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# Development of Digital Student Worksheets with the Discovery Learning Model to Improve Collaboration Skills and Results for Elementary School Students: Literature Review

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#### ABSTRACT

Objective: This research reviews the literature regarding the development of Digital Student Worksheets based on the discovery learning model to improve collaboration skills and student learning outcomes in elementary schools. This review article is a literature review research. Method: used is a narrative review, which consists of four stages: selecting the topic to be reviewed, selecting national journals and international journals that are relevant to the latest five years, namely 2018-2023, totaling ten articles, conducting literature analysis and synthesis, and compiling review results. Results: The results of the literature review show that e-LKPD can improve collaboration skills and improve student learning outcomes. Novelty: this research provides a new color for the literature review on e-LKPD, specifically on the discovery learning model for Natural and Social Sciences (NSS) subjects in elementary schools.

# INTRODUCTION

The development of technology in the era of Industrial Revolution 4.0 is a concept where students are required to learn and discover various things based on experiments and refer to the use of technology in the learning process. Technological developments in the Industrial Revolution 4.0 era require the education sector always to innovate and adapt to technological developments. Education in the era of the Industrial Revolution 4.0 requires learning that suits students' needs and optimization of technology, not the transfer of knowledge. Education in the industrial era 4.0 aims to develop 21st-century century skills through strengthening character (moral and performance) and four competencies, namely 4C (critical thinking, creative, communication, collaboration), problem-solving, innovation, and literacy skills. It can be said that students are required to have various skills, one of which is collaboration.

Collaboration is a learning process carried out in groups to discuss differences in views and knowledge through discussions such as giving suggestions, listening and listening to the discussion and respecting existing differences of opinion (Greenstein, 2012; Trisdiono et al., 2019). Collaboration skills are students' skills in working together to achieve one goal in the process of solving a problem (Council, 2011; Fitriyani et al., 2019; Hughes & Jones, 2011).

The independent learning curriculum is a curriculum concept that demands independence for students. Independence means that each student is given the freedom to access the knowledge obtained from formal and non-formal education. This curriculum allows the concept of learning that takes place at school or outside school and also demands creativity from teachers and students.

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Risdianto (2019) also said that the presence of the independent learning curriculum also aims to answer the challenges of education in the era of the Industrial Revolution 4.0, where in its implementation, it must support skills in critical thinking and problem-solving, creativity, and innovative, as well as skilled in communicating and collaborating, for students.

NSS is a combination of Natural Sciences (NS) and Social Sciences (SS) subjects. The aim of learning sciences in the independent curriculum is to be able to develop students' curiosity and interest, be able to play an active role, develop knowledge, master themselves and their environment, and develop an understanding of the concepts in the sciences learning (Agustina & Widyastuti, 2022).

NSS learning should be presented in a pleasant situation and use a variety of approaches, media, and learning resources because science and science, especially learning about economic activities, is important learning for students. However, in reality, teachers teach NSS with inadequate preparation because they need clarification about making student worksheets that are creative and interesting for students and that can enable students to learn independently.

Digital student worksheets are one solution to attract students' attention to learning. Digital student worksheets can also display colorful pictures and videos about the material. So that students stay energized while studying. This electronic development will make it easier for students and educators to participate in learning activities. With the development of learning applications, it is hoped to increase benefits in the field of education. This Digital student worksheet is one of the learning student worksheets that is deemed suitable for the conditions of the current generation of information technology because teaching will attract more students' attention so that it can foster learning motivation and reduce the level of student boredom in the learning process.

The innovation of printed LKPD, namely electronic LKPD or e-LKPD, has features that give students a different learning experience. Some of the e-LKPD features include short material videos, pop-up quizzes, and virtual laboratories. Learning that is different from usual occurs because what is usually printed material is then innovated into electronic form. The purpose of e-LKPD as teaching material for students is to support students in playing an active, independent and creative role in participating in classroom learning (Umriani & Suparman, 2019 in Fina et al., 2023). The use of e-LKPD also has an impact on increasing critical thinking skills or the ability to find solutions to problems (Fitria & Suparman, 2019 in Fina et al., 2023).

Student worksheets that have been adapted to the material and basic competencies to be achieved are equipped with structured directions and questions with the aim that students can study them independently (Prastowo, 2014). Therefore, in the student worksheets, there is material, summaries, and tasks related to the competency achievements to be achieved. The use of student worksheets is very important in the learning process, so it can make learning easier for students. Student worksheets are said to be good if they meet the requirements, namely active requirements, which means that the student worksheets must follow the principles of effective teaching and learning,

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construction requirements relating to language, sentence structure, vocabulary, level of difficulty and appropriate clarity and has technical requirements relating to writing, images and appearance (Widjajanti in Widodo 2017).

The discovery learning model is one of the appropriate models in the Merdeka curriculum, this model provides an opportunity for students to find their own concepts in learning. Through discovery learning models, students are expected to be independent, critical, and have creative attitudes. The discovery learning model directs students to be able to find something through the learning process they carry out. They not only act as consumers but are also expected to play an active role, even as actors from the creators of science. The learning discovery model is part of the scientific approach framework. The application of the discovery learning model is carried out in groups so that students' social skills can be improved through group activities because students are allowed to work together with the group to solve problems in an investigation activity they do (Wahida et al., 2018).

The purpose of discovery learning models as teaching and learning models is (1) the ability to think to be more responsive and careful and exercise reasoning (critical, analytical, and logical); (2) fostering and developing behaviors of curiousness; (3) develop cognitive, affective, and psychomotor aspects; and (4) developing students' behavior, skills, beliefs in deciding things accurately and objectively. The discovery learning model is another name for the model of the invention. Corresponding with this name, this model directs students to find something they do through a learning process. Students are trained to be a scientist. The discovery learning model is an important component in the constructivist approach that has a long history in the world of education. The idea of discovery learning arises from the desire to give a sense of pleasure to children or students in "finding" something by themselves and following the footsteps of scientists. Thus, the discovery learning model is a learning that involves students in the process of mental activities through exchanging opinions, discussing, reading on their own, and trying by themselves. Learning by employing discovery learning models encourages students to think critically and creatively (Wahida et al., 2018).

Based on the results of previous research, including research conducted by Al-hayati (2019) with the title "Development of Digital Student Worksheets to Improve Learning Outcomes on Optical Equipment Material". The results of the research showed that this digital student worksheet was deemed appropriate by 20 experts (material experts, media experts, learning design experts, and guided inquiry model experts), effective in assisting the learning process, with 75% of students having achieved a Minimum Completeness Criteria (MCC) and N-Gain of 0.6 (medium), and practical with a score of 94%.

With electronic student worksheets based on the discovery learning model, the material and practice questions will be more concrete because electronic student worksheets can function as interactive multimedia. Electronic student worksheets based on the discovery learning model are able to make students no longer feel bored because of learning and can be more skilled in collaborating when carrying out assignments in

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groups. Another advantage of electronic student worksheets based on discovery learning is that student activities are varied because students are trained in higher-level thinking, which can stimulate students to find their knowledge of problem-solving.

Based on the description of the problem above, an innovation is needed in a student worksheet that is innovative and capable of fostering collaboration skills in the learning process and learning outcomes that are in accordance with the criteria for complete learning objectives (CLO). From the results of this study, researchers are interested in developing electronic student worksheets based on the discovery learning model.

The novelty of this research is that the literature review used comes from Google Scholar and Scopus, so the results of the review can provide information on the level of success in developing e-student worksheets based on the discovery learning model in improving collaboration skills and student learning outcomes.

# RESEARCH METHOD

This article review is a review of literature study articles. The method used is narrative review. The review of this article begins by reviewing the article according to the title of the research to be conducted. Literature study means looking for and reading lots of books, journals, and other publications related to a topic to write about something. (Abraham & Supriyati, 2022).

The criteria for scientific articles used as data are scientific articles sourced from national journals and international journals within the last five years, namely from 2018 to 2023. The scientific article data used is a minimum of 20 articles. The steps taken to search for this article were to visit Google Scholar and Scopus by entering the search keyword development of e-student worksheets discovery learning model.

In searching for these articles, 198 articles that matched the keywords via Google Scholar and 54 articles in Scopus were found. In total, the number of articles obtained was 252 articles, and then validation of scientific articles was carried out by eliminating scientific articles with similar titles in each article. Scientific articles were also eliminated based on the last five years. Of the 252 selected articles, 60 articles that were closest to the research topic were re-selected. Of the 60 selected articles related to e-student worksheets based on the discovery learning model, ten articles were then analyzed using qualitative descriptive data.

According to Miles & Huberman in (Rijal Fadli, 2021) there are three types of activities in data analysis, namely data reduction, data display, and conclusions. Qualitative data analysis involves four stages, namely: 1) Data collection is the process of collecting data in the field (both from journal studies and trials) to obtain the data needed for research purposes; 2) Data reduction involves summarizing, selecting important elements, and focusing on important elements to create a clear picture of the data collected and to make it easier for researchers to access further data; 3) The type of data presentation most often used in qualitative research is narrative text, which consists of brief descriptions, charts and relationships between individuals; 4) New discoveries require verification and conclusions.

# RESULTS AND DISCUSSION

#### Results

Student worksheets are one of the teaching materials. Digital student worksheets or dstudent worksheets are activity sheets presented in a computer language that contains the learning process to discover material concepts either through demonstration, theory, or investigation accompanied by clear instructions or work procedures to train thinking skills and learning process skills in completing tasks in accordance with the learning indicators to be achieved (Prastowo, 2012).

Digital student worksheets or d-student worksheets are very important to determine students' success in absorbing and mastering material during the learning process. With d-student worksheets, teachers can observe students who have and who have yet to understand the material that has been given. Apart from that, d-student worksheets are also able to provide other benefits, including an attractive appearance and various complete features so that students can study independently. Students must discuss with their group members to practice identifying problems, collecting data, and processing data to come to conclusions when collaborating. This is in accordance with the syntax of the discovery learning model. The results of the literature review obtained from Google Scholar and Scopus selected ten articles that were appropriate to the research topic. The following is the data obtained:

**Table 1.** Results of literature review journals

No	Citation	Author	Title	Year	Literature Review Results
1	2	(Lestari,	Development of e-	2022	The results of the research
		2022)	student worksheets		showed that effectiveness based
			learning media		on the t-test results obtained t
			based on discovery		count = 11.427 for db = 56 and a
			learning in social		significance level of 5% = 2.003.
			studies lesson		This means t count > ttable, so H0
			content for class V		is rejected and H1 is accepted,
			SD No. 4		meaning there is a significant
			Mengwitani for the		difference (5%) before and after
			2022/2023 academic		using discovery learning-based
			year.		e-student worksheets learning
					media.
2	4	(Hikmah	1	2021	The results of the research
		et al.,	student worksheets		showed that student worksheets
		2021)	based on discovery		were declared valid with a
			learning for class VII		validity value of 3.47 which was
			students on		categorized as very valid by the
			photosynthesis		validator.
2	1	(C 1 :	material	2022	771 1. (.1 1 1
3	1	(Subariy	Development of e-	2022	The results of the research show
		anto et	student worksheets		that e-student worksheets based
		al., 2022)	based on discovery		on discovery learning effectively
			learning to optimize		optimizes the critical thinking
			critical thinking		abilities of fifth grade elementary
			abilities of		school students with an N-Gain
			elementary school		score of 0.12 (fairly good
			students		category).

No	Citation	Author	Title	Year	Literature Review Results
4	1	(Sari,	Development of	2021	Student worksheets based on
		2021)	student worksheets		discovery learning assisted by
			based on discovery		tracker software are very valid,
			learning assisted by		very practical, and have potential
			tracker software on		effects for students, namely by
			circular motion		providing evidence of increased
			material to improve		students' understanding of
			students'		physics concepts.
			understanding of		
			concepts		
5	0	(Fitni et	Development of	2023	The research results show that
		al., 2023)	electronic student		the electronic student worksheets
			worksheets based on		developed are very good or
			discovery learning to		practical and suitable for use in
			improve		the learning process and have the
			mathematical		ability to increase students'
_	4	/T 1 1	literacy skills	0000	mathematical literacy.
6	1	(Indah,	Development of	2023	The results of the research show
		2023)	Interactive student		that the developed e-student
			worksheets with live		worksheets have a big influence
			worksheets based on		in improving students' science
			discovery learning models on additives		process skills with an n-gain value of 0.72.
			and addictive		value of 0.72.
			substances to		
			improve science		
			process skills.		
7	1	(August	Development of e-	2021	The results of the data analysis
,	1	ha et al.,	student worksheets	2021	can be concluded that the e-
		2021)	based on discovery		student worksheets based on
		2021)	learning using the		discovery learning using the
			Adobe Acrobat 11		Adobe Acrobat 11 Pro Extended
			Pro Extended		application have been validated
			application on ionic		and can be used in SM chemistry
			balance and pH of		subjects regarding ion balance
			salt solutions for		and pH of salt solutions.
			class IX SMA/MA		-
			equivalent		
8	3	(Pratama	Development of e-	2021	The e-student worksheets media
		et al.,	student worksheets		with the discovery learning
		2021)	Based on the		model is very effective to use.
			Discovery Learning		Completion or achievement of
			Model on the Main		the e-student worksheets pretest
			Material of Acids		KKM was 5 people (13.89%) and
			and Bases		increased to 36 students (100%).
9	1	(Ramadh	Effectiveness of	2022	The research results stated that
		ana &	implementing an e-		learning outcomes before
		Hadi,	learning based		implementing the electronically
		2022)	learning model		assisted e-learning based
			assisted by electronic		learning model student
		t/inder nhn	student worksheets		worksheets were very low with

No	Citation	Author	Title	Year	Literature Review Results
			on student learning outcomes		an average of 49.46, while after implementing the results were 86.11 in the very high category.
10	32	(N.F., 2022)	Development of e- student worksheets based on live worksheets to improve social studies learning outcomes material on events surrounding the proclamation of independence for class V elementary schools	2022	Worksheet-based E-STUDENT WORKSHEETS can be easily accessed so students can learn anywhere and anytime.

#### Discussion

A student worksheet is one source of learning as a guide for learners in achieving learning objectives during the investigation or problem-solving. Practical tools with digital displays will assist the investigation process (Melati et al., 2019). Digital student worksheets based on discovery learning make it easy for students to understand concepts and make students play the main role in learning. Students can independently carry out assignments according to instructions from each stage of the discovery learning model. The teacher's role in the learning process is as a facilitator and director of learning activities (Ramadia et al., 2023). The advantage of digital student worksheets based on the discovery learning model is that learning is more interesting and fun and is able to challenge students to reason and think critically. It can be concluded that the worksheets are interesting for students (Ariyati et al., 2019) and the activeness of students in each meeting also increased (Ichsan et al., 2023).

This research is still limited to the development of digital student worksheets based on the discovery learning model. From the results of the journal literature review above, digital student worksheets based on the discovery learning model can be applied with various software and can also be applied to various subjects at both elementary and high school levels.

Based on the results of the literature review analysis research, it can be concluded that the development of digital student worksheets is to improve student collaboration skills and improve student learning outcomes as well as to meet the demands of 21st-century learning, namely the development of digital student worksheets based on the discovery learning model.

### CONCLUSION

**Fundamental Finding:** This research highlights the importance of digital student worksheets in elementary schools. **Implication:** The results suggest that the development of digital student worksheets improves student collaboration skills and

student learning outcomes as well as meets the demands of 21st-century learning, namely the development of digital student worksheets based on the discovery learning model. **Limitation:** This research only discusses literature studies and has yet to see its application in the field. **Future Research:** With this article, we can see that it is necessary to develop digital student worksheets and conduct research in elementary schools.

#### REFERENCES

- Abraham, I., & Supriyati, Y. (2022). Desain Kuasi Eksperimen dalam Pendidikan: Literature Review. *Jurnal Ilmiah Mandala Education*, 8(3), 2476–2482. https://doi.org/10.36312/jime.v8i3.3800
- Agustina, F., & Widyastuti, W. (2022). The Relationship Between Emotional Support With Psychological Well-Being In Students In Vocational High Schools. *Academia Open*, 6(June), 1–10. https://doi.org/10.21070/acopen.6.2022.2344
- Al-hayati, U. F. (2019). Pengembangan Lembar Kerja Siswa (LKS) Digital untuk Meningkatkan Hasil Belajar pada Materi Alat-Alat Optik. Universitas Islam Negeri Syarif Hidayatullah.
- Ariyati, E., Sujarwo, Y., & Kartono. (2019). Development of Student Worksheet for the Instruction of Digestive System in Grade VIII of Junior High Schools. *Journal of Physics: Conference Series*, 1241(1), 012018. https://doi.org/10.1088/1742-6596/1241/1/012018
- Augustha, A., Susilawati, S., & Haryati, S. (2021). Pengembangan E-LKPD Berbasis Discovery Learning Menggunakan Aplikasi Adobe Acrobat 11 Pro Extended pada Materi Kesetimbangan ION dan pH Larutan Garam untuk Kelas XI SMA/MA Sederajat. *Journal of Research and Education Chemistry*, 3(1), 28–42. https://doi.org/10.25299/jrec.2021.vol3(1).6485
- Council, N. R. (2011). *Assessing 21st Century Skills*. The National Academies Press. https://doi.org/10.17226/13215
- Fina, I. D., Mustaji, M., & Dewi, U. (2023). Analisis Kebutuhan e-LKPD Berbasis Problem Based Learning terhadap Pembelajaran IPA SMP Kelas VIII. *Oryza: Jurnal Pendidikan Biologi*, 12(2), 173–181. https://doi.org/10.33627/oz.v2i2.1379
- Fitni, F., Suanto, E., & Maimunah, M. (2023). Pengembangan LKPD Elektronik Berbasis Discovery Learning untuk Meningkatkan Kemampuan Literasi Matematis. *AKSIOMA: Jurnal Matematika Dan Pendidikan Matematika*, 12(2), 2224–2237. https://doi.org/10.24127/ajpm.v12i2.7022
- Fitria, R., & Suparman. (2019). Telaah Kebutuhan E-LKPD Penunjang Model Pembelajaran PBL untuk meningkatkan Kemampuan Berpikir Kritis. *Prosiding Sendika*, 269–272.
- Fitriyani, R. V., Supeno, S., & Maryani, M. (2019). Pengaruh LKS Kolaboratif pada Model Pembelajaran Berbasis Masalah terhadap Keterampilan Pemecahan Masalah Fisika Siswa SMA. *Berkala Ilmiah Pendidikan Fisika*, 7(2), 71–81. https://doi.org/10.20527/bipf.v7i2.6026
- Greenstein, L. M. (2012). Assessing 21st Century Skills: A Guide to Evaluating Mastery and Authentic Learning. Corwin Press.
- Hikmah, N. A. F., Kuswanti, N., & Berlianti, N. A. (2021). Pengembangan LKPD Berbasis Discovery Learning untuk Peserta Didik Kelas VII pada Materi Fotosintesis. *Discovery: Jurnal Ilmu Pengetahuan*, 6(1), 37–43. https://doi.org/10.33752/discovery.v6i1.1347
- Hughes, R. L., & Jones, S. K. (2011). Developing and Assessing College Student Teamwork Skills. *New Directions For Institutional Research*, 149, 53–64. https://doi.org/10.1002/Ir.380
- Ichsan, I., Subroto, D. E., Dewi, R. A. P. K., Ulimaz, A., & Arief, I. (2023). The Effect of Student Worksheet With Creative Problem Solving Based On Students Problem Solving Ability. *Journal on Education*, *5*(4), 11583–11591. https://doi.org/10.31004/joe.v5i4.2108
- Indah, M. (2023). Pengembangan LKPD Interaktif dengan Liveworksheet Berbasis Model Discovery Learning pada Materi Zat Aditif dan Zat Adiktif untuk Meningkatkan Keterampilan Proses Sains.

- Development of Digital Student Worksheets with the Discovery Learning Model to Improve Collaboration Skills and Results for Elementary School Students: Literature
  - Universitas Lampung.
- Lestari, N. K. D. (2022). Pengembangan Media Pembelajaran E-LKPD Berbasis Discovery Learning Muatan Pelajaran IPS Kelas V Sekolah Dasar. *Mimbar Pendidikan Indonesia*, 3(3). https://doi.org/10.23887/mpi.v3i3
- Melati, P., Yulkifli, & Fauzi, A. (2019). Validity of student worksheet based on problem based learning model assisted by practical tools with digital display. *Journal of Physics: Conference Series*, 1185, 012057. https://doi.org/10.1088/1742-6596/1185/1/012057
- N.F., I. A. (2022). Pengembangan LKPD Interaktif Berbasis Liveworksheet untuk Meningkatakan Hasil Belajar IPS Sekolah Dasar. *Jurnal Basicedu*, *6*(5), 8153–8162. https://doi.org/10.31004/basicedu.v6i5.3762
- Prastowo, A. (2012). Metode Penelitian Kualitatif dalam Perspektif Rancangan Penelitian. Arruzzmedia.
- Prastowo, A. (2014). Panduan Kreatif Membuat Bahan Ajar Inovatif. Diva Press.
- Pratama, A., Gani, T., & Danial, M. (2021). Pengembangan e-LKPD Berbasis Model Discovery Learning pada Materi Pokok Asam Basa. *Chemistry Education Review*, 5(1), 100–109. https://doi.org/10.26858/cer.v5i1.26363
- Ramadhana, R., & Hadi, A. (2022). Efektivitas Penerapan Model Pembelajaran Berbasis E-Learning Berbantuan LKPD Elektronik terhadap Hasil Belajar Peserta Didik. *EDUKATIF: Jurnal Ilmu Pendidikan*, 4(1), 380–389. https://doi.org/10.31004/edukatif.v4i1.1778
- Ramadia, G., Komariah, K., & Arifin, M. H. (2023). Pengembangan Multimedia Berbasis Google Sites Pada Materi Kegiatan Ekonomi terhadap Pemahaman Konsep Siswa Kelas IV Sekolah Dasar. *Paedagoria: Jurnal Kajian, Penelitian Dan Pengembangan Kependidikan,* 14(3), 276–284. https://doi.org/10.31764/paedagoria.v14i3.16162
- Risdianto, E. (2019). *Analisis Pendidikan Indonesia di Era Revolusi Industri 4.0*. Universitas Bengkulu. Sari, S. P. (2021). Pengembangan LKPD Berbasis Discovery Learning Berbantuan Software Tracker pada Materi Gerak Melingkar untuk Meningkatkan Pemahaman Konsep Peserta Didik. *Jurnal Kumparan Fisika*, 4(2), 137–146. https://doi.org/10.33369/jkf.4.2.137-146
- Subariyanto, M. I., Ambarita, A., & Yulianti, D. (2022). Pengembangan E-LKPD Berbasis Discovery Learning Untuk Mengoptimalkan Kemampuan Berpikir Kritis Peserta didik SD. *Elementary: Jurnal Iilmiah Pendidikan Dasar*, 8(1), 77–92. https://doi.org/10.32332/elementary.v8i1.4620
- Trisdiono, H., Siswandari, S., Suryani, N., & Joyoatmojo, S. (2019). Multidisciplinary Integrated Project-based Learning to Improve Critical Thinking Skills and Collaboration. *International Journal of Learning, Teaching and Educational Research*, 18(1), 16–30. https://doi.org/10.26803/ijlter.18.1.2
- Umriani, F., & Suparman. (2019). Analisis Kebutuhan E-LKPD Penunjang Model Pembelajaran PBL. *Prosiding Sendika*, 653–657.
- Wahida, S. N., Siswanto, M. B. E., Nasution, N., & Suhanadji, S. (2018). The Effect of Discovery Learning Model on Social skills And Students' Learning Outcomes of Mycultivation Theme in Fourth Grade of Elementary School. *Proceedings of the 2nd International Conference on Education Innovation (ICEI 2018)*, 167–171. https://doi.org/10.2991/icei-18.2018.36
- Widodo, S. (2017). Pengembangan Lembar Kegiatan Peserta Didik (LKPD) berbasis Pendekatan Saintifik untuk Meningkatkan Keterampilan Penyelesaian Masalah Lingkungan Sekitar Peserta Didik di Sekolah Dasar. *Jurnal Pendidikan Ilmu Sosial*, 26(2), 189–204. https://doi.org/10.17509/jpis.v26i2.2270

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