



Emergent Curriculum in The Form of Creative Class in Kindergarten in Bali

Putu Aditya Antara^{1*} 

¹ Universitas Pendidikan Ganesha, Singaraja, Indonesia
e-mail: putuaditya.antara@undiksha.ac.id

ARTICLE INFO

Article history:

Received June 10, 2021

Revised June 11, 2021

Accepted July 12, 2021

Available online August 25, 2021

Kata Kunci:

Emergent Curriculum, Kelas Kreatif, Taman Kanak-Kanak

Keywords:

Emergent Curriculum, Creative Class, Kindergarten

ABSTRAK

Masih banyak anak-anak usia Taman Kanak-Kanak di Bali yang belum mendapatkan layanan lembaga PAUD secara maksimal. Hal tersebut dapat menyebabkan berbagai hal, salah satunya yaitu kurikulum dan pengelolaan pendidikan yang diberlakukan di TK membebani anak sehingga para orang tua enggan menyekolahkan anak mereka dan lebih memilih mengasuh di rumah saja. Tujuan penelitian ini adalah menganalisis potensi pelaksanaan emergent curriculum berbasis kelas kreatif pada taman kanak-kanak. Jenis penelitian yaitu kualitatif berpendekatan studi kasus dengan sumber data yang berasal dari pengamatan, wawancara dan dokumentasi. Unit analisis dalam penelitian ini yaitu guru, kepala sekolah, dan anak pada tiga taman kanak-kanak di Bali pada tahun 2017 dengan total jumlah 210 orang. Analisis data yang digunakan mengadopsi model analisis Miles dan Huberman yang dilakukan dalam empat langkah yaitu pengumpulan data, reduksi data, penyajian data dan verifikasi atau penarikan kesimpulan. Hasil penelitian menunjukkan bahwa emergent curriculum berbasis kelas kreatif yang ditinjau dari kelas indoor ditemukan belum dinamis, kondusif dan ideal untuk dapat meningkatkan kreativitas anak, namun lembaga sudah menggunakan model pembelajaran area hanya tidak maksimal dalam realisasinya. Sedangkan pada kelas outdoor sudah dilakukan secara rapi dan indah, namun anak-anak belum diorganisasikan secara baik ketika bermain di halaman sekolah, padahal pengembangan anak di luar ruangan merupakan stimulasi yang baik untuk anak agar mereka bisa distimulasi pada berbagai kondisi ketika berada di lembaga taman kanak-kanak. Selain itu, suasana kelas belum dikembangkan secara kreatif imajinatif padahal banyak bagian kelas yang bisa dimaksimal seperti dinding dipakai memajang karya-karya anak.

ABSTRACT

Many children of kindergarten age in Bali have not received the complete Early childhood agency services. This can cause various things, one of which was the curriculum and management of education enforced in kindergarten burdening children. Parents were reluctant to send their children to school and prefer to care at home only. This study aimed to analyze the potential implementation of a creative class-based emergent curriculum in kindergarten. This type of research is qualitatively shortening case studies with data sources derived from observations, interviews, and documentation. The analysis unit in this study was teachers, principals, and children at three kindergartens in Bali in 2017, with 210 people. Data analysis adopted Miles and Huberman analysis models that were carried out in four steps: data collection, data reduction, data presentation, and verification or withdrawal of conclusions. The results showed that the emergent curriculum based on creative classes reviewed from the indoor class was not yet dynamic, conducive, and ideal for increasing children's creativity. Still, institutions already use area learning models only, not maximal in their realization. In comparison, the outdoor class has been done neatly and beautifully. Yet, children have not been appropriately organized when playing in the schoolyard, even though the development of children in the outdoor class was good stimulation for children to be stimulated in various conditions when in kindergarten institutions. In addition, the class atmosphere has not been developed creatively imaginatively even though many parts of the class that can be maximized, such as walls, were used to display children's works.

This is an open access article under the [CC BY-SA](https://creativecommons.org/licenses/by-sa/4.0/) license.

Copyright © 2021 by Author. Published by Universitas Pendidikan Ganesha.



1. INTRODUCTION

The existence of teachers is a central figure and has an essential responsibility in the successful learning activities of children (Boesdorfer, 2019; Butler & Shibaz, 2014; Karaca & Uysal, 2021). The

implementation of learning carried out by teachers must undoubtedly be prepared clearly in the form of a curriculum so that teachers can determine the quality materials that will be given in learning in children (Mullis et al., 2012; I. G. A. A. Wulandari, 2020). The teacher implements the curriculum in the classroom due to two main activities, namely teaching activities and activities to manage the classroom. All components of teaching that include objectives, subject matter, teaching-learning activities, methods, tools and resources, and evaluation are played optimally to achieve the teaching goals set before the teaching is carried out (Mullis et al., 2012; Thooyibah et al., 2019; Wiranto & Slameto, 2021). Class management is not just a classroom setting, physical facilities, and routines. Classroom management activities are intended to create and maintain the atmosphere and conditions of the classroom. This causes the teaching and learning process to occur effectively and efficiently (Antara, 2018; Bahari et al., 2018; Thooyibah et al., 2019). For example, strengthening, developing teacher relationships with children, and making productive group rules.

In terms of implementing learning practices, all aspects of teaching education meet and process in the classroom. Teacher with all his abilities, a child with all his background and traits (Aina & Tuti, 2020; Butler & Shibaz, 2014; Karaca & Uysal, 2021). The curriculum, with all its components, materials, and sources of lessons with all the subjects, meet and blends and interacts in the classroom (Febriyanti, 2013; Mega et al., 2015; Sanjiwana et al., 2015). Even the outcome of education and teaching is primarily determined by what happens in the classroom. Therefore it is appropriate that the class is well managed, professional, and continuous (Lin et al., 2021; Ristanti & Arianto, 2019). Based on data from the Ministry of Education, it can be seen that the Gross Participation Rate (APK) children in Kindergarten in Bali has only reached 74.41%, which is still far when compared to the APK of neighboring provinces, namely East Java, which reached 91.53% (Antara, 2015a). This indicates that there are still many children of kindergarten age in Bali who have not received the services of Early Childhood Education institutions (especially kindergarten) to the maximum. This can cause various things, one of which is the curriculum and management of education implemented in kindergarten burdening children so that parents are reluctant to send their children to school and prefer to care at home only. This condition is so reasonable that it can create poor classroom management. Teachers are still fixated on standard game tools and develop learning by "forcing" the national curriculum to be implemented (Antara, 2018; Swastrini et al., 2016). In fact, on the other hand, teachers in Bali look for potential to do the learning process by using an exciting curriculum with creative classroom management strategies. This becomes interesting and potential because the existing culture in Bali has a distinctive nuance of creativity development.

In terms of the implementation of learning practices, all aspects of teaching education meet and process in the classroom. A teacher with all his abilities and a child with all his background and traits (Aina & Tuti, 2020; Butler & Shibaz, 2014; Karaca & Uysal, 2021). The curriculum, with all its components, materials, and sources of lessons with all the subjects, meet and blends and interacts in the classroom (Febriyanti, 2013; Mega et al., 2015; Sanjiwana et al., 2015). Even the outcome of education and teaching is primarily determined by what happens in the classroom. Therefore it is appropriate that the class is well managed, professional, and continuous (Lin et al., 2021; Ristanti & Arianto, 2019). Based on data from the Ministry of Education, it can be seen that the Gross participation rate (APK) children in Kindergarten in Bali has only reached 74.41%, which is still far when compared to the APK of neighboring provinces, namely East Java, which reached 91.53% (Antara, 2015a). This indicates that there are still many children of kindergarten age in Bali who have not received the services of Early Childhood Education institutions (especially kindergarten) to the maximum. It can cause various things, one of which is the curriculum and management of education implemented in kindergarten burdening children so that parents are reluctant to send their children to school and prefer to care at home only. This condition is so reasonable that it can create poor classroom management. Teachers are still fixated on standard game tools and develop learning by "forcing" the national curriculum to be implemented (Antara, 2018; Swastrini et al., 2016). In fact, on the other hand, teachers in Bali look for potential to do the learning process by using an exciting curriculum with creative classroom management strategies. It becomes exciting and potential because the existing culture in Bali has a distinctive nuance of creativity development.

The urgency of learning planning with emergent design, as described above, can be said that innovative learning planning provides opportunities to maximize the potential of children (Daunic et al., 2021; S.-C. (Angel) Wu & Chang, 2015). Proactive learning planning called emergent curriculum has historically been developed from a long time ago in developed countries like Australia and America. The curriculum focuses on children with various characteristics and suits the child's interests (Fisher & Fiese, 2014; Sverdlov et al., 2014). Learning activities that focus on children have been done for a long time by kindergarten teachers in Indonesia but have not been done according to the interests of children and following trending topics during the learning process. This is the fundamental reason that emergent curriculum will be able to create creative classroom management in kindergarten because the learning planning is implemented concerning the interests of children. Trending topics in the classroom as well as learning focus based on child characteristics. By studying this phenomenon, it is urgent to conduct a study on the use of emergent curriculum in the implementation of creative

classes at kindergartens in Bali. It will give a complete and complete picture of the potential use of emergent curriculum as a complement to the national curriculum that has been implemented in Indonesia.

A simple definition of emergent curriculum is a flexible and responsive curriculum with a focus on implementing active learning, the process of investigative activities, and constructing an understanding of the material by children collaboratively (Collins & Clarke, 2018; Sutrisno et al., 2021). Emergent curriculum based on children's character development, interests, and talents (Flores, 2021; Hasanah, 2018). The emergent curriculum approach focuses on the idea of competent and resourceful children rather than a developmental process that focuses on weaknesses that need to be developed (Gonzalves, 2021; Piasta et al., 2021). Characteristics of the emergent curriculum itself, namely the emergent curriculum, are formed based on ideas and interests that arise from children, based on responding to parents' concerns about what is happening in the environment and teacher decisions as to the direction of the implementation of the curriculum (Allan et al., 2018; O'Brien et al., 2020). When children have a vast curiosity, then that's where children can be given learning. Many early childhood professionals believe that children learn as they play both alone and with other children and their teachers (Paul & Singh, 2020; Wong & Russak, 2020). Creativeelas is a class built on constructive values in the learning process, including collaboration, individual autonomy, reflection, personal relevance, and pluralism.

Constructive classroom management will provide active learning opportunities (Polat & Aydm, 2020; Swanson et al., 2019). Refer to a holistic approach to education; creative classroom management reflects the assumption that the process of knowledge and understanding of acquisition is utterly inherent in the social-emotional context of learning. Characteristics of managing creative classes for learning are general learning, instruction, and learning together. Five essential methods for designing innovative classroom management are: 1) protecting learners and control from the breakdown of instructional practice by developing autonomy and control of learners, encouraging self-regulation and making instructions personally relevant to learners, 2) creating a learning context encouraging the development of personal autonomy, 3) conditioning learners on learning grounds in learning activities, 4) encouraging self-regulation with the development of skills and behaviors that allow learners to increase responsibility in their learning, 5) encouraging learning awareness and error testing (Awalia et al., 2019; Shofiah et al., 2018; Soyadi & Birgili, 2015). The previous research findings also stated that an emergent curriculum could create active learning (Kidd et al., 2020). Other research also stated that an emergent curriculum could improve students' learning spirit (Collins & Clarke, 2018). It can be concluded that emergent curriculum can help students in learning. The purpose of this study is to analyze emergent curriculum in the form of creative classes at kindergartens in Bali. It is hoped that emergent curriculum can create a pleasant learning atmosphere for students so as to improve student learning outcomes.

2. METHOD

This type of research was qualitative research. This research used case study methods. Research with the case study approach applied to look at the object of the study in more depth by restricting both the focus of the problem and the system used in the research (Setyosari, 2015). The research was conducted at 3 State Kindergartens in Bali, namely TK Negeri Pembina Denpasar, TK Negeri Pembina Gianyar, and TK Negeri Pembina Buleleng, found some information related to the ability to build creative classes based on Emergent Curriculum. The case study research method used can reveal naturally or following the reality regarding the implementation of the emergent curriculum in the form of creative classes at kindergarten in Bali. The data were obtained by snowball techniques and observation techniques, interviews, and documentation, with data sourced from teachers, children, parents of students, and the community around kindergarten. The study was conducted in Bali in 2017. Data analysis was used by adopting the Miles and Huberman analysis model that was carried out in four steps: data collection, data reduction, data presentation, and verification or withdrawal of conclusions (Miles & Huberman, 2007).

3. RESULT AND DISCUSSION

The phenomenon of the existence of emergent curriculum with creative class-based is studied based on two forms of class arrangement, namely the management of indoor and outdoor classes. The management of classes divided into two is based on the concept that learning occurs in two conditions, namely indoor and outdoor classes (Kidd et al., 2020; W. H. Wu et al., 2019). Based on the analysis of emergent curriculum implementation data reviewed from class management, the management of indoor classes has not been dynamic, conducive, and ideal to increase the creativity of kindergarten children. In addition, there has not been a complete and comprehensive portfolio assessment system in children, so that not all potential children can be analyzed. One of the teachers in Buleleng State Kindergarten confirmed this in an interview as follows;

"Portfolio assessment has been done in learning in all classes, but we have not routinely held the form of anecdotal records because recording and analysis is rather difficult." (CW.05). Looking at the above phenomenon, it can be explained that not all essential components of the portfolio in early childhood were implemented. Though the use of anecdotal notes is necessary considering the various learning conditions of children occur spontaneously and incidentally (Restyani, 2018; Susanti, 2014; P. Wulandari et al., 2018). Suppose this condition was seen from the perspective of an emergent curriculum. In that case, the school was not supposed to do incidental and spontaneous learning. Even though the ability to do spontaneous learning can change the curriculum's design that follows the trending topic of children when learning took place becomes very important in the implementation of emergent curriculum.

The stimulus aspect of the development of children's basic abilities was already done well but in the process of stimulation carried out individually in children in the classroom looks not yet maximal done on daily activities in each age group. The use of media and learning resources has not varied. The use of media also depended on media in the form of grants from the government alone without creating other innovative learning media. This learning media can facilitate students in understanding learning materials easily (Budiarto et al., 2020; Hosen et al., 2021; Khamparia & Pandey, 2017). But on the other hand, all three kindergartens have developed learning in the child's interest-based classroom because classes have been arranged with the area learning model. This area learning model is a form of learning based on children's interests and talents. Also, it is developed through facilities and infrastructure separated by special classrooms based on the child's favorite area at the time of play (Antara, 2015b; Churchill et al., 2013; Jaedun & Nuryadin, 2017; Manurung & Panggabean, 2020).

Outdoor classroom management and arrangement have been made neatly and beautifully, but children have not been well organized when playing in the schoolyard. Padahal outdoor child development is suitable for stimulating children in various conditions while in kindergarten institutions (Aulia & Budiningsih, 2021; Darmiatun & Mayar, 2020; Utomo et al., 2018). Specifically, learning needs must be considered and appropriately developed even though children play freely outdoors (Lukitasari et al., 2019; Mills et al., 2021; Nkhoma et al., 2017). This becomes important because children who play outdoors are also in a learning condition, so it must be considered to the maximum (Sirait & Apriyani, 2020; Triana et al., 2016). Observations on parenting show that schools do not have a complete SOP, especially when children are outside the classroom. Based on the results of an interview with a principal stated as follows: "... When children play in the yard, we usually free children to play at will but still remain under the supervision of teachers." (CW.10). The interview results showed that parenting was carried out based on learning planning in the classroom only. In contrast, every Early Childhood Education institution must use Standard Operating Procedures (SOP) according to the 2013 Early Childhood Education Curriculum. Which stated that learning conducted in kindergarten starts welcoming, children rest, children activities in the classroom until children go home. This confirms again that parenting should also be given when the child is in a state of health in the schoolyard to do learning holistically and integratively (Antara, 2015a). Judging from the emergent curriculum concept, learning and nurturing activities should be arranged in such a way that occurs in various classroom atmospheres (Kidd et al., 2020; W. H. Wu et al., 2019). So that learning in the form of creative classes based on emergent curriculum will be possible to happen.

The development of basic children's abilities in the classroom should be more varied and should be based on the child's interests. Children's interests can be realized by creating more varied areas for learning activities (Fauziah, 2017; Putrayasa et al., 2014). This area was a background for learning activities in developing certain basic abilities such as divinity, science, and art. In addition to where to put tools and learning resources, the area also serves as a vehicle to motivate and develop children's creativity. This can be easily done by all kindergarten institutions but based on direct observations as in the above research results. It appeared that the three kindergarten institutions had implemented an area learning model. However, the implementation of learning still used a group system because teachers were easier to prepare for learning even though learning in the classroom cannot be managed more creatively. Judging from the classroom atmosphere, the teachers did not maximally use the walls and props as learning and playroom for children. In creating a more creative class, the wall can be used to paste the results of children's work. The child's work was taped to the wall to the maximum and carried out alternately so that it was not dull and does not interfere with the child's attention. The laying and storage of play tools/learning resources were arranged in such a way as to function, making it easier for children to use and restore them to their place after completion of use (Hardiyanti et al., 2019; Nasution et al., 2020; Solihati, 2015). The arrangement of classrooms, furniture, accessories on the walls, and various display materials should be changed periodically permanently to create a new and not dull classroom atmosphere (Lau & Li, 2019; Muhonen et al., 2020). The necessary learning tools and resources in learning with areas of activity based on interests are arranged so that the activity's nature and purpose were arranged in the room/classroom. Learning tools and resources provided in this area are various tools/resources that can stimulate children to play by hand. The activity area can also function as a place of learning according to the child's interests to promote children's

creativity. The teacher was expected to increase self-competence in developing creative classes based on the child's emergent curriculum to get used to and handle various characteristics of children. The teacher must always communicate with the child's parents so that children's talents are more holistic and sustainable (Awalia et al., 2019; Mardiyah et al., 2021). Kindergarten managers support teachers to build creative classes based on emergent curriculum, especially providing teachers with the opportunity to participate in training and special education about creative classes based on children's interests.

4. CONCLUSION

The management of creative classes based on emergent curriculum reviewed from indoor spaces has not been dynamic, conducive, and ideal to increase the creativity of kindergarten children. In addition, there has not been a complete portfolio assessment system in children. Not all children's potential can be analyzed, and emergent curriculum can not be fulfilled in terms of basic concepts. The development of learning in the classroom was already based on children's interests because classes have been arranged with the area learning model. The arrangement based on the emergent curriculum reviewed from outdoor classrooms has been made neatly and beautifully, but children have not been well organized when playing in the schoolyard.

5. REFERENCES

- Aina, & Tuti. (2020). Improving Teacher Performance In Classroom Learning Process Through Collaborative Educational Supervisions In Elementary Schools. *Primary Jurnal Pendidikan Guru Sekolah Dasar*, 9(2). <http://dx.doi.org/10.33578/jpkip.v9i2.7894>.
- Allan, D. M., Allan, N. P., Lonigan, C. J., Hume, L. E., & Farrington, A. L. (2018). The influences of multiple informants' ratings of inattention on preschoolers' emergent literacy skills growth. *Learning and Individual Differences*, 65. <https://doi.org/10.1016/j.lindif.2018.05.014>.
- Antara, P. A. (2015). Pengembangan Bakat Seni Anak Pada Taman Kanak-Kanak. *Jurnal Ilmiah Pendidik Dan Tenaga Kependidikan Pendidikan Non Formal*, 10(1). <https://doi.org/10.21009/JIV.1001.4>.
- Antara, P. A. (2018). Stimulasi Metode Permainan Kreatif Berdesain Creative Movement Dalam Menumbuhkan Kemampuan Spasial Anak Dengan Mempertimbangkan Kemampuan Anak Mempertimbangkan Budi Pekerti. *Jurnal Pendidikan Usia Dini*, 12(2). <https://doi.org/10.21009/JPUD.122.11>.
- Antara, P. A., & Aryaprastya, I. G. K. (2013). Peningkatan Kemampuan Berpikir Kritis Anak Melalui Metode Bermain Peran (Penelitian Tindakan Kelas Di Taman Kanak-Kanak Labschool Universitas Pendidikan Ganesha, Singaraja-Bali, Tahun 2011). *Jurnal Universitas Pendidikan Indonesia*, 1(2).
- Aulia, B. N. R., & Budiningsih, C. A. (2021). Tingkat Pemahaman Guru Taman Kanak-kanak di Lombok dalam Stimulasi Pengembangan Bahasa Anak Usia Dini. *Jurnal Obsesi : Jurnal Pendidikan Anak Usia Dini*, 5(1). <https://doi.org/10.31004/obsesi.v5i2.1082>.
- Awalia, I., Pamungkas, & Alamsyah. (2019). Pengembangan Media Pembelajaran Animasi Powtoon pada Mata Pelajaran Matematika di Kelas IV. *Jurnal Matematika Kreatif-Inovatif*, 10(1). <https://doi.org/10.15294/kreano.v10i1.18534>.
- Bahari, Darsana, & Putra. (2018). Pengaruh Model Discovery Learning Berbantuan Media Lingkungan Alam Sekitar terhadap Hasil Belajar IPA. *Jurnal Ilmiah Sekolah Dasar*, 2(2). <https://doi.org/10.23887/jisd.v2i2.15488>.
- Boesdorfer, S. B. (2019). Growing Teachers and Improving Chemistry Learning: How Best Practices in Chemistry Teacher Education Can Enhance Chemistry Education. *ACS Symposium Series*, 1(1). <https://doi.org/10.1021/bk-2019-1335.ch001>.
- Budiarto, M. K., Joebagio, H., & Sudiyanto, S. (2020). Student's View of Using Digital Learning Media in Classroom Activities: A Case of Public Senior High School in Cirebon, Indonesia. *Jurnal Pendidikan Progresif*, 10(1). <https://doi.org/10.23960/jpp.v10.i1.202006>.
- Butler, R., & Shibaz, L. (2014). Striving to connect and striving to learn: Influences of relational and mastery goals for teaching on teacher behaviors and student interest and help seeking. *International Journal of Educational Research*, 65. <https://doi.org/10.1016/j.ijer.2013.09.006>.
- Churchill, D., King, M., & Fox, B. (2013). Learning design for science education in the 21st century. *Zbornik Instituta Za Pedagoska Istrazivanja*, 45(2), 404–421. <https://doi.org/10.2298/ZIPII1302404C>.
- Collins, S., & Clarke, A. (2018). Activity frames and complexity thinking: Honoring both public and personal agendas in an emergent curriculum. *Teaching and Teacher Education*, 4(4). <https://doi.org/10.1016/j.tate.2007.11.002>.
- Darmiatun, S., & Mayar, F. (2020). Meningkatkan Kemampuan Motorik Halus Anak melalui Kolase dengan Menggunakan Bahan Bekas pada Anak Usia Dini. *Jurnal Obsesi : Jurnal Pendidikan Anak Usia Dini*, 4(1). <https://doi.org/10.31004/obsesi.v4i1.327>.

- Daunic, A. P., Corbett, N. L., Smith, S. W., Algina, J., & Poling, D. (2021). Efficacy of the social-emotional learning foundations curriculum for kindergarten and first grade students at risk for emotional and behavioral disorders. *Journal of School Psychology*, 86. <https://doi.org/10.1016/j.jsp.2021.03.004>.
- Fauziah, A. (2017). Hubungan Antara Motivasi Belajar Dengan Minat Belajar Siswa Kelas IV SDN Poris Gaga 05 Kota Tangerang. *Jurnal Pendidikan Sekolah Dasar*, 4(1). <http://dx.doi.org/10.12928/jpsd.v4i2.9594>.
- Febriyanti. (2013). Article Kurikulum Pendidikan Tinggi Di Era Globalisasi (Pergeseran Dari Kurikulum Inti Dan Institusional Ke Kurikulum Berbasis Kompetensi). *Ta'di Jurnal Pendidikan Islam*, 18(2). <https://doi.org/10.19109/tjie.v18i02.51>.
- Fisher, M., & Fiese, B. (2014). Implementation of the Sprouts Growing Healthy Habits Curriculum in Preschool and Kindergarten Classrooms: Is it Feasible? *Journal of Nutrition Education and Behavior*, 46(4). <https://doi.org/10.1016/j.jneb.2014.04.122>.
- Flores, J. A. A. (2021). The semiotics of writing: How adult L2 learners with emergent literacy make meaning in assessment texts through writing. *Journal of Second Language Writing*, 51. <https://doi.org/10.1016/j.jslw.2021.100793>.
- Gonzalves, L. (2021). Development of copying skills in L2 adult English learners with emergent print literacy. *Journal of Second Language Writing*, 51. <https://doi.org/https://doi.org/10.1016/j.jslw.2021.100790>.
- Hardiyanti, Y., Husain, M. S., & Nurabdiansyah. (2019). Perancangan Media Pengenalan Warna Untuk Anak Usia Dini. *Jurnal Imajinasi Seni Dan Pendidikan*, 2(2). <https://doi.org/10.26858/i.v2i2.9553>.
- Hasanah, M. (2018). Pengembangan Model Pembelajaran Baca-Tulis Permulaan Dalam Perspektif Emergent Literacy. *Literasi: Indonesian Journal Of Humanities*, 14(1). <https://doi.org/10.21831/ltr.v14i1.4409>.
- Hosen, M., Ogbeibu, S., Giridharan, B., Cham, T.-H., Lim, W. M., & Paul, J. (2021). Individual motivation and social media influence on student knowledge sharing and learning performance: Evidence from an emerging economy. *Computers & Education*, 172. <https://doi.org/10.1016/j.compedu.2021.104262>.
- Jaedun, & Nuryadin. (2017). Dampak Pengiring Pembelajaran Pendekatan Saintifik untuk Pengembangan Sikap Spiritual Dan Sosial Siswa. *Cakrawala Pendidikan*, 36(1), 44–56. <https://doi.org/10.21831/cp.v36i1.12792>.
- Karaca, M., & Uysal, H. H. (2021). The development and validation of an inventory on English writing teacher beliefs. *Assessing Writing*, 47. <https://doi.org/10.1016/j.asw.2020.100507>.
- Kawka, M., MH.Gall, T., Fang, C., Liu, R., & Jiao, R. (2021). Intraoperative video analysis and machine learning models will change the future of surgical training. *Intelligent Surgery*, 1(1). <https://doi.org/10.1016/j.isurg.2021.03.001>.
- Khamparia, A., & Pandey, B. (2017). Impact of interactive multimedia in E-learning technologies: Role of multimedia in E-learning. *Enhancing Academic Research With Knowledge Management Principles*, April, 199–227. <https://doi.org/10.4018/978-1-5225-2489-2.ch007>.
- Kidd, D., Miner, J., Schein, M., Blauw, M., & Allen, D. (2020). Ethics across the curriculum: Detecting and describing emergent trends in ethics education. *Studies in Educational Evaluation*, 67. <https://doi.org/10.1016/j.stueduc.2020.100914>.
- Lau, M. M., & Li, H. (2019). Whole-day or half-day kindergarten? Chinese parents' perceptions, needs, and decisions in a privatised marketplace. *Children and Youth Services Review*, 105. <https://doi.org/10.1016/j.childyouth.2019.104427>.
- Lestari, N. D. (2018). Analisis Penerapan Kurikulum 2013 Dalam Meningkatkan Kualitas Pembelajaran Ekonomi Di Sma Negeri Se-Kota Palembang. *Jurnal Neraca: Jurnal Pendidikan Dan Ilmu Ekonomi Akuntansi*, 2(1), 68–79. <https://doi.org/10.31851/neraca.v2i1.2190>.
- Lin, Y.-N., Hsia, L.-H., & Hwang, G.-J. (2021). Promoting pre-class guidance and in-class reflection: A SQIRC-based mobile flipped learning approach to promoting students' billiards skills, strategies, motivation and self-efficacy. *Computers & Education*, 160. <https://doi.org/10.1016/j.compedu.2020.104035>.
- Lukitasari, Purnamasari, Utami, & Sukri. (2019). Blended-Problem-Based Learning: How its impact on students' critical thinking skills? *Jurnal Pendidikan Biologi Indonesia*, 5(3), 425–434. <https://doi.org/10.22219/jpbi.v5i3.10048>.
- Manurung, & Panggabean. (2020). Improving Students' Thinking Ability In Physics Using Interactive Multimedia Based Problem Solving. *Cakrawala Pendidikan*, 39(2), 460–470. <https://doi.org/10.21831/cp.v39i2.28205>.
- Mardiyah, S., Yulianingsih, W., & Putri, L. S. R. (2021). Sekolah Keluarga: Menciptakan Lingkungan Sosial untuk Membangun Empati dan Kreativitas Anak Usia Dini. *Jurnal Obsesi: Jurnal Pendidikan Anak Usia Dini*, 5(1). <https://doi.org/10.31004/obsesi.v5i1.665>.
- Masita, M., Basri, M., & Rahman, A. Q. (2020). Globalizing Primary Curriculum in Indonesia. *Asian EFL Journal*, 27(3.3), 51–68.

- Mega, C., Pudjawan, K., & Margunayasa, I. G. (2015). Analisis sikap sosial siswa kelas V pada pembelajaran dengan kurikulum 2013. *Mimbar PGSD Universitas Pendidikan Ganesha*, 3(1). <http://dx.doi.org/10.23887/jjsgsd.v3i1.5631>.
- Miles, M., & Huberman, A. M. (2007). *Analisis Data Kualitatif*. UI Press.
- Mills, K., Roper, F., & Cesare, S. (2021). Accelerating student learning in communication and research skills: the adoption of adaptive learning technologies for scenario-based modules. *Technology, Change and the Academic Library*, 75. <https://doi.org/10.1016/B978-0-12-822807-4.00007-5>.
- Muhonen, H., Pakarinen, E., Lerkkanen, M.-K., Barza, L., & Suchodoletz, A. von. (2020). Patterns of dialogic teaching in kindergarten classrooms of Finland and the United Arab Emirates. *Learning, Culture and Social Interaction*, 25. <https://doi.org/10.1016/j.lcsi.2018.11.011>.
- Mullis, I. V., Martin, M. O., Minnich, C. A., Stanco, G. M., Arora, A., Centurino, V. A., & Castle, C. E. (2012). TIMSS 2011 Encyclopedia: Education Policy and Curriculum in Mathematics and Science. In *Pirls* (Vol. 1). [https://doi.org/10.6209/jories.2017.62\(1\).03](https://doi.org/10.6209/jories.2017.62(1).03).
- Mulyadin. (2016). Implementasi Kebijakan Pembelajaran Tematik Terpadu Kurikulum 2013 Di SDN Kauman 1 Malang Dan Sd Muhammadiyah 1 Malang. *Jurnal Pendidikan Edutama*, 3(2), 31 – 48. <http://dx.doi.org/10.30734/jpe.v3i2.35>.
- Nasution, N., Yaswinda, Y., & Maulana, I. (2020). Analisis Pembelajaran Berhitung melalui Media Prisma Pintar pada Anak Usia Dini. *Jurnal Obsesi: Jurnal Pendidikan Anak Usia Dini*, 4(1). <https://doi.org/10.31004/obsesi.v4i1.311>.
- Nkhoma, M., Sriratanaviriyakul, N., & Quang, H. L. (2017). Using case method to enrich students' learning outcomes. *Active Learning in Higher Education*, 18(1). <https://doi.org/10.1177%2F1469787417693501>.
- Nkulikiyinka, P., Yan, Y., Güleç, F., Manovic, V., & Clough, P. T. (2020). Prediction of sorption enhanced steam methane reforming products from machine learning based soft-sensor models. *Energy and AI*, 2. <https://doi.org/10.1016/j.egyai.2020.100037>.
- O'Brien, B. A., Chin, S., & Chin, S. (2020). The structure of home literacy environment and its relation to emergent English literacy skills in the multilingual context of Singapore. *Early Childhood Research Quarterly*, 53. <https://doi.org/10.1016/j.ecresq.2020.05.014>.
- Paul, R., & Singh, A. (2020). Does early childhood adversities affect physical, cognitive and language development in indian children? Evidence from a panel study. *SSM - Population Health*, 12(August), 100693. <https://doi.org/10.1016/j.ssmph.2020.100693>.
- Piasta, S. B., Logan, J. A. R., Thomas, L. J. G., Zettler-Greeley, C. M., & Bailet, L. L. (2021). Implementation of a small-group emergent literacy intervention by preschool teachers and community aides. *Early Childhood Research Quarterly*, 54. <https://doi.org/10.1016/j.ecresq.2020.08.002>.
- Polat, Ö., & Aydın, E. (2020). The effect of mind mapping on young children's critical thinking skills. *Thinking Skills and Creativity*, 38. <https://doi.org/10.1016/j.tsc.2020.100743>.
- Purnomo, H., & Wilujeng, I. (2016). Pengembangan Bahan Ajar dan Instrumen Penilaian IPA Tema Indahnya Negeriku Penyempurnaan Buku Guru dan Siswa Kurikulum 2013. *Jurnal Prima Edukasia*, 4(1), 67–68. <https://doi.org/10.21831/jpe.v4i1.7697>.
- Putrayasa, I. M., Syahrudin, & Mergunayasa, I. G. (2014). Pengaruh Model Pembelajaran Discovery Learning Dan Minat Belajar Terhadap Hasil Belajar Ipa Siswa. *Jurnal Mimbar PGSD Universitas Pendidikan Ganesha*, 2(1). <http://dx.doi.org/10.23887/jjsgsd.v2i1.3087>.
- Restyani, N. K. N. (2018). Pengaruh Model Pembelajaran Discovery Inquiry Berbasis Portofolio Terhadap Kompetensi Pengetahuan IPA. *Jurnal Penelitian Dan Pengembangan Pendidikan*, 2(2), 168. <https://doi.org/10.23887/jppp.v2i2.15399>.
- Ristanti, F. F., & Arianto, F. (2019). Flash Card Media Utilization To Improve Student Activity and Learning Outcomes of Fauna Distribution Subtopic in Class Xi Ips I Sma Xin Zhong Surabaya. *Geosfera Indonesia*, 4(2), 90. <https://doi.org/10.19184/geosi.v4i2.9968>.
- Sanjiwana, P. P. C. M., Pudjawan, & Margunayasa, I. G. (2015). Analisis sikap sosial siswa kelas V pada pembelajaran dengan kurikulum 2013. *Mimbar PGSD Universitas Pendidikan Ganesha*, 3(1). <http://dx.doi.org/10.23887/jjsgsd.v3i1.5631>.
- Setyosari, P. H. (2015). *Metode Penelitian Pendidikan & Pengembangan*. Prenadamedia Group.
- Shofiah, Lukito, & Siswono. (2018). Pembelajaran Learning Cycle 5E Berbasis Pengajaran Masalah untuk Meningkatkan Hasil Belajar Siswa Kelas X pada Topik Trigonometri. *Jurnal Matematika Kreatif*, 9(1), 54–62. <https://doi.org/10.15294/kreano.v9i1.9856>.
- Sirait, & Apriyani. (2020). Pengaruh Penggunaan Strategi Pembelajaran Aktif ICM (Index Card Match) Terhadap Hasil Belajar Matematika. *Jurnal Pendidikan Matematika Indonesia*, 5(1), 46–48. <https://dx.doi.org/10.26737/jpmi.v5i1.1710>.
- Solihati, S. (2015). Efektifitas Media Panggung Boneka untuk Meningkatkan Kemampuan Bercerita pada Anak Usia Dini. *Modeling: Jurnal Program Studi PGMI*, 2(2). <https://doi.org/10.2345/modeling.v2i2.2176>.

- Soyadi, Y., & Birgili, B. (2015). Creative and Critical Thinking Skills in Problem-based Learning Environments. *Journal of Gifted Education and Creativity*, 2(2), 71–71. <https://doi.org/10.18200/jgedc.2015214253>.
- Susanti. (2014). Efektivitas Model Pembelajaran Portofolio Dan Model Pembelajaran Kooperatif Think Pair And Share (TPS) Terhadap Prestasi Belajar Matematika Ditinjau Dari Kreativitas Siswa VII SMP Negeri 2 Kebonsari Tahun Ajaran 2011/2012. *Jurnal Ilmiah Pendidikan Matematika*, 2(2), 32–36. <https://doi.org/10.25273/jipm.v2i2.476>.
- Sutrisno, Zar'in, F., & Salehcah, S. (2021). Local Content Curriculum Model for Early Childhood Scientific Learning. *Jurnal Pendidikan Usia Dini*, 15(1). <https://doi.org/10.21009/JPUD.151.05>.
- Suwatra, Magta, & Christiani. (2019). Pengaruh Media Busy Book Terhadap Kemampuan Problem Solving Anak Kelompok A Taman Kanak-Kanak. *Mimbar Ilmu Undiksha*, 24(2), 185–193. <http://dx.doi.org/10.23887/mi.v24i2.21257>.
- Sverdlov, A., Aram, D., & Levin, I. (2014). Kindergarten teachers' literacy beliefs and self-reported practices: On the heels of a new national literacy curriculum. *Teaching and Teacher Education*, 39. <https://doi.org/10.1016/j.tate.2013.12.004>.
- Swanson, H. L., Kong, J. E., & Petcu, S. D. (2019). Individual differences in math problem solving and executive processing among emerging bilingual children. *Journal of Experimental Child Psychology*, 187. <https://doi.org/10.1016/j.jecp.2019.06.006>.
- Swastrini, Antara, P. A., & Tirtayani, L. A. (2016). Penerapan Bermain Ular Tangga Untuk Meningkatkan Kemampuan Kerjasama Kelompok B1 di TK Widya Sesana Sangsit. *Pendidikan Anak Usia Dini*, 4(2). <http://dx.doi.org/10.23887/paud.v4i2.7764>.
- Tham, J. C. K., Burnham, K. D., Hocutt, D. L., & Ranade, N. (2021). Metaphors, Mental Models, and Multiplicity: Understanding Student Perception of Digital Literacy. *Computers and Composition*, 59. <https://doi.org/10.1016/j.compcom.2021.102628>.
- Thoyyibah, N., Hartono, R., & Bharati, D. A. L. (2019). The Implementation of Character Education in the English Teaching Learning Using 2013 Curriculum. *English Education Journal*, 9(2), 254–266. <https://doi.org/10.15294/eej.v9i2.30058>.
- Triana, Garminah, & Suartama. (2016). Penerapan Model Pembelajaran Debat Aktif Untuk Meningkatkan Keterampilan Berbicara Siswa Kelas V SD. *Mimbar PGSD Undiksha*, 4(1). <http://dx.doi.org/10.23887/jjpsgd.v4i1.6938>.
- Utomo, I. A., Ramli, M., & Furaidah, F. (2018). Penerapan Strategi Bermain melalui Media Busy Book untuk Meningkatkan Fisik Motorik Halus Anak Usia Dini. *Jurnal Pendidikan: Teori, Penelitian, Dan Pengembangan*, 3(12). <https://doi.org/10.17977/jptpp.v3i12.12553>.
- Wattana, M. K., Lipe, D. N., Coyne, C. J., Shafer, S., Brock, P., & Alagappan, K. (2021). A Model Oncologic Emergency Medicine Curriculum for Residency Training. *The Journal of Emergency Medicine*, 16. <https://doi.org/10.1016/j.jemermed.2021.02.037>.
- Wiranto, R., & Slameto, S. (2021). Alumni satisfaction in terms of classroom infrastructure, lecturer professionalism, and curriculum. *Heliyon*, 7(6). <https://doi.org/10.1016/j.heliyon.2021.e06679>.
- Wong, K. S. R., & Russak, S. (2020). Hong Kong Cantonese L1 preschool children's name writing in English L2. *Cognitive Development*, 56. <https://doi.org/10.1016/j.cogdev.2020.100957>.
- Wu, S.-C. (Angel), & Chang, Y.-L. (Aldy). (2015). Advancing Kindergarten Teachers' Knowledge and Capabilities of Differentiated Instruction Associated with Implementation of Thematic Integrated Curriculum. *Procedia - Social and Behavioral Sciences*, 177. <https://doi.org/10.1016/j.sbspro.2015.02.404>.
- Wu, W. H., Kao, H. Y., Wu, S. H., & Wei, C. W. (2019). Development and evaluation of affective domain using student's feedback in entrepreneurial Massive Open Online Courses. *Frontiers in Psychology*, 10(MAY). <https://doi.org/10.3389/fpsyg.2019.01109>.
- Wulandari, I. G. A. A. (2020). Implementation of the 2013 Curriculum Based on a Scientific Approach (Case Study at SD Cluster II Kintamani). *International Journal of Elementary Education*, 4(3), 422–430. <https://doi.org/10.23887/ijee.v4i3.28172>.
- Wulandari, P., Abadi, I. B. G., & Suniasih, N. W. (2018). Pengaruh Model Pembelajaran Think Pair Share Berbasis Penilaian Portofolio Terhadap Kompetensi Pengetahuan IPA Siswa Kelas IV SS Negeri Gugus Kapten Kompyang Sujana Denpasar Barat Tahun 2017/2018. *MIMBAR PGSD Undiksha*, 6(3), 161–168. <https://doi.org/10.23887/jjpsgd.v6i3.15772>.