then also inputted into excel in the form of numbers to go to the next stage. The next stage is to enter the data into SPSS to facilitate the data processing process. Its usefulness is to show the response of the subject to the analysis of the effectiveness of E-books in improving students' digital literacy.

Table 1 Sample Population

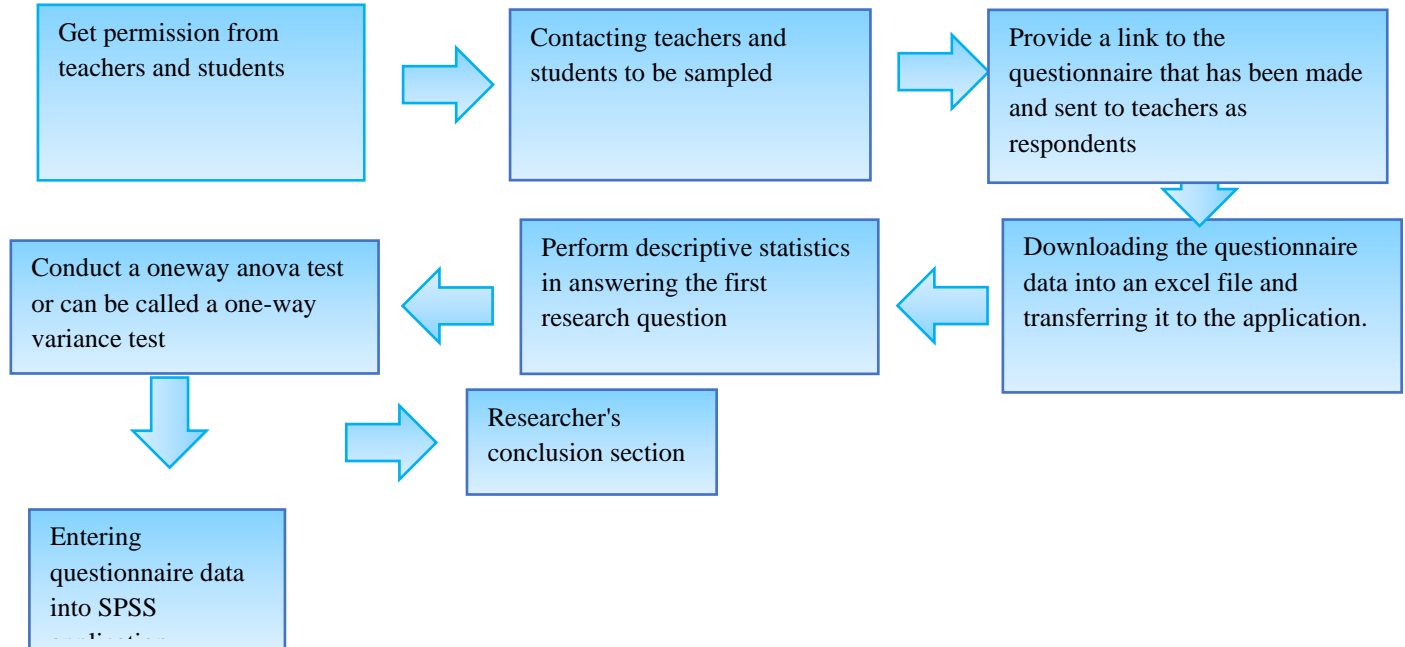
NO	Department	Number Participants	of Percentage
1.	Students	10	40%
2.	Teacher	15	60%

Table 1 Rincian Sampel Penelitian

No	Choice Category	Tier Number
1	Strongly Agree (5)	>90%

2	Agree (4)	70-80%
3	Disagree (3)	50-60%
4	Strongly Disagree (2)	0-40%
Total		100%

Data collection and data analysis tools



RESULT AND DISCUSSION

E-book is an abbreviation of electronic book which means a book presented in digital format. E-books can be read through computers, tablets, smartphones, or e-readers. It is undeniable that technology also affects changes in the use of books. E-books have similarities with printed books, only differentiated by the way they are presented. In today's digital era, the use of E-books will be easier than printed books. In addition to E-books being easily accessible, there is no need to use a lot of energy in carrying them. In contrast to printed books, when carrying must require energy and storage so as not to be damaged. E-books that have a practical form will be able to be used as a learning tool. Educators today have written and used many E-books as learning media. Many branches of science are already in the form of E-books. Apart from being a learning medium, e-books can also be used as information media. In the world of business and marketing, e-books will be used as business media that will be sent to clients. The e-book already presents enough information in the form of education to clients.

Table 3 Responded from students on the analysis of the effectiveness of E-books in improving students' digital literacy

NO	Question	SS (%)	S (%)	TS (%)	STS (%)
1	E-books can help students recognize risks, maintain online safety and health, and behave positively in the digital world.	40%	60%	0%	0%

2	E-books can help students communicate and collaborate effectively in online forms, learn, share and discover new information	47%	53%	0%	0%
3	E-books can help students use technology to find and create content, solve problems, and innovate	53%	47%	0%	0%
4	E-books can reduce the use of paper, thus preserving or saving trees, water and energy.	40%	53%	7%	0%
5	E-books will provide wide access for students in searching for information and also knowledge	40%	60%	0%	0%
6	Students feel easier and more comfortable reading E-books than printed books because they are more practical, save space, and can be accessed at any time	27%	60%	13%	0%
7	Students are more interested in reading E-books that have interactive features, such as animation, video, audio, or quizzes	40%	47%	7%	6%
8	Students face several obstacles in reading E-books, such as limited internet quota	60%	40%	0%	0%
9	Students get many benefits from reading E-books	40%	60%	0%	0%
10	E-books have many variations and have quality	40%	60%	0%	0%

The explanation of the table above is the percentage of students' responses to the statements submitted. The statement with the highest response strongly agreed in item 8 statement regarding students facing several obstacles in reading E-books, such as quota limitations. From this statement, 60% strongly agree followed by 40% agree. In using E-books which are part of digital technology, of course, they need internet access. Apart from the internet quota running out, other obstacles also arise starting from technical problems or eyes that are tired from staring at the layer for too long. This can be anticipated starting with the download of the book to be read. In addition, it also provides a pause or scheduling in reading books, in order to avoid boredom and fatigue. When students are able to carry out scheduling in study time, effectiveness in using e-books can be achieved.

In item 3 with the statement E-books can help students use technology to find and create content, solve problems, and innovate has responded strongly agree 57% and 43% agree. That students feel they get many benefits from reading e-books. Such as improving students' digital literacy skills, broadening horizons, and enriching knowledge about various topics and fields of science. This is because e-books offer convenience, comfort, and diversity in access to reading materials. In addition, e-books are able to improve students' digital literacy. Students' digital literacy is the ability to use information and communication technology effectively and critically. In using e-books, students can search for almost all the books they need. So that it will make it easier for students to find information, complete assignments, and evaluate learning.

Table 4 Responded from teachers on the analysis of the effectiveness of E-books in improving students' digital literacy

NO	Question	SS (%)	S (%)	TS (%)	STS (%)
1	Use of E-books as one of the reading resources in online learning	67%	33%	0%	0%

2	Lack of availability of E-books in accordance with the curriculum	47%	53%	0%	0%
3	Difficulty in managing and evaluating students' reading activities	40%	53%	7%	0%
4	E-books are easier to distribute, cost-effective, environmentally friendly, and flexible in terms of size, color and style	40%	53%	7%	0%
5	Training and guidance is needed for teachers in using E-books as learning media	53%	47%	0%	0%
6	Cooperation between the government, publishers and schools in providing and developing E-books is needed.	60%	40%	0%	0%
7	E-book development must be carried out so that it is of high quality, in accordance with the curriculum, varied, and can meet the needs and interests of students' reading.	47%	53%	0%	0%
8	E-book development must be carried out so that it is of high quality, in accordance with the curriculum, varied, and can meet students' reading needs and interests.	40%	60%	0%	0%
9	Adjustment of learning methods and strategies to the characteristics of E-books is needed	60%	40%	0%	0%
10	E-books can improve student learning outcomes because they provide quick and accurate feedback	47%	40%	13%	0%

The table above is the result of teachers' responses to the analysis of the effectiveness of e-books in improving students' digital literacy. The statement that has the highest response is item 1 regarding the use of E-books as one of the reading sources in online learning. This statement has 67% strongly agree and 33% agree. E-book is a digital learning media that can be accessed anywhere. This is what supports the existence of online lessons. So that it will make it easier for students to learn independently without time and place limits. Learning using e-books can facilitate collaboration between students and teachers. In addition, e-books do not require high learning costs. The interactive features in some e-books will increase student engagement when learning online.

The second highest scores fell on items 6 and 9 which had responses of strongly agree 60% and agree 40% on both statements. Statement 6 regarding the need for cooperation between the government, publishers, and schools in providing and developing E-books. In achieving the effective use of e-books, good cooperation between all parties is needed. This cooperation will have an impact on the provision and development of e-books so as to improve access and quality of education for all students. In addition, it can also meet the needs of digital literacy in accordance with the school curriculum. This will help in improving student achievement in both academic and non-academic areas. In the 9th statement regarding the need to adjust learning methods and strategies to the characteristics of E-books. This is needed as a form of effort to maximize the potential of using e-books as learning media. It is also useful for adjusting students' needs, interests, and learning styles. So that student involvement in teaching and learning also increases.

Table 5 Responded by students to the analysis of the effectiveness of E-books in improving students' digital literacy using the oneway anova test.

ANOVA

		Sum Squares	of df	Mean Square	F	Sig.
X.1	Students	2.100	8	.263	.	.
	Students	.000	1	.000		
	Total	2.100	9			
X.2	Students	2.500	8	.313	.	.
	Students	.000	1	.000		
	Total	2.500	9			
X.3	Students	2.400	8	.300	.	.
	Students	.000	1	.000		
	Total	2.400	9			
X.4	Students	4.100	8	.513	.	.
	Students	.000	1	.000		
	Total	4.100	9			
X.5	Students	2.100	8	.263	.	.
	Students	.000	1	.000		
	Total	2.100	9			
X.6	Students	2.900	8	.363	.	.
	Students	.000	1	.000		
	Total	2.900	9			
X.7	Students	4.100	8	.513	.	.
	Students	.000	1	.000		
	Total	4.100	9			
X.8	Students	2.400	8	.300	.	.
	Students	.000	1	.000		
	Total	2.400	9			
X.9	Students	2.400	8	.300	.	.
	Students	.000	1	.000		
	Total	2.400	9			
X.10	Students	2.100	8	.263	.	.
	Students	.000	1	.000		
	Total	2.100	9			

The table above is a sample of responded answers from students that have been processed into SPSS. The total sum of squares is 2,400, df 9, and mean square 0.300 with F and Sig none. This is found in statement 9 regarding students getting many benefits from reading E-books. Students get many benefits when using e-books because of many supporting factors. One of them is that e-books provide practical things as interactive learning media and are easily accessible anywhere. On the other hand, e-books can increase interest in reading and digital literacy, increase insight and knowledge, increase vocabulary to support language skills, improve the quality of brain storage or student

memory. In this process students will be able to practice thinking and analyzing skills so that students' focus and concentration will increase.

Table 6 Responded by teachers to the analysis of the effectiveness of E-books in improving students' digital literacy using the oneway anova test.

ANOVA

		Sum Squares	of df	Mean Square	F	Sig.
X.1	Teacher	3.333	7	.476	.	.
	Guru	.000	7	.000		
	Total	3.333	14			
X.2	Teacher	3.233	7	.462	6.467	.012
	Teacher	.500	7	.071		
	Total	3.733	14			
X.3	Teacher	4.333	7	.619	4.333	.036
	Teacher	1.000	7	.143		
	Total	5.333	14			
X.4	Teacher	2.833	7	.405	1.133	.437
	Teacher	2.500	7	.357		
	Total	5.333	14			
X.5	Teacher	2.733	7	.390	2.733	.104
	Teacher	1.000	7	.143		
	Total	3.733	14			
X.6	Teacher	3.100	7	.443	6.200	.014
	Teacher	.500	7	.071		
	Total	3.600	14			
X.7	Teacher	3.233	7	.462	6.467	.012
	Teacher	.500	7	.071		
	Total	3.733	14			
X.8	Teacher	3.100	7	.443	6.200	.014
	Teacher	.500	7	.071		
	Total	3.600	14			
X.9	Teacher	2.350	7	.336	1.880	.212
	Teacher	1.250	7	.179		
	Total	3.600	14			
X.10	Teacher	5.583	7	.798	3.190	.074
	Teacher	1.750	7	.250		
	Total	7.333	14			

The table above is the acquisition of responses from teachers to the analysis of the effectiveness of e-books in improving students' digital literacy. The total sum of squares is 3,600, df 14, mean square 0.443, and F 6,200, sig 0.14. Based on the table above, the sig value is obtained 0.14 which means it is smaller than 0.50. So it can be concluded to be a homogeneous group. This statement is about the need for cooperation between the government, publishers, and schools in providing and developing E-books. Cooperation between the government, publishers and schools in providing and developing e-books is needed for several reasons. The reason is to improve access and quality of

education for all students, especially in the middle school years. This collaboration is also useful to support the Mardeka Belajar program which provides freedom and creativity for students, teachers and schools.

Digital literacy is the ability to access, understand, use, and create information using digital technology. Digital literacy is very important in this era of globalization. E-books as a form of learning media will support the process of achieving digital literacy. This is because e-books will fulfill the needs of information sources, communication, collaboration, and creation. E-books have several advantages over printed books. The ease of access that e-books provide, storage, and also easy to share. This will be more cost-effective and environmentally friendly. E-books also provide some interactive impressions in their presentation. The use of e-books is also more flexible and easy to travel with.

The use of e-books can help improve reading interest, reading comprehension, learning motivation, and student learning outcomes. In addition, there are internal and external influences of using e-books to improve students' digital literacy. The effectiveness of using e-books from factors originating from the students themselves is the activeness in using online media, academic achievement, reading intensity, and digital literacy skills. This factor can motivate and can also hinder students in using e-books as a practical learning resource. External factors or those that come from outside the student, such as parental and teacher support, availability of facilities, and government policies. These can support or even hinder students in using e-books as a relevant, relative, and interesting learning resource.

E-books can help students know online safety and health risks. So that students are able to behave positively in the digital world. E-books will provide information, ways, even examples to protect themselves, privacy, important data online. Data security can be in the form of strong passwords, antivirus, and a secure VPN. E-books can also provide direction and control in the use of the internet or other technology. This will help students to control overuse. E-books will also provide forms of negative impacts of excessive internet use such as eye, neck, back, hand, and psychological disorders. In addition to describing the negative impacts, the e-book also provides ways to prevent such as adjusting time, distance, and lighting layers, as well as taking regular breaks.

The use of e-books as digital literacy does have many benefits. However, on the other hand, there are shortcomings such as the lack of availability of e-books. The lack of availability of e-books is more in line with the curriculum and student needs. Many of the e-books are paid, incomplete, and even irrelevant to the learning material. E-books that use electronic devices and internet quota are a drawback. Limited infrastructure and supporting devices will hinder the achievement of the effectiveness of using e-books in improving students' digital literacy. There are still many students and teachers who lack the digital literacy skills needed to select, search, and understand information from e-books. So students or teachers sometimes receive information that is not valid, accurate and of poor quality. This can jeopardize the ongoing knowledge process.

The existence of these emerging problems requires a way to overcome these obstacles. Students need support from teachers, parents, schools, government, and publishers. Teachers will help students to choose and find e-books that are suitable for learning materials or the like. Teachers will also provide guidance in using e-books and teach digital literacy skills. The role of parents is also needed, starting from providing electronic devices, internet quota, and support in using e-books. In addition, teachers and parents must also continue to supervise the use of e-books and provide motivation to students. Schools, governments, and publishers also take part in providing quality e-books and according to needs. Providing subsidies to students in need and regulating supportive policies.

Digital literacy has many benefits for society and the education sector. With digital literacy, you can find references, discounts or product prices on the internet quickly and easily. In addition, it expands networks and knowledge in the form of communication and gathering with people from various regions and countries through social media, as well as getting the most up-to-date and quality information from trusted sources. Digital literacy can improve skills and job opportunities such as critical, creative and innovative thinking in solving problems and collaborating with others. Digital literacy will also be able to compare and evaluate information obtained from the internet, and avoid misinformation. Digital literacy will be able to create an understanding of the use of digital media. Digital media can be used to voice opinions, aspirations, or criticism of important social, political, or environmental issues. This will affect change in the world, so that students or learners can play an active role in positive change in the world.

E- A quality book has valid, accurate and quality content, as well as an attractive and interactive display. Quality e-books improve students' understanding, motivation and achievement in learning. E-books that match the curriculum have material that is relevant to learning. E-books that match the curriculum can help students achieve learning objectives. A varied e-book has religious content, such as text, images, audio, video, animation, simulation, or games. E-books will also fulfil students' reading needs and interests. The use of e-books requires training and guidance to teachers. The reason is that teachers need to understand the operation of electronic devices used to access e-books. Teachers must also be able to understand the features contained in e-books and their functions. Teachers also need to get training and guidance in designing, developing, and evaluating e-books as learning media in accordance with the curriculum. Teachers should know how to combine e-books with effective and innovative learning methods, strategies and techniques. Training as well as guidance in searching, evaluating, utilising and communicating information so that e-books can be used wisely and responsibly. Teachers also need to teach digital literacy skills to students, so that they can use e-books optimally.

Processing and evaluation of e-books is often difficult. This is due to the lack of data and information about students' abilities, interests and reading habits. So teachers must collect accurate and complete data and information about students. So that the data obtained can help evaluate and manage students' reading activities. The lack of appropriate tools and techniques to manage and evaluate students is an obstacle. Teachers need to use appropriate and accurate ways or techniques in assessment so that they can maximise evaluation which will have an impact on the effectiveness of using e-books. Feedback and follow-up will improve the quality and quantity of digital literacy using e-books.

CONCLUSION

Based on the analysis of the effectiveness of e-books in improving students' digital literacy, it can be concluded that the implementation of e-books requires collaboration. The effectiveness of e-books can be achieved if teachers, schools, parents, students, and publishers are able to work together in developing and providing e-books. To improve the quality of education for all students when teaching and learning is not face-to-face, it is also useful as a form of utilisation of information and communication technology which is increasingly developing. The use of e-books will also be able to increase students' interest in reading. E-books are classified as innovations from current digital technology that give the impression of being comfortable, flexible, and easily accessible. The supporting features of e-books will facilitate understanding for students and invite interest in reading.

The use of e-books also requires adjustments to learning methods and strategies. The purpose is to maximise the potential of e-books as a practical, interactive, and easily accessible learning media.

Adjustment of methods will also be useful to increase student interest and student needs. So that students are motivated to learn, read, and also improve student learning outcomes. Varied e-book models will provide an active impression and interesting and challenging tasks for students. Analysis of the effectiveness of e-books will also be useful to measure the extent to which students are able to improve their insight, knowledge, vocabulary, and language skills, the quality of open storage, memory, ability to think, and analyse through e-books. The use of e-books will also be able to form a more conscious and wise character and mentalist. E-books are able to provide benefits to students because they are part of learning media that are practical, interactive, and easily accessible. So that this can increase interest in reading and digital literacy. This will also have an impact on the breadth of insight and knowledge in the form of vocabulary and language skills. When faced with a problem, students will also be able to train their thinking and analysing power. Thus increasing students' focus and concentration in solving problems

AUTHORS' CONTRIBUTION

Author 1: Review; Editing.

Author 2: Conceptualization; Data curation; In-vestigation.

Author 3: Data curation; Investigation.

Author 1: Validation; Writing.

Author 1: Conceptualization; Project administration

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