

Application of the Coopetarif Script Model in Indonesian Language Learning

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Abstract: The problem faced in this research is the lack of students' ability to understand Indonesian language learning material, such as the lack of students' ability to express thoughts, feelings and information in the form of reviews and essays. This research aims to improve students' ability to understand Indonesian language learning material about "Reviewing Science Books" using the Cooperative Script Model. This research is Classroom Action Research (PTK) which was carried out in two cycles with the research subjects being class IXD students at SMPN 2 Kudus. The research results showed that there was an increase in student activity and learning outcomes in Indonesian language learning after implementing the cooperative script model. Thus, it can be concluded that the Cooperative Script Model can improve students' understanding in learning Indonesian in the material of reviewing science books.

Komundar I coming outcomes Indonesian Contractive

1. Introduction

Learning is a process characterized by changes in a person. Changes as a result of the learning process can be shown in various forms such as changes in knowledge, understanding, attitudes and behavior, skills, abilities, abilities, receptivity and others (Sudjana, 2012). In order for the learning process to run effectively, a teacher must be competent to teach students and make students more active and motivated in the learning process. Optimal learning outcomes are the main goal to be achieved in the learning process. To optimize student learning outcomes, a learning model is needed that is appropriate to the teaching material (Zain, 2006; Dewanti, et. al., 2020; Fathurohman, 2020; Fathurohman, et. al., 2020). Linguistics as part of literature is related to ways of finding out and understanding systematically. Someone who studies language does not only need skills, but also a thought process to understand, discover and develop concepts in everyday life. The material in Indonesian language subjects is not only memorizing, but also requires understanding, analysis and students' ability to relate learning to everyday life. Learning materials are designed more systematically and psychologically from the perspective of learning principles in order to provide effective instruction. (Nugraheni, 2019; Ahsin, et. al., 2020; Arukah, et. al., 2020).

Initial observations at SMPN 2 Kudus showed the fact that the teaching and learning process runs theoretically and is not related to the real environment where students are. However, the condition of the school environment makes it very possible for learning activities to be carried out, which do not have to be carried out in a laboratory. So students can only imagine the objects they are studying abstractly. In turn, student interest, motivation and activity decreases. This can be seen from the learning outcomes of students who have not achieved learning completeness both individually and classically. Initial observation results of student learning completion only reached 60%. Incomplete student learning outcomes are influenced by many factors, such as inadequate school facilities, inappropriate choice of learning methods, less attractive learning media and low levels of student activity. An educator must know the criteria for selecting learning media. This is so that the desired learning objectives can be achieved optimally and well planned. (Nugraheni, et al., 2022; Fathurohman, et. al., 2020; Kara, et. al., 2020; Kara, et. al., 2020)

2. Structure of References

conducted by the author used several study reviews as a theoretical basis and also as a comparison with previous research that had been conducted. The study review conducted in this research involved several different sources. The cooperative learning model is a very popular learning model to be applied in various fields of study (Kusumawati & Sukidi, 2019). The cooperative learning model is defined as the use of small group learning (Adi, Phang, & Yusof, 2012) so that students work together to maximize themselves, participate directly (Sriarunrasmee, Suwannatthachote, & Dachakupt, 2019) and are actively involved in learning (Johnson & Johnson, 1999) as well as learning together with each other to achieve learning goals (Oxford, 2017)(Buchs, Gilles, Dutrévis, & Butera, 2019) solving problems, completing tasks or creating products (Laal & Ghodsi, 2019)(Laal, Khattami -Kermanshahi, & Laal, 2019). The cooperative learning model consists of various types, one of which is the Cooperative Script learning model.

This learning model can be applied to cognitive learning, because each student will be given complete teaching material, divided into pairs and each of them takes turns verbally summarizing the material that has been given, and the other pair corrects whether the statement expressed is correct. by the friend or not (Meilani & Sutarni, 2016). The cooperative script learning model has a strategic role in efforts to boost student learning outcomes. In its implementation, teachers adapt to the conditions of students' needs, so that teachers are expected to be able to convey the material appropriately without causing students to experience boredom (Salamiah, 2018). Fun learning is a dream for students. (Nugraheni, 2022; Septaningsih, et. al., 2020; Purnaningtyas, et. al., 2020; Purnaningtyas, et. al., 2020).

3. Methodology

The method used in this research is classroom action research. Classroom Action Research is action research in the field of education which is carried out in the classroom area with the aim of improving and/or enhancing the quality of learning (Kasbolah, 2019). Classroom action research is an examination of activities that are deliberately raised and occur in a class (Arikunto, 2019). Classroom action research is carried out by a teacher in his own class through self-reflection, with the aim of improving his performance as a teacher, so that student learning outcomes improve (Wardani, 2019). This research was carried out at SMPN 2 Kudus with the research subjects being class IX D students of SMPN 2 Kudus for the 2019/2020 academic year as many as 35 students. The selection of research subjects was based on the condition of class IX D as a whole.

4. Result and Discussion

Learning activities in classroom action research are carried out in 2 cycles, each cycle consisting of preliminary study, planning, action, observer and reflection on the activities carried out. In the first cycle the author carried out: a) identification of problems regarding the learning materials used, learning strategies commonly used. In this cycle, a conventional approach is used, b). presenting learning material "Reviewing Science Books", c). make observations using observation and photography, d). To measure the impact of the conventional approach, students' activity lists were used. Learning activities in preliminary studies generally use conventional learning, which includes lectures, questions and answers and giving assignments. The teacher explains material that can motivate class IXD students' learning.

At the planning stage, the author collaborated with other teachers in preparing a research plan, which included: 1) learning objectives, 2) competencies and learning materials, 3) learning strategies in the form of learning models, as well as learning resources and 4) evaluation of learning outcomes. In implementing the action, the learning activity begins with the teacher dividing the students into 6 groups. Each group is given reference learning material and asked to relate the previous material to the current material. In the learning process using the Cooperative Script Model, the teacher asks students to pair up. The teacher gives instructions that students are responsible for everything in their group, as if it were their own. Next, students do the assignments given by the teacher on the worksheet. The results of students' work are presented in front of the class.

From the results of observing student activities, success was found to be 68% in the quite good category. Thus, it can be concluded that students' attention in teaching and learning activities, courage, students' answers, seriousness in following lessons, seriousness in working on light and heavy questions were assessed by observers as sufficient.

Research in cycle II was carried out by identifying problems regarding the learning materials used, learning strategies commonly used, presenting learning materials, and making observations using observation and photography as learning evaluation. In the preliminary study, the teacher explained the advanced material "Reviewing Science Books" and responded to the contents of the report in class IXD SMP. At the planning stage, the author collaborated with other teachers in preparing a research plan, which includes: 1) learning objectives, 2) competencies and learning materials, 3) learning strategies in the form of methods and media used as well as learning resources, and 4) evaluation of learning outcomes.

In implementing the action, the learning activity begins with the teacher dividing the group into 6 groups. The teacher shares further discourse for cycle II. for each student to read and make a summary in each group. Students are divided into tasks and must have equal responsibilities among their group members. The results of the group work are presented in front of the class, by reading the summary as completely as possible, including the main ideas in the summary. At the end of the lesson, the teacher and students conclude the results of the group work and carry out an evaluation.

From the results of observations of the implementation of the cooperative script model, the results showed that learning activities achieved 89% success in the very good category. So, it can be concluded that the teacher's ability in the lesson, teacher's attitude in the lesson, mastery of the material, learning process, use of media, ability to close the lesson were assessed as good by the observer. Indonesian language learning activities on the material "Reviewing Science Books" through classroom action research in class IXD SMPN 2 Kudus in the even semester of 2019/2017 by applying the Cooperative Script Model obtained student scores in cycles I and II both individually and in groups, namely:

N0	Nama	L/P	PreTest	Cycle value 1	Cycle value 2
1	AJ	L	40	60	75
2	AS	L	40	60	75
3	Ah	L	50	60	80
4	AYR	L	60	70	80
5	AV	Р	40	60	75
6	AH	L	50	70	80
7	Ar	L	40	60	80
8	AMS	L	60	70	80
9	Са	Р	60	70	80
10	DIM	Р	50	70	80
11	DPM	L	60	80	80
12	DK	Р	50	60	80
13	ET	Р	60	80	80
14	Fa	L	40	70	80
15	Gu	L	50	70	90
16	HRZ	L	60	70	80
17	На	L	60	70	80
18	НА	Р	40	60	75
19	IR	Р	70	80	90
20	IE	L	50	60	75
21	Ju	L	60	70	80
22	LS	Р	70	80	90
23	Li	Р	70	80	90
24	LMA	Р	70	60	80
25	MZV	Р	70	80	90
26	MA	L	60	70	80
27	MI	L	40	70	80

 Table 1 - Student learning evaluation scores in each cycle.

28	NS	Р	50	70	80
29	NFFK	Р	70	80	90
30	Nu	Р	40	60	75
31	PS	L	60	70	80
32	PA	Р	70	70	80
33	PD	Р	50	60	75
34	RD	Р	50	60	80
35	RM	L	60	80	90
	Jumlah		1580	2560	2680
	Rata- Rata		54,77	67,39	80,48

From the data from the quantitative discussion of students' pretest and posttest results in learning Indonesian on the material "Reviewing Science Books", the initial results showed an average score of 54.77, the results in cycle I increased to an average score of 67 .39, and the results in cycle II rose to an average score of 80.48. Thus, the increase in the value of the Indonesian Language learning evaluation results on the material "Reviewing Science Books" in each cycle, means that Class IXD SMPN 2 Kudus students' understanding of this material shows a quite significant increase.

5. Conclusion

From the results of research and discussion regarding the application of the Cooperative Script Model in learning Indonesian in the material "Reviewing Science Books" in class IXD SMPN 2 Kudus in cycles I and II, it can be concluded that there has been an increase in learning activities during Indonesian language learning. Student learning outcomes both individually and in groups have increased in each cycle. Thus, the application of the Cooperative Script Model in Indonesian language learning can increase students' understanding of the material "Reviewing Science Books" in class IX D SMPN 2 Kudus.

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Conflict of Interest

The authors declare no conflicts of interest.

References

Adi, F. M., Phang, F. A., & Yusof, K. M. (2019). Student Perceptions Change in a Chemical Engineering Class using Cooperative Problem Based Learning (CPBL). *Procedia - Social and Behavioral Sciences*, 56, 627–635. https://doi.org/10.1016/j.sbspro.2012.09.697

Ahsin, M. N., & Fathurohman, I. (2020). Penerapan Blended Learning dengan Moodle dan Media Website dalam Pembelajaran Jurnalistik Daring. *Sasando: Jurnal Bahasa, Sastra Indonesia, dan Pengajarannya Lembaga Penelitian dan Pengabdian Masyarakat Universitas Pancasakti Tegal*, 3(2), 33-46. <u>https://doi.org/10.24905/sasando.v3i2.126</u>

Arikunto, S. (2019). Prosedur Penelitian Tindakan Kelas. Bumi Aksara.

Arukah, D. W., Fathurohman, I., & Kuryanto, M. S. (2020, October). Peningkatan Hasil Belajar Siswa dengan Menggunakan Media Ledu. *In Prosiding Seminar dan Diskusi Pendidikan Dasar*. https://journal.unj.ac.id/unj/index.php/psdpd/article/view/17738

Arukah, D. W., Fathurohman, I., & Kuryanto, M. S. (2020). Peningkatan Hasil Belajar Siswa Kelas IV Sekolah Dasar Negeri 2 Karangbener menggunakan Model *Think Pairs Share*. *EduBase: Journal of Basic Education*, 1(2), 127-135. https://doi.org/10.47453/edubase.v1i2.141 Affandi, Y., Darmuki, A., & Hariyadi, A. (2022). The Evaluation of JIDI (Jigsaw Discovery) Learning Model in the Course of Qur'an Qafsir. *International Journal of Instruction*, 15(1), 799-820. <u>https://doi.org/10.29333/iji.2022.15146a</u>

Azizah, N. Ahmad Hariyadi., 2022. Peran Guru dalam Mewujudkan Pembelajaran Literasi di Era Revolusi 4.0 Mewujudkan Masyarakat 5.0 Socienty. *Seminar Nasional Peran Bahasa dan Sastra dalam industry Kreatif Indonesia di Era* 5.0 1 (1) 107-112

Aryati, T. (2017). Meningkatkan Aktivitas dan Hasil Belajar Bahasa Indonesia pada Materi Cerpen melalui Penerapan Model Pembelajaran Kooperatif Bermain Jawaban di Kelas XI IPS 5 SMAN 10 Pekanbaru. *PeKA: Jurnal Pendidikan Ekonomi Akuntansi*, 5(2), 172–177. <u>https://doi.org/10.1017/CBO9781107415324.004</u>

Astriani, S.R., Sri Utaminingsih, Sri Surachmi W. (2021). Development of Ethno Mathematics based Mathematics Teaching Material Technology: A need Analysis. *Journal of Physics Conference: Series*. 1823. (1)

Buchs, C., Gilles, I., Dutrévis, M., & Butera, F. (2019). Pressure to Cooperate: Is Positive Reward Interdependence Really Needed in Cooperative Learning? *British Journal of Educational Psychology*. https://doi.org/10.1348/000709910X504799

Darmuki, A., Andayani, Joko Nurkamto, Kundharu Saddhono. (2017). Evaluating Information-Processing-Based Learning Cooperative Model on Speaking Skill Course. *Journal of Language Teaching and Reasearch*, 8(1), 44-51. http://www.academypublication.com/issues2/jltr/vol08/01/06.pdf

Darmuki, A. & Ahmad Hariyadi. (2019). Eksperimentasi Model Pembelajaran Jucama Ditinjau dari Gaya Belajar terhadap Prestasi Belajar Mahasiswa Mata Kuliah Berbicara di Prodi PBSI IKIP PGRI Bojonegoro [*Experimental Research on Jucama Learning Model viewed from Students' Learning Styles towards Their Learning Achievement in the Subject of Speaking*]. Kredo, 3(1), 62-72.

Darmuki, A. & Hidayati, N.A. (2019). Peningkatan Kemampuan Berbicara Menggunakan ModelKooperatif Tipe NHT pada Mahahasiswa Tingkat I-A Prodi PBSI IKIP PGRI Bojonegoro Tahun Akademik 2018/2019 [The Improvement of Speaking Skill using NHT Cooperative Model at First Year Students of Indonesian Language and Literature Department]. *Jurnal Pendidikan Edutama*, 6(2), 9-18. <u>http://dx.doi.org/10.30734/jpe.v6i2.453</u>

Darmuki, A., Ahmad Hariyadi. (2019). Peningkatan Keterampilan Berbicara Menggunakan Model Kooperatif Tipe Jigsaw pada Mahasiswa PBSI Tingkat IB IKIP PGRI Bojonegoro Tahun Akademik 2018/2019 [The Improvement of Speaking Ability using Jigsaw Cooperative Model at First Year Studetns of Indonesian Language and Literature Department. *Kredo*, 2(2), 256-267.

Darmuki, A., Andayani, Joko Nurkamto, Kundharu Saddhono. (2018). The Development and Evaluation of Speaking Learning Model by Cooperative Approach. *International Journal of Instruction*, 11(2), 115-128. https://doi.org/10.12973/iji.2018.1129a

Darmuki, A., Ahmad Hariyadi, Nur Alfin Hidayati. (2019). Developing Beach Ball Group Investigations Cooperative Learning Model to Improve Social Skill in Speaking Course. *EUDL*, 120-128. <u>http://dx.doi.org/10.4108/eai.27-4-2019.2286784</u>

Dewanti, F. C., Ahsin, M. N., & Fathurohman, I. (2020, November). Penggunaan Lagu Karya Band Wali Sebagai Upaya Meningkatkan Kosakata Bahasa Indonesia Bagi Penutur Asing. In Prosiding Seminar Internasional Seminar Kepakaran Bahasa Indonesia Untuk Penutur Asing (SEMAR BIPA) (Vol. 3. No. 149-156). 1. pp. https://conference.umk.ac.id/index.php/semarbipa/article/view/284

Fathurohman, I. (2020). Pembelajaran Mata Kuliah Keterampilan Berbahasa Indonesia melalui Live Streaming Youtube Berbasis Open Broadcast Software dan Whatsapp di Era Pandemi Covid 19. *Jurnal Educatio FKIP UNMA*, 6(2), 668-675. <u>https://doi.org/10.31949/educatio.v6i2.704</u>

Fathurohman, I., & Setiawan, D. (2020). The Utilization of Culture Map Board Media To Improve Teachers' Skills In Elementary School. *Journal of Education Technology*, 4(3), 279-284. <u>https://doi.org/10.23887/jet.v4i3.28456</u>

Fathurohman, I., & Purbasari, I. (2020). Peningkatan Hasil Belajar Siswa SDN 5 Gondoharum Kudus Melalui Model TGT dan Media DaperR. *Jurnal Ilmiah Wahana Pendidikan*, 6(3), 264-274. <u>https://doi.org/10.5281/zenodo.3960155</u>

Fathurohman, I., & Cahyaningsih, R. D. (2021). Development of Authentic Assessment Instrument for Improving Extensive Capacity of Metacognitive Perspective. *Asian Journal of Assessment in Teaching and Learning*, 11(1), 13–21.

Fatmawati, E. T., & Sujatmika, S. (2018). Efektivitas Pembelajaran Problem Based Learning terhadap Hasil Belajar IPA Ditinjau dari Kemampuan Berpikir Kritis [The Effectiveness of Problem Based Learning Against Science Learning Outcomes in View of Critical Thinking Ability]. *Wacana Akademika: Majalah Ilmiah Kependidikan*, 2(2), 163-171

Fitriani, S. Nurhanurawati, N. Coesamin, M. *Pengaruh Kemampuan Awal dan Motivasi Belajar Terhadap Kemampuan Komunikasi Matematis Siswa. Jurnal Pendidikan Matematika* Vol. 9 (1) Hal. 31-41. Online Publication. DOI: http://dx.doi.org/10.23960/mtk/v9i1.pp31-41

Fathurohman, I., & Cahyaningsih, R. D. (2021). Development of Authentic Assessment Instrument for Improving Extensive Capacity of Metacognitive Perspective. *Asian Journal of Assessment in Teaching and Learning*, 11(1), 13–21.

Hariyadi, Ahmad. (2022). Pendidikan Pancasila Menanamkan Nilai-nilai Karakter dan Budaya. Surabaya CV. Aksara Global

Hariyadi, A., & Darmuki, A. (2019). Prestasi dan Motivasi Belajar dengan Konsep Diri. *Prosiding Seminar Nasional Penguatan Muatan Lokal Bahasa Daerah sebagai Pondasi Pendidikan Karakter Generasi Milenial*. PGSD UMK 2019, 280-286.

Hasanah, U, Sarjono, Ahmad Hariyadi. (2021). Pengaruh Model Problem Based Learning Terhadap Prestasi Belajar IPS SMP Taruna Kedung Adem. *Aksara*. Vol. 7(1). 43-52.

Hariyadi, Ahmad. (2018). User Of Smart Ladder Snanke Media to Improve Stundent Learning Outcomes Of IV Grade Students of State Elementary School I Doropayung Pancur Rembang. *Refleksi Edukatika*. Vol. 9 (1), 107-111

Hariyadi, A., Fuadul, M., & Aldinda Putri. (2021) Pembelajaran Kooperatif Berbantuan Media Audio Visual Pada Mata Kuliah Pendidikan Ilmu Pengetahuan Sosial. *Refleksi Edukatika* Vol 12(1) 110-116

Hidayati, N. A. (2020). Penerapan Metode Mind Map Berbasis Drill Untuk Meningkatkan Kemampuan Berbicara Mahasiswa di Prodi PBSI IKIP PGRI Bojonegoro. *Jurnal Educatio FKIP UNMA*, 6(2), 462-468.

Hidayati, N. A. (2021). Peningkatan Keterampilan Pidato Melalui Metode Demonstrasi Berbantuan Unggah Tugas Video di Youtube. *Jurnal Educatio FKIP UNMA*, 7(4), 1738-1744.

Johnson, D. W., & Johnson, R. T. (2019). Making cooperative learning work. Theory into Practice. https://doi.org/10.1080/00405849909543834

Kara, R. B., Fathurohman, I., & Fajrie, N. (2020). Improving Poem Writing Skill Through Smart Ludo Media For Grade IV Students. *Jurnal Ilmiah Sekolah Dasar*, 4(3), 496-504. <u>https://doi.org/10.23887/jisd.v4i3.27538</u>

Kara, R. B., Fathurohman, I., & Fajrie, N. (2020). Upaya Meningkatkan Keterampilan Menulis Puisi melalui Media Ludo Pintar. *Journal of Education Action Research*, 4(3), 363-370. <u>https://doi.org/10.23887/jear.v4i3.27231</u>

Kasbolah, K. (2019). Penelitian Tindakan Kelas (PTK). Malang: Depdikbud.

Kusumawati, I. T., & Sukidi, M. (2014). Penerapan Model Pembelajaran Kooperatif Tipe Stad Untuk Meningkatkan Hasil Belajar Teknik Pengelasan Pada Siswa Kelas X. *JPGSD*, 2(2), 1–12. Retrieved from http://digilib.unimed.ac.id/id/eprint/21704

Kurnia, Ulfah Mita, Sri Utaminingsih, Irfai F. (2021). Keefektifan Media Treasure of Science Berbasis Kearifian Lokal dalam Pembelajaran Tema 8 Kelas V Sekolah Dasar. *Jurnal Iomiah Pendidikan dan Pembelajaran.*5 (3).

Khayati, Nur, Ahmad Hariyadi. (2022). Implementasi Literasi Digital dalam Pembelajaran Bahasa Indonesia di Era 5.0. Seminar Nasional Revitalisasi Media Pembelajaran Bahasa Indonesia di Era 5.0 Berbasis kurikulum merdeka belajar 1 (1). 26-30

Kemalsyah, M., Moh Solehaddin, Ahmad Hariyadi, Jenuri, Dina MS. (2022). An Analysis of Factors that Affectefl Students' Writing Skill. *Jurnal Qalamuna: Jurnal Pendidikan, Sosial, dan Agama*. 14 (2)

Laal, M., & Ghodsi, S. M. (2019). Benefits of collaborative learning. Procedia - Social and Behavioral Sciences. https://doi.org/10.1016/j.sbspro.2011.12.091

Laal, M., Khattami-Kermanshahi, Z., & Laal, M. (2019). Teaching and Education; Collaborative Style. *Procedia - Social and Behavioral Sciences*. <u>https://doi.org/10.1016/j.sbspro.2014.01.890</u>

Meilani, R., & Sutarni, N. (2016). Penerapan Model Pembelajaran Cooperative Script Untuk Meningkatkan Hasil Belajar. *Jurnal Pendidikan Manajemen Perkantoran*, 1(1), 176. <u>https://doi.org/10.17509/jpm.v1i1.3349</u>

Mufidah, R. Sri Surachmi W. 2022. The Influence of Work Discipline on thePerformance of Teachers of Cluwak District, Pati District. *ICCCM Journal of Social Sciences and Humanities*. 1 (5) 35-44

Misidawati, D,W., Ratna Nurdiana, Siti Aniqoh S, Ahmad Hariyadi, 2021. Media Vidio untuk Meningkatkan Prestasi Belajar Mata Kuliah Managemen Pemasaran di Masa Pandemi Cocid-19 pada Mahasiswa Prodi Ekonomi Syariah IAIN Pekalongan. *Jurnal Educatio FKIP UNMA*, 7(2), 382-388.

Nugraheni, L.Silvia Saiful Husniam Ahmad Hariyadi, Nur Alfi Hidayati., 2023. Schizophrenia Disorder of the Main Character in the Theater Performance Script" Screams of Silence" Literary Psychology. *ICCCM Journal pf Sciences and Humanites*. 2 (2)

Septaningsih, U., Fathurohman, I., & Setiawan, D. (2020). Keterampilan Guru Melalui Model Picture and Picture Berbantuan Media Roda Putar Kelas IV SDN Wonorejo 2 Demak. *Naturalistic: Jurnal Kajian dan Penelitian Pendidikan dan Pembelajaran*, 5(1), 661-666. <u>https://doi.org/10.35568/naturalistic.v5i1.887</u>

Supena, I., Darmuki, A., &Hariyadi, A. (2021). The Influence of 4C (Constructive, Critical, Creativity, Collaborative) Learning Model on Students' Learning Outcomes. *International Journal of Instruction*, 14(3), 873-892. <u>https://doi.org/10.29333/iji.2021.14351a</u>

Sa;adah, K. Ahmad Hariyadi. 2022. Eksploitasi Media Kuis Interaktif Kahoot berbasis Website Guna Meningkatkan Berfikir Kritis pada Siswa. Seminar Nasional Revitalisasi Media Pembelajaran Bahasa Indonesia di Era 5.0 Berbasis kurikulum merdeka belajar 1 (1) 53-59

Suprihatin, D., & Hariyadi, A. (2021). Peningkatan Kemampuan Menentukan Ide Pokok Melalui Model SAVI Berbasis Mind Mapping pada Siswa Sekolah Dasar. *Jurnal Educatio*. Vol. 7. No. 4, 1384-1393.

Putri, Eva Shahira, Ahmad H. 2022. Peranan Tradisi untuk Membangun Karakter Peserta Didik Melalui Vidio Animasi Era 5.0. Seminar Nasional Revitalisasi Media Pembelajaran Bahasa Indonesia di Era 5.0 Berbasis kurikulum merdeka belajar 1 (1). 38-44

Purnaningtyas, A. R. I. D., Fathurohman, I., & Kuryanto, M. S. (2020, October). Pemanfaatan Media Unos dan Model Pembelajaran Teams Games Tournament untuk Peningkatan Keterampilan Mengajar Guru Di SD Negeri Geritan Pati. In Prosiding Seminar dan Diskusi Pendidikan Dasar. <u>https://journal.unj.ac.id/unj/index.php/psdpd/article/view/17737</u>

Purnaningtyas, A. R. I. D., Fathurohman, I., & Kuryanto, M. S. (2020). Peningkatan Hasil Belajar Melalui Model Teams Games Tournament Berbantuan Media Unos pada Siswa Kelas IV Sekolah Dasar. *Jurnal Pendidikan Dasar Borneo (Judikdas Borneo)*, 2(2), 15-23. <u>https://doi.org/10.35334/judikdas%20borneo.v2i2.1479</u>

Wahyu, Arukah Dwi, Irfai Fathurohman, Moh. Syaffruddin K. 2020. Peningkatan Hasil Belajar Siswa dengan Menggunakan Media Ledu. *Proseding Seminar dan Diskusi Pendidikan Dasar*.

Wiji Astuti, S.S., Sarjono, Ahmad H. 2021. Penerapan Model Pembelajaran Group Ivestigation untuk Meningkatankan Aktivitas dan Hasil Belajar IPS Siswa Kelas VII SMPN 1 Senori tahun pelajaran 2019/2020. Aksara: Jurnal Ilmu Pendidikan Nonformal. 7 (1) 37-42