

**PENGEMBANGAN DESAIN PEMBELAJARAN PEDAGOGI KREATIF
BERBASIS TEKNOLOGI DIGITAL DALAM PEMBELAJARAN IPS
UNTUK MENSTIMULASI KEBIASAAN BERPIKIR KREATIF CALON
GURU SEKOLAH DASAR**

DISERTASI

*diajukan untuk memenuhi sebagian syaratuntuk memperoleh
gelar Doktor Pendidikan Dasar*



oleh

Neni Maulidah

NIM 1808729

**PROGRAM STUDI PENDIDIKAN DASAR
SEKOLAH PASCA SARJANA
UNIVERSITAS PENDIDIKAN INDONESIA
2023**

**PENGEMBANGAN DESAIN PEMBELAJARAN PEDAGOGI KREATIF
BERBASIS TEKNOLOGI DIGITAL DALAM PEMBELAJARAN IPS
UNTUK MENSTIMULASI KEBIASAAN BERPIKIR KREATIF
CALON GURU SEKOLAH DASAR**

Promovendus
Neni Maulidah, S.Pd., M.Pd.

UPI Bandung, 2023

Sebuah disertasi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar Doktor (Dr.) pada Program Studi Pendidikan Dasar

© Neni Maulidah 2023
Universitas Pendidikan Indonesia
Agustus 2023

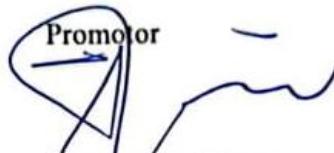
Hak Cipta dilindungi undang-undang.
Disertasi ini tidak boleh diperbanyak seluruhnya atau sebagian,
dengan dicetak ulang, difotokopi, atau cara lainnya tanpa ijin dari penulis.

NENI MAULIDAH

PENGEMBANGAN DESAIN PEMBELAJARAN PEDAGOGI KREATIF
BERBASIS TEKNOLOGI DIGITAL DALAM PEMBELAJARAN IPS
UNTUK MENSTIMULASIKAN KEBIASAAN BERPIKIR KREATIF
CALON GURU SEKOLAH DASAR

disetujui dan disahkan oleh panitia disertasi:

Promotor



Prof. Dr. H. Sapriya, M.Ed.
NIP. 19630820 199803 1 001

Kopromotor



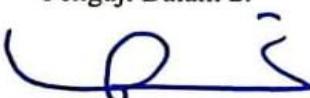
Prof. Dr. Nana Supriatna, M.Ed.
NIP. 19611014 198601 1 001

Penguji Dalam 1:



Prof. Dr. H. Asep Herry Hernawan, M.Pd.
NIP. 19620207 198703 1 001

Penguji Dalam 2:



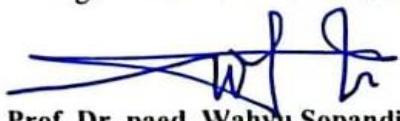
Prof. Dr. H. Mubiar Agustian, M.Pd.
NIP. 19770828 200312 1 002

Penguji Luar:



Prof. Dr. Wuri Wuryandari, S.Pd., M.Pd.
NIP. 19800929 200501 2 003

Mengetahui,
Ketua Program Studi Pendidikan Dasar SPs UPI



Prof. Dr. paed. Wahyu Sopandi, M.A.
NIP. 19660525 199001 1 001

Neni Maulidah, 2023

PENGEMBANGAN DESAIN PEMBELAJARAN PEDAGOGI KREATIF BERBASIS TEKNOLOGI DIGITAL
DALAM PEMBELAJARAN IPS UNTUK MENSTIMULASI KEBIASAAN BERPIKIR KREATIF CALON GURU
SEKOLAH DASAR

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

ABSTRAK

Neni Maulidah (1808729): Pengembangan Desain Pembelajaran Pedagogi Kreatif Berbasis Teknologi Digital dalam Pembelajaran IPS untuk Menstimulasi Kebiasaan Berpikir Kreatif Calon Guru Sekolah Dasar.

Kebiasaan berpikir kreatif seorang guru akan berdampak pada gaya pedagogi baik pada pemilihan pendekatan pembelajaran, penciptaan lingkungan belajar kreatif maupun keberhasilan pencapaian tujuan pembelajaran serta pengembangan kreativitas peserta didik. Sementara itu, praktik pengembangan rancangan pembelajaran yang dilakukan pada pendidikan calon guru cenderung tidak memberikan kesempatan memadai bagi calon guru untuk mengembangkan keterampilan yang melibatkan kreatif-imajinatif peserta didik dalam pembelajaran. Hal tersebut berdampak pada rendahnya kebiasaan berpikir kreatif mahasiswa calon guru. Penelitian ini ditujukan untuk mengembangkan desain pembelajaran pedagogi kreatif berbasis teknologi digital sebagai sebuah pedagogi yang berporos pada pengembangan kreativitas untuk menstimulasikan kebiasaan berpikir kreatif mahasiswa calon guru sekolah dasar. Penelitian dilakukan melalui pendekatan penelitian R&D dengan menggunakan desain pengembangan model ADDIE yang terdiri dari tahapan *analysis, design, develop, implementation* dan *evaluation*. Partisipan merupakan mahasiswa calon guru sekolah dasar yang sedang menempuh mata kuliah pembelajaran IPS SD. Pengumpulan data dilakukan dengan penilaian validasi pakar, validasi praktisi, dan serangkaian uji coba baik perorangan, kelompok kecil maupun uji lapangan yang secara keseluruhan melibatkan 56 mahasiswa calon guru. Evaluasi terhadap efektivitas penggunaan desain pedagogi kreatif berbasis teknologi digital dilakukan dengan melakukan uji statistika deskriptif dan inferensial pada skor-skor hasil tes kebiasaan berpikir kreatif yang meliputi empat aspek penilaian: potensi kreatif, kepribadian kreatif, produk kreatif dan iklim kreatif. Hasil penelitian menunjukkan bahwa profil awal kebiasaan berpikir kreatif mahasiswa calon guru relatif rendah ditandai dengan hasil tes (1) potensi kreatif, (2) kepribadian kreatif (3) produk kreatif berupa gagasan pengembangan pembelajaran IPS SD yang tidak memenuhi iklim kreatif. Setelah dilaksanakan penelitian selama 12 minggu dan dievaluasi serta dilakukan *post-test* menunjukkan bahwa desain pembelajaran pedagogi kreatif berbasis teknologi digital dalam pembelajaran IPS terbukti secara valid, praktis dan efektif dalam menstimulasikan kebiasaan berpikir kreatif mahasiswa calon guru sekolah dasar.

Kata Kunci: Desain pembelajaran, Pedagogi kreatif, Teknologi digital, Pembelajaran IPS, Kebiasaan berpikir kreatif calon guru sekolah dasar

ABSTRACT

Neni Maulidah (1808729): Development Of Creative Pedagogy Learning Design Technological Based on Social Studies Learning to Stimulate Prospective Elementary School Teachers' Creative Habits of Mind.

The teacher's creative habits of mind will have an impact on pedagogical style both in choosing a learning approach, creating a creative learning environment and the success of achieving learning goals and developing student creativity. Meanwhile, the practice of developing learning designs carried out in prospective teacher education tends not to provide adequate opportunities for prospective teachers to develop skills that involve creative-imaginative students in learning. This has an impact on the low creative habits of mind of prospective teacher students. This research is aimed at developing creative pedagogy learning designs based on digital technology as a pedagogy that pivots on the development of creativity to stimulate creative habits of mind.

The research was conducted through an R&D research approach using the ADDIE model development design which consisted of analysis, design, develop, implementation and evaluation stages. Participants are prospective elementary school teacher students who are studying social studies elementary school subjects. Data collection was carried out by assessing expert validation, practitioner validation, and a series of trials both individually, small groups and field tests which in total involved 56 prospective teachers. Evaluation of the effectiveness of using digital technology-based creative pedagogy designs is carried out by conducting descriptive and inferential statistical tests on the scores of the creative thinking habits test which cover four aspects of assessment: creative potential, creative personality, creative product and creative climate. The results showed that the initial profile of creative thinking habits of prospective teacher students was relatively low, marked by test results of (1) creative potential, (2) creative personality (3) creative products in the form of ideas for developing social studies in elementary schools that did not meet the creative climate. After conducting research for 12 weeks and evaluating and conducting post-tests, it was shown that creative pedagogy learning designs based on digital technology in social studies learning were proven valid, practical and effective in stimulating the prospective teachers' creative habits of mind.

Keywords: Learning design, Creative pedagogy, Digital technology, Social studies learning, Prospective elementary school teachers' creative habits of mind

DAFTAR ISI

	Halaman
HALAMAN JUDUL.....	i
HALAMAN PENGESAHAN	ii
HALAMAN PERNYATAAN KEASLIAN DISERTASI	iii
HALAMAN UCAPAN TERIMA KASIH	iv
ABSTRAK	vi
KATA PENGANTAR	viii
DAFTAR ISI	ix
DAFTAR TABEL	xii
DAFTAR GAMBAR	xvi
DAFTAR LAMPIRAN	xix
BAB I PENDAHULUAN	1
1.1 Latar Belakang Penelitian.....	1
1.2 Rumusan Masalah	15
1.3 Tujuan Penelitian	17
1.4 Manfaat Penelitian.....	17
1.5 Struktur Organisasi Penulisan	20
BAB II KAJIAN PUSTAKA	21
2.1 Konsep Desain Pembelajaran Pedagogi Kreatif.....	21
2.1.1 Konsep Desain Pembelajaran	21
2.1.1.1 Hakikat Desain Pembelajaran.....	21
2.1.1.2 Karakteristik, Prinsip dan Komponen Desain Pembelajaran	23
2.1.2 Konsep Pedagogi Kreatif.....	24
2.1.2.1 Pengertian Pedagogi Kreatif	24
2.1.2.2 Pedagogi Kreatif sebagai sebuah Desain Pembelajaran.....	37
2.1.2.3 Unsur Pedagogi Kreatif	38
2.1.2.4 Karakteristik Pedagogi Kreatif	41

2.2	Konsep Teknologi Digital	54
2.3	Konsep Kebiasaan Berpikir Kreatif.....	75
2.3.1	Pengertian Berpikir Kreatif.....	76
2.3.2	Aspek Kreativitas dan Faktor yang Mempengaruhi Kreativitas.....	81
2.3.3	Pengukuran Kreativitas dan Kebiasaan Berpikir Kreatif	87
2.3.4	Kebiasaan Berpikir Kreatif	92
2.3.5	Karakteristik Individu (Guru dan Calon Guru) dengan Kebiasaan Berpikir Kreatif	99
2.4	Karakteristik Pembelajaran IPS di Sekolah Dasar	102
2.5	Kajian Filosofis Pengembangan Pedagogi Kreatif Berbasis Teknologi Digital untuk Menstimulasi Kebiasaan Berpikir Kreatif Mahasiswa Calon Guru Sekolah Dasar.....	107
2.6	Peneltian Terdahulu yang Relevan	114
BAB III	METODE PENELITIAN	129
3.1	Desain Penelitian	129
3.2	Partisipan dan Tempat Penelitian	133
3.3	Populasi dan Sampel	134
3.4	Instrumen Penelitian	135
3.4.1	Validasi Instrumen.....	137
3.4.2	Kisi-kisi Instrumen	141
3.5	Prosedur Penelitian.....	151
3.6	Teknik Pengumpulan Data	160
3.7	Teknik Analisis Data	166
3.8	Definisi Operasional.....	176
BAB IV	TEMUAN DAN PEMBAHASAN	183
4.1	Hasil Penelitian.....	183
4.1.1	Profil kebiasaan berpikir kreatif mahasiswa calon guru sekolah dasar dalam pengembangan pembelajaran IPS SD.....	183

4.1.2 Profil kebutuhan mahasiswa calon guru sekolah dasar untuk menstimulasikan kebiasaan berpikir kreatif dalam mengembangkan pembelajaran IPS SD	202
4.1.3 Desain ringkas desain pembelajaran pedagogi kreatif berbasis teknologi digital dalam pembelajaran IPS SD untuk menstimulasikan kebiasaan berpikir kreatif.....	215
4.1.4 Hasil pengembangan desain melalui validasi ahli	230
4.1.5 Hasil implementasi desain melalui uji coba.....	244
4.1.6 Hasil evaluasi desain melalui uji efektivitas	283
4.2 Pembahasan	290
4.3 Kebaruan/Novelti dari Penelitian	323
4.4 Luaran Penelitian.....	325
4.5 Keterbatasan Penelitian	325
BAB V SIMPULAN, IMPLIKASI, DAN REKOMENDASI.....	328
5.1 Simpulan.....	328
5.2 Implikasi	332
5.3 Rekomendasi	333
DAFTAR PUSTAKA	336
LAMPIRAN	354
RIWAYAT HIDUP PENULIS	477

DAFTAR PUSTAKA

- Abdulla, A. M., & Cramond, B. (2017). After six decades of systematic study of creativity: What do teachers need to know about what it is and how it is measured? *Roeper Review*, 39(1), 9–23.
- Acar, S., & Runco, M. A. (2015). Thinking in multiple directions: Hyperspace categories in divergent thinking. *Psychology of Aesthetics, Creativity, and the Arts*, 9(1), 41.
- Agaoglu, O., & DemIr, M. (2020). The integration of 21st century skills into education: an evaluation based on an activity example. *Journal of Gifted Education and Creativity*, 7(3), 105–114.
- Akar, I., & Coskun, B. K. (2020). Exploring the relationship between creativity and cyberloafing of prospective teachers. *Thinking Skills and Creativity*, 38, 100724.
- Akcanca, N., & Ozsevgec, L. C. (2018). Effect of activities prepared by different teaching techniques on scientific creativity levels of prospective pre-school teachers. *European Journal of Educational Research*, 7(1), 71–86.
- Al-Dababneh, K. A., & Al-Zboon, E. K. (2017). Can Teachers' Self-Reported Characteristics and Beliefs about Creativity Predict Their Perception of Their Creativity Practices in the Classroom. *International Journal of Special Education*, 32(4), 723–745.
- Al-Dababneh, K. A., Al-Zboon, E. K., & Ahmad, J. (2019). The creative environment: teachers' perceptions, self-efficacy, and teaching experience for fostering children's creativity. *Early Child Development and Care*, 189(10), 1620–1637.
- Allard, M. (2018). *Discovering the Self that Teaches: Multimedia Reflective Journaling and the Education Stories of Beginning Preservice Teachers*. University of Nevada, Las Vegas.
- Araiku, J., Pratiwi, W. D., & others. (2020). Ethnomathematics: Utilizing South Sumatra's cultures to emphasize prospective teachers' creativity in creating mathematical problem. *Journal of Physics: Conference Series*, 1581(1), 12032.
- Arikunto, S. (1999). *Prosedur Penelitian Suatu Pendekatan Praktek*. Jakarta: Rineka Cipta.
- Aringga, D., Shodiqin, A., & Albab, I. U. (2019). Penelusuran kebiasaan berpikir (habits of mind) matematis siswa dalam menyelesaikan soal cerita bilangan pecahan ditinjau dari gaya kognitif. *Thinking Skills and Creativity Journal*, 2(2), 121–129.
- Ayyildiz, P., & Yilmaz, A. (2021). 'Moving the Kaleidoscope' to see the effect of creative personality traits on creative thinking dispositions of preservice

- teachers: The mediating effect of creative learning environments and teachers' creativity fostering behavior. *Thinking Skills and Creativity*, 41, 100879.
- Barajas, M., & Frossard, F. (2018). Mapping creative pedagogies in open wiki learning environments. *Education and Information Technologies*, 23, 1403–1419.
- Barajas, M., Frossard, F., & Trifonova, A. (2018). Strategies for digital creative pedagogies in today's education. *Active Learning-Beyond the Future*, 2–14.
- Barbot, B. (2018). “Generic” Creativity as a Predictor or Outcome of Identity Development? *Creativity. Theories--Research-Applications*, 5(2), 159–164.
- Barbot, B., Lubart, T. I., & Besançon, M. (2016). “Peaks, slumps, and bumps”: Individual differences in the development of creativity in children and adolescents. *New Directions for Child and Adolescent Development*, 2016(151), 33–45.
- Bauml, M. (2015). The Journal of Social Studies Research Is it cute or does it count? Learning to teach for meaningful social studies in elementary grades. *The Journal of Social Studies Research*, 1–15. <https://doi.org/10.1016/j.jssr.2015.02.001>
- Bauml, M. (2016). Is it cute or does it count? Learning to teach for meaningful social studies in elementary grades. *The Journal of Social Studies Research*, 40(1), 55–69.
- Beaty, R. E., Kenett, Y. N., Christensen, A. P., Rosenberg, M. D., Benedek, M., Chen, Q., Fink, A., Qiu, J., Kwapił, T. R., Kane, M. J., & others. (2018). Robust prediction of individual creative ability from brain functional connectivity. *Proceedings of the National Academy of Sciences*, 115(5), 1087–1092.
- Beghetto, R. A. (2007). Does creativity have a place in classroom discussions? Prospective teachers' response preferences. *Thinking Skills and Creativity*, 2(1), 1–9.
- Beghetto, R. A. (2010). Creativity in the classroom. *The Cambridge Handbook of Creativity*, 447–463.
- Beghetto, R. A. (2017). *Creativity in teaching*.
- Beghetto, R. A., & Kaufman, J. C. (2010). *Nurturing creativity in the classroom*. Cambridge University Press.
- Benedek, M., Nordtvedt, N., Jauk, E., Koschmieder, C., Pretsch, J., Krammer, G., & Neubauer, A. C. (2016). Assessment of creativity evaluation skills: A psychometric investigation in prospective teachers. *Thinking Skills and Creativity*, 21, 75–84.
- Bramwell, G., Reilly, R. C., Lilly, F. R., Kronish, N., & Chennabathni, R. (2011). Creative teachers. *Roepers Review*, 33(4), 228–238.

- Branch, R. M. (2009). *Instructional design: The ADDIE approach* (Vol. 722). Springer.
- Brenner, W., Uebernickel, F., & Abrell, T. (2016). Design thinking as mindset, process, and toolbox: Experiences from research and teaching at the University of St. Gallen. *Design Thinking for Innovation: Research and Practice*, 3–21.
- Cambridge. (2017). *Digital technologies in the classroom*. Cambridge International Examinations. www.cambridgeinternational.org/pdq
- Care, E., Griffin, P., & McGaw, B. (2012). *Assessment and teaching of 21st century skills*. Springer.
- Carrington, A. (2015). The padagogy wheel V4. 1. Retrieved on July, 31, 2016.
- Carrington, Allan. (2013). The Padagogy Wheel. *Support of Excellence*.
- Carrington, Allan. (2016). Professional development: The padagogy wheel: It is not about the apps, it is about the pedagogy. *Education Technology Solutions*, 72, 54–57.
- Chan, J. (2013). Researching creativity and creativity research. In *Handbook of research on creativity* (pp. 21–32). Edward Elgar Publishing.
- Chappell, K., Craft, A., Burnard, P., & Cremin, T. (2008). Question-posing and question-responding: The heart of ‘possibility thinking’ in the early years. *Early Years*, 28(3), 267–286.
- Cheung, L., & others. (2016). Using the ADDIE model of instructional design to teach chest radiograph interpretation. *Journal of Biomedical Education*, 2016, 1–6.
- Cheung, R. H. P. (2012). Teaching for creativity: Examining the beliefs of early childhood teachers and their influence on teaching practices. *Australasian Journal of Early Childhood*, 37(3), 43–52.
- Cheung, R. H. P. (2013). Exploring the use of the pedagogical framework for creative practice in preschool settings: A phenomenological approach. *Thinking Skills and Creativity*, 10, 133–142.
- Cheung, R. H. P. (2016). The challenge of developing creativity in a Chinese context: the effectiveness of adapting Western creative pedagogy to inform creative practice. *Pedagogy, Culture & Society*, 24(1), 141–160.
- Cheung, S. K., Fong, R. W., Leung, S. K. Y., & Ling, E. K. (2019). The roles of Hong Kong preservice early childhood teachers’ creativity and zest in their self-efficacy in creating child-centered learning environments. *Early Education and Development*, 30(6), 788–799.
- Cigerci, F. M. (2020). Primary School Teacher Candidates and 21st Century Skills. *International Journal of Progressive Education*, 16(2), 157–174.
- Clark-Wilson, A., Robutti, O., & Thomas, M. (2020). Teaching with digital Neni Maulidah, 2023
PENGEMBANGAN DESAIN PEMBELAJARAN PEDAGOGI KREATIF BERBASIS TEKNOLOGI DIGITAL DALAM PEMBELAJARAN IPS UNTUK MENstimulasi KEBIASAAN BERPIKIR KREATIF CALON GURU SEKOLAH DASAR
Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- technology. *Zdm*, 1–20.
- Claxton, G. (2006). Thinking at the edge: developing soft creativity. *Cambridge Journal of Education*, 36(3), 351–362.
- Claxton, G. (2012). Cultivating positive learning dispositions. *Educational Theories, Cultures and Learning*, 177–187.
- Connery, M. C., John-Steiner, V., & Marjanovic-Shane, A. (2010). *Vygotsky and creativity: A cultural-historical approach to play, meaning making, and the arts* (Vol. 5). Peter Lang.
- Corcoran, K., & Sim, C. (2009). Pedagogical reasoning, creativity and cooperative learning in the visual art classroom. *International Journal of Education through Art*, 5(1), 51–61.
- Costa, A. L. (1985). *Developing minds: A resource book for teaching thinking*. ERIC.
- Costa, A. L., & Kallick, B. (2000). Describing 16 habits of mind. *Habits of Mind: A Developmental Series*. Alexandria, VA.
- Costa, A. L., & Kallick, B. (2008). *Learning and leading with habits of mind: 16 essential characteristics for success*. ASCD.
- Craft, A. (2005). *Creativity in schools: Tensions and dilemmas*. Psychology Press.
- Craft, A., Cremin, T., Hay, P., & Clack, J. (2014). Creative primary schools: developing and maintaining pedagogy for creativity. *Ethnography and Education*, 9(1), 16–34.
- Craft, A., Hall, E., & Costello, R. (2014). Passion: Engine of creative teaching in an English university? *Thinking Skills and Creativity*, 13, 91–105.
- Craft, A., McConnon, L., & Matthews, A. (2012). Child-initiated play and professional creativity: Enabling four-year-olds' possibility thinking. *Thinking Skills and Creativity*, 7(1), 48–61.
- Craig, C. J., & Deretchin, L. F. (2011). *Cultivating Curious and Creative Minds: The Role of Teachers and Teacher Educators, Part II*.
- Cremin, Teresa & Chappell, K. (2021). Creative pedagogies: A systematic review. *Research Papers in Education*, 36(3), 299–331.
- Cremin, T. (2016). *Introduction--Creativity and creative pedagogies: Exploring challenges, possibilities and potential*. Routledge.
- Cremin, T., Burnard, P., & Craft, A. (2006). Pedagogy and possibility thinking in the early years. *Thinking Skills and Creativity*, 1(2), 108–119.
- Cremin, T., & Chappell, K. (2021). Creative pedagogies: A systematic review. *Research Papers in Education*, 36(3), 299–331.
- Cremin, T., Glauert, E., Craft, A., Compton, A., & Stylianidou, F. (2015). Creative little scientists: Exploring pedagogical synergies between inquiry-

- based and creative approaches in early years science. *Education 3-13*, 43(4), 404–419.
- Cropley, A. (2015). *Creativity in education and learning: A guide for teachers and educators*. Routledge.
- Cropley, A. J. (1972). A five-year longitudinal study of the validity of creativity tests. *Developmental Psychology*, 6(1), 119.
- Cropley, D. H., Kaufman, J. C., & Cropley, A. J. (2011). Measuring creativity for innovation management. *Journal of Technology Management & Innovation*, 6(3), 13–30.
- Cuenca, A., Castro, A. J., Benton, B., Hostetler, A., Heafner, T., & Thacker, E. (2018). National Council for the Social Studies (NCSS) National Standards for the Preparation of Social Studies Teachers. *National Council for the Social Studies*.
- Dababneh, K., Ihmeideh, F. M., & Al-Omari, A. A. (2010). Promoting kindergarten children's creativity in the classroom environment in Jordan. *Early Child Development and Care*, 180(9), 1165–1184.
- Dacey, J. S., & Lennon, K. H. (1998). *Understanding creativity: The interplay of biological, psychological, and social factors*. Jossey-Bass.
- de Souza Fleith, D. (2000). Teacher and student perceptions of creativity in the classroom environment. *Roeper Review*, 22(3), 148–153.
- Dezuanni, M., & Jetnikoff, A. (2011). Creative pedagogies and the contemporary school classroom. *The Routledge International Handbook of Creative Learning*, 264–271.
- Dick, W., Carey, L., & Carey, J. (1996). *The Systematic Design of Instruction. Fouth Edition*. New York: Harper Collin College Publisher.
- Dick, W., Carey, L., & Carey, J. O. (2015). *The Systematic Design of Instruction Eight Edition*. The United States of America: Pearson.
- Dineen, R., & Niu, W. (2008). The effectiveness of western creative teaching methods in China: An action research project. *Psychology of Aesthetics, Creativity, and the Arts*, 2(1), 42.
- Egan, K. (2011). Some Neglected Components of Teacher Education Programs. *Cultivating Curious and Creative Minds: The Role of Teachers and Teacher Educators, Part II*, 5.
- Ekvall, G. (1996). Organizational climate for creativity and innovation. *European Journal of Work and Organizational Psychology*, 5(1), 105–123.
- Elton-Chalcraft, S., & Mills, K. (2015). Measuring challenge, fun and sterility on a ‘phunometre’ scale: evaluating creative teaching and learning with children and their student teachers in the primary school. *Education 3-13*, 43(5), 482–497.

- Erdin, Y., & et.al. (2020). Wan Ng, New Digital Technology in Education Conceptualizing Professional Learning for Educators. *Journal of Foreign Language Education and Technology*, 5(1), 186–194.
- Erol, H. (2021). Reflections on the 21st century skills into the curriculum of social studies course. *International Journal of Education and Literacy Studies*, 9(2), 90–101.
- Feist, G. J. (2010). *The function of personality in creativity: The nature and nurture of the creative personality*.
- Fogarty, R. (1991). Ten ways to integrate curriculum. *Educational Leadership*, 49(2), 61–65.
- Fogarty, R. J., & Pete, B. M. (2009). *How to integrate the curricula*. Corwin Press.
- Forum, W. E. (2016). The future of jobs: Employment, skills and workforce strategy for the fourth industrial revolution. In *Global Challenge Insight Report*. World Economic Forum Geneva.
- Frossard, F., Trifonova, A., & Barajas, M. (2015). Teachers designing learning games: impact on creativity. In *Video games and creativity* (pp. 159–183). Elsevier.
- Gagne, R. M., Wager, W. W., Golas, K. C., Keller, J. M., & Russell, J. D. (2005). *Principles of instructional design*. Wiley Online Library.
- Gajda, A., Beghetto, R. A., & Karwowski, M. (2017). Exploring creative learning in the classroom: A multi-method approach. *Thinking Skills and Creativity*, 24, 250–267.
- Gall, M. D., Gall, J. P., & Borg, W. R. (2015). *Applying educational research: How to read, do, and use research to solve problems of practice*, 7th edition. Pearson Higher Ed.
- Galton, M. (2015). ‘It’s a real journey--a life changing experience.’A comparison case study of Creative Partnership and other primary schools. *Education 3-13*, 43(4), 433–444.
- Gardiner, P. (2017). Rethinking feedback: Playwriting pedagogy as teaching and learning for creativity. *Teaching and Teacher Education*, 65, 117–126.
- Gardiner, P., & Anderson, M. (2018). Structured creative processes in learning playwriting: invoking imaginative pedagogies. *Cambridge Journal of Education*, 48(2), 177–196.
- Glăveanu, V. P., Sierra, Z., & Tanggaard, L. (2015). Widening our understanding of creative pedagogy: A North--South dialogue. *Education 3-13*, 43(4), 360–370.
- Griffin, P., Care, E., & McGaw, B. (2012). The changing role of education and schools. *Assessment and Teaching of 21st Century Skills*, 1–15.

- Guilford, Joan P. (1973). *Characteristics of Creativity*.
- Guilford, Joy P. (1957). Creative abilities in the arts. *Psychological Review*, 64(2), 110.
- Guilford, Joy P. (1967). Creativity: Yesterday, today and tomorrow. *The Journal of Creative Behavior*, 1(1), 3–14.
- Guilford, Joy Paul. (1950). Creativity. *American Psychologist*, 5(9), 444.
- Guilford, Joy Paul. (1968). *Intelligence, creativity, and their educational implications*. Edits Pub.
- Guilford, Joy Paul, Christensen, P. R., Merrifield, P. R., & Wilson, R. C. (1978). *Alternate uses*.
- Guilford, Joy Peter. (2017). Creativity: A quarter century of progress. In *Perspectives in creativity* (pp. 37–59). Routledge.
- Gunawan, G., Harjono, A., Sahidu, H., & Herayanti, L. (2017). Virtual laboratory of electricity concept to improve prospective physics teachers creativity. *Jurnal Pendidikan Fisika Indonesia*, 13(2), 102–111.
- Gunawan, G., Harjono, A., Sahidu, H., Herayanti, L., Suranti, N. M. Y., & Yahya, F. (2019). Using virtual laboratory to improve pre-service physics teachers' creativity and problem-solving skills on thermodynamics concept. *Journal of Physics: Conference Series*, 1280, 52038.
- Gustafson, K. L., & Branch, R. M. (1997). Revisioning models of instructional development. *Educational Technology Research and Development*, 45(3), 73–89.
- Gustafson, K. L., & Branch, R. M. (2002). What is instructional design. *Trends and Issues in Instructional Design and Technology*, 2, 10–16.
- Hake, R. R. (1998). Interactive-engagement versus traditional methods: A six-thousand-student survey of mechanics test data for introductory physics courses. *American Journal of Physics*, 66(1), 64–74.
- Hallman, R. J. (1967). Creativity and educational philosophy. *Educational Theory*, 17(1), 3–13.
- Harris, A. (2016). Creativity, education and the arts. London, UK: Palgrave Macmillan. Doi, 10, 971–978.
- Harris, A. (2017). Creative ecologies: Fostering creativity in secondary schools. *Australian Research Council*.
- Harris, A., & De Bruin, L. (2018). An international study of creative pedagogies in practice in secondary schools: Toward a creative ecology. *Journal of Curriculum and Pedagogy*, 15(2), 215–235.
- Harris, A., & Lemon, A. (2012). Bodies that shatter: Creativity, culture and the new pedagogical imaginary. *Pedagogy, Culture & Society*, 20(3), 413–433.

- Harris, A. M. (2014). *The creative turn: Toward a new aesthetic imaginary* (Vol. 6). Springer Science & Business.
- Harris, L. M. (2014). Making connections for themselves and their students: Examining teachers' organization of world history. *Theory & Research in Social Education*, 42(3), 336–374.
- Hassoubah, Z. I. (2008). *Mengasah pikiran kreatif dan kritis*. Bandung: Nuansa.
- Hayes, J. R. (1990). *Cognitive Processes in Creativity*. Occasional Paper No. 18.
- Hennessey, B. A. (2010). *The creativity—motivation connection*.
- Hennessey, B. A. (2017). Taking a systems view of creativity: On the right path toward understanding. *The Journal of Creative Behavior*, 51(4), 341–344.
- Hennessey, B. A. (2019). *Motivation and creativity*.
- Henriksen, D., & Mishra, P. (2015). We teach who we are: Creativity in the lives and practices of accomplished teachers. *Teachers College Record*, 117(7), 1–46.
- Hideyati, M., & Senen, A. (2008). Pengembangan Pendidikan IPS SD. Jakarta: Direktorat Jenderal Pendidikan Tinggi Departemen Pendidikan Nasional.
- Higgins, S., Xiao, Z., & Katsipataki, M. (2012). The Impact of Digital Technology on Learning: A Summary for the Education Endowment Foundation. Full Report. *Education Endowment Foundation*.
- Howells, K. (2018). *The future of education and skills: education 2030: the future we want*.
- Hui, A. N. N., Chow, B. W. Y., Chan, A. Y. T., Chui, B. H. T., & Sam, C. T. (2015). Creativity in Hong Kong classrooms: Transition from a seriously formal pedagogy to informally playful learning. *Education 3-13*, 43(4), 393–403.
- Hurlock, E. B. (1991). Psikologi perkembangan anak. In *Jakarta: Erlangga*.
- Jeffrey, B., & Craft, A. (2004). Teaching creatively and teaching for creativity: distinctions and relationships. *Educational Studies*, 30(1), 77–87.
- Jindal-Snape, D., Davies, D., Collier, C., Howe, A., Digby, R., & Hay, P. (2013). The impact of creative learning environments on learners: A systematic literature review. *Improving Schools*, 16(1), 21–31.
- Johnson, E. B. (2014). CTL Contextual Teaching & Learning. In *Bandung: Kaifa*.
- Joubert, M. M. (2001). The art of creative teaching: NACCCE and beyond. *Creativity in Education*, 17–34.
- Kampylis, P., Berki, E., & Saariluoma, P. (2009). In-service and prospective teachers' conceptions of creativity. *Thinking Skills and Creativity*, 4(1), 15–29.

- Kampylis, P., Saariluoma, P., & Berki, E. (2011). Fostering creative thinking—what do primary teachers recommend? *Hellenic Journal of Music, Education and Culture*, 2(1).
- Kapoor, R. (2020). Technology, jobs and inequality: Evidence from India's manufacturing sector. *Accelerators of India's Growth—Industry, Trade and Employment: Festschrift in Honor of Bishwanath Goldar*, 301–321.
- Kaufman, J. C., & Sternberg, R. J. (2006). *The international handbook of creativity*. Cambridge University Press.
- Kaufman, J. C., Plucker, J. A., & Baer, J. (2008). *Essentials of creativity assessment*. John Wiley & Sons.
- Kaufman, J. C., & Glaveanu, V. P. (2019). *A review of creativity theories: What questions are we trying to answer?*
- Kautz, T., Heckman, J. J., Diris, R., Ter Weel, B., & Borghans, L. (2014). *Fostering and measuring skills: Improving cognitive and non-cognitive skills to promote lifetime success*.
- Kettler, T., Lamb, K. N., Willerson, A., & Mullet, D. R. (2018). Teachers' perceptions of creativity in the classroom. *Creativity Research Journal*, 30(2), 164–171.
- Khodabakhshzadeh, H., Hosseinnia, M., Moghadam, H. A., & Ahmadi, F. (2018). EFL Teachers' Creativity and Their Teaching's Effectiveness: A Structural Equation Modelling Approach. *International Journal of Instruction*, 11(1), 227–238.
- Kivunja, C. (2014). Innovative pedagogies in higher education to become effective teachers of 21st century skills: Unpacking the learning and innovations skills domain of the new learning paradigm. *International Journal of Higher Education*, 3(4), 37–48.
- Kivunja, C. (2015a). Creative engagement of digital learners with Gardner's bodily-kinesthetic intelligence to enhance their critical thinking. *Creative Education*, 6(06), 612.
- Kivunja, C. (2015b). Exploring the pedagogical meaning and implications of the "4Cs" super skills" for the 21st century through Bruner's 5E lenses of knowledge construction to improve pedagogies of the new learning paradigm. *Creative Education*.
- Kivunja, C. (2015c). Teaching students to learn and to work well with 21st century skills: Unpacking the career and life skills domain of the new learning paradigm. *International Journal of Higher Education*, 4(1), 1–11.
- Kivunja, C. (2015d). Unpacking the Information, Media, and Technology Skills Domain of the New Learning Paradigm. *International Journal of Higher Education*, 4(1), 166–181.
- Lasky, D., & Yoon, S. A. (2011). Making Space for the Act of Making: Creativity

- in the Engineering Design Classroom. *Science Educator*, 20(1), 34–43.
- Lee, I. R., & Kemple, K. (2014). Preservice teachers' personality traits and engagement in creative activities as predictors of their support for children's creativity. *Creativity Research Journal*, 26(1), 82–94.
- Lilly, F. R., & Bramwell-Rejskind, G. (2004). The dynamics of creative teaching. *The Journal of Creative Behavior*, 38(2), 102–124.
- Lin, Y. (2010). Drama and possibility thinking--Taiwanese pupils' perspectives regarding creative pedagogy in drama. *Thinking Skills and Creativity*, 5(3), 108–119.
- Lin, Y. (2014). A third space for dialogues on creative pedagogy: Where hybridity becomes possible. *Thinking Skills and Creativity*, 13, 43–56.
- Lin, Y. S. (2011). Fostering creativity through education--a conceptual framework of creative pedagogy. *Creative Education*, 2(03), 149.
- Lindqvist, G. (2003). Vygotsky's theory of creativity. *Creativity Research Journal*, 15(2–3), 245–251.
- Liu, S.-C., & Lin, H. (2014). Primary teachers' beliefs about scientific creativity in the classroom context. *International Journal of Science Education*, 36(10), 1551–1567.
- Long, H., & Plucker, J. A. (2015). Assessing creative thinking: Practical applications. *The Routledge International Handbook of Research on Teaching Thinking*, 315–329.
- Lucas, B. (2001). Creative teaching, teaching creativity and creative learning. *Creativity in Education*, 35–44.
- Lucas, B. (2016). A five-dimensional model of creativity and its assessment in schools. *Applied Measurement in Education*, 29(4), 278–290.
- Lucas, B. (2019). Teaching and assessing creativity in schools in England. *Impact Journal*, 7(1), 5–8.
- Lucas, B., Claxton, G., & Spencer, E. (2013). *Progression in student creativity in school: First steps towards new forms of formative assessments*.
- Lucas, B., & Spencer, E. (2017). *Teaching Creative Thinking: Developing learners who generate ideas and can think critically (Pedagogy for a Changing World series)*. Crown House Publishing Ltd.
- Lucas, W., & Spencer, E. (2018). Teaching Creatively and for Creativity: An overview. *Eton Journal for Innovation and Research in Education*, 1, 19–22.
- Mansfield, R. S., & Busse, T. V. (1981). *The psychology of creativity and discovery: Scientists and their work*. Burnham Incorporated Pub.
- Marzano, R. J. (1992). *A different kind of classroom: Teaching with dimensions of learning*. ERIC.

- Maulidah, N., & Amelia, D. (2022). Kebiasaan Berpikir Kreatif Mahasiswa Calon Guru Sekolah Dasar Ditinjau dari Indeks Prestasi Kumulatif. *Jurnal Elementaria Edukasia*.
- McCammon, L. A., O'Farrell, L., Sæbø, A. B., & Heap, B. (2010). Connecting with their inner beings: An international survey of drama/theatre teachers' perceptions of creative teaching and teaching for creative achievement. *Youth Theatre Journal*, 24(2), 140–159.
- Morrison, G. R., Ross, S. J., Morrison, J. R., & Kalman, H. K. (2019). *Designing effective instruction*. John Wiley & Sons.
- Mulyatiningsih, E. (2012). Metodologi Penelitian Terapan. Yogyakarta: Alfabeta.
- Munandar, S. C. U. (1977). *Creativity and education: a study of the relationships between measures of creative thinking and a number of educational variables in Indonesian primary and junior secondary schools*. Universitas Indonesia.
- Munandar, U. (1977). Creativity and education. *Disertasi Doktor UI Jakarta: Universitas Indonesia*.
- Munandar, U. (2012). Pengembangan kreativitas pada anak berbakat. In *Jakarta: PT. Rineka Cipta*.
- NACCCE. (1999). *All our futures: Creativity, culture & education*. Department for Education and Employment.
- Nashiroh, P. K., Ekarini, F., & Ristanto, R. D. (2020). Efektivitas Penerapan Model Pembelajaran Kooperatif Tipe Jigsaw Berbantuan Mind Map terhadap Kemampuan Pedagogik Mahasiswa Mata Kuliah Pengembangan Program Diklat. *Jurnal Pendidikan Teknologi Dan Kejuruan*, 17(1), 43–52.
- Ng, W. (2015). New digital technology in education. *Switzerland: Springer*.
- Nurbaeti, I. (2021). *PENINGKATAN PERILAKU HIJAU MELALUI PEDAGOGI KREATIF Penelitian Tindakan Kelas Dalam Materi Pemanfaatan Sumber Daya Energi di Kelas III SD Binekas*. Universitas Pendidikan Indonesia.
- O'Quin, K., & Besemer, S. P. (2006). Using the creative product semantic scale as a metric for results-oriented business. *Creativity and Innovation Management*, 15(1), 34–44.
- P21. (2009). *P21 Framework Definitions*. <https://doi.org/ERIC> Number ED519462
- P21. (2019). *Framework For 21st Century Learning Definitions*. http://static.battelleforkids.org/documents/p21/P21_Framework_Definitions_BFK.pdf
- Parnes, S. J., & Brunelle, E. A. (1967). The literature of creativity (part I). *The Journal of Creative Behavior*, 1(1), 52–109.
- Pentury, H. J., & Anggraeni, A. D. (2022). E-LITERASI DALAM Neni Maulidah, 2023
PENGEMBANGAN DESAIN PEMBELAJARAN PEDAGOGI KREATIF BERBASIS TEKNOLOGI DIGITAL DALAM PEMBELAJARAN IPS UNTUK MENstimulasi KEBIASAAN BERPIKIR KREATIF CALON GURU SEKOLAH DASAR
Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- MENGEMBANGKAN PEDAGOGI KREATIF GURU PAUD. *Research and Development Journal of Education*, 8(1), 58–64.
- Piirto, J. (2011). *Creativity for 21st century skills*. Springer Science & Business Media.
- Plucker, J. A., Beghetto, R. A., & Dow, G. T. (2004). Why isn't creativity more important to educational psychologists? Potentials, pitfalls, and future directions in creativity research. *Educational Psychologist*, 39(2), 83–96.
- Pringle, A., & Sowden, P. T. (2017). The Mode Shifting Index (MSI): A new measure of the creative thinking skill of shifting between associative and analytic thinking. *Thinking Skills and Creativity*, 23, 17–28.
- Ragan, T. J., & Smith, P. L. (1999). *Instructional design*. New York: Macmillan Publishing Company.
- Rhodes, M. (1961). An analysis of creativity. *The Phi Delta Kappan*, 42(7), 305–310.
- Robinson, K. (2006). *Do schools kill creativity*.
- Robinson, K., & Aronica, L. (2015). *Creative schools: Revolutionizing education from the ground up*. Penguin UK.
- Robinson, K., & Aronica, L. (2016). *Creative schools: The grassroots revolution that's transforming education*. Penguin books.
- Runco, M. A. (1993). Divergent thinking, creativity, and giftedness. *Gifted Child Quarterly*, 37(1), 16–22.
- Runco, M. A., & Beghetto, R. A. (2019). Primary and secondary creativity. *Current Opinion in Behavioral Sciences*, 27, 7–10.
- Runco, M. A., & Chand, I. (1995). Cognition and creativity. *Educational Psychology Review*, 243–267.
- Runco, M. A., & Jaeger, G. J. (2012). The standard definition of creativity. *Creativity Research Journal*, 24(1), 92–96.
- Runco, M. A., Plucker, J. A., & Lim, W. (2001). Development and psychometric integrity of a measure of ideational behavior. *Creativity Research Journal*, 13(3–4), 393–400.
- Runco, M. A., & Pritzker, S. R. (2020). *Encyclopedia of creativity*. Academic press.
- Runco, M. A., Walczyk, J. J., Acar, S., Cowger, E. L., Simundson, M., & Tripp, S. (2014). The incremental validity of a short form of the ideational behavior scale and usefulness of distractor, contraindicative, and lie scales. *The Journal of Creative Behavior*, 48(3), 185–197.
- Sadulloh, U. (2011). *Pedagogik: Ilmu Mendidik*. Alfabeta.
- Sagan, O., Yakovleva, S., Anisimova, E. E., Balokha, A., & Yeremenko, H. Neni Maulidah, 2023
- PENGEMBANGAN DESAIN PEMBELAJARAN PEDAGOGI KREATIF BERBASIS TEKNOLOGI DIGITAL DALAM PEMBELAJARAN IPS UNTUK MENstimulasi KEBIASAAN BERPIKIR KREATIF CALON GURU SEKOLAH DASAR**
- Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- (2020). *Digital didactics as a new model in the theory of education*.
- Salmons, J., & Wilson, L. (2008). *Handbook of research on electronic collaboration and organizational synergy*. IGI Global.
- Santrock, J. W. (2002). *Life-span development*.
- Sawyer, K. (2012). Extending sociocultural theory to group creativity. *Vocations and Learning*, 5(1), 59–75.
- Sawyer, R. K. (2017). Teaching creativity in art and design studio classes: A systematic literature review. *Educational Research Review*, 22, 99–113.
- Schacter, J., Thum, Y. M., & Zifkin, D. (2006). How much does creative teaching enhance elementary school students' achievement? *The Journal of Creative Behavior*, 40(1), 47–72.
- Schoen, L., & Fusarelli, L. D. (2008). Innovation, NCLB, and the fear factor: The challenge of leading 21st-century schools in an era of accountability. *Educational Policy*, 22(1), 181–203.
- Sefton-Green, J., Thomson, P., Jones, K., & Bresler, L. (2011). *The Routledge international handbook of creative learning*. Routledge London.
- Selkirk, M., & Keamy, K. (2017). Creative pedagogy: a case for teachers' creative learning being at the centre. *Teaching Education*, 28(3), 317–332.
- Selwyn, N. (2011). Technology, media and education: telling the whole story. In *Learning, Media and Technology* (Vol. 36, Issue 3, pp. 211–213). Taylor & Francis.
- Selwyn, N. (2009). The digital native--myth and reality. *Aslib Proceedings*, 61(4), 364–379.
- Selwyn, N., & Facer, K. (2014). The sociology of education and digital technology: past, present and future. *Oxford Review of Education*, 40(4), 482–496.
- Setiawan, R. (2017). The Influence of Income, Experience, and Academic Qualification on the Early Childhood Education Teachers' Creativity in Semarang, Indonesia. *International Journal of Instruction*, 10(4), 39–50.
- Simonton, D. K. (2012). Teaching creativity: Current findings, trends, and controversies in the psychology of creativity. *Teaching of Psychology*, 39(3), 217–222.
- Simpson Steele, J. (2016). Becoming creative practitioners: elementary teachers tackle artful approaches to writing instruction. *Teaching Education*, 27(1), 72–87.
- Smith, J. K., & Smith, L. F. (2010). Educational creativity. *The Cambridge Handbook of Creativity*, 250–264.
- Smith, P. L., & Ragan, T. J. (2004). *Instructional design*. John Wiley & Sons.

- Sormin, S. A., Pane, S. M., Lubis, M., Ritonga, M. Y., & Priyono, C. D. (2022). Pengelolaan Lingkungan Berbasis Etnoekologi Melalui Pedagogi Kreatif dalam Pembelajaran IPS. *EDUKATIF: JURNAL ILMU PENDIDIKAN*, 4(5), 6555–6563.
- Sugianti, Y. H. R. D. (2020). Penelitian Pengembangan Model ADDIE Dan R2D2: Teori Dan Praktek. *Pasuruan: Lembaga Akademik Dan Research Institute*.
- Sugiono, S. (2016). *Metode penelitian kuantitatif, kualitatif, dan R & D*. Bandung: Alfabeta.
- Supriatna, N., & Maulidah, N. (2020). Pedagogi kreatif: menumbuhkan kreativitas dalam pembelajaran sejarah dan ips. *Remaja Rosdakarya*.
- Surya, M. (2015). Strategi kognitif dalam proses pembelajaran. In *Bandung: Alfabeta*. Alfabeta.
- Tan, J. P.-L., & McWilliam, E. (2008). Cognitive playfulness, creative capacity and generation ‘C’learners. *Cultural Science Journal*, 1(2).
- Taylor, I. (2017). *Perspectives in creativity*. Routledge. <https://doi.org/https://doi.org/10.4324/9781315126265>
- Taylor, I. A., & Sandler, B. E. (1972). Use of a creative product inventory for evaluating products of chemists. *Proceedings of the Annual Convention of the American Psychological Association*.
- Torrance, E P. (1964). Guide for administrating and scoring non-verbal form B: Minnesota Test of Creative Thinking. *Minneapolis, MN: University of Minnesota*.
- Torrance, E Paul. (1959). Current research on the nature of creative talent. *Journal of Counseling Psychology*, 6(4), 309.
- Torrance, E Paul. (1962a). Assessing the creative thinking abilities. In *Guiding creative talent* (pp. 16–43). Prentice-Hall, Inc.
- Torrance, E Paul. (1962b). Non-test ways of identifying the creatively gifted. *Gifted Child Quarterly*, 6(3), 71–75.
- Torrance, E Paul. (1962c). Testing and creative talent. *Educational Leadership*, 20(1), 7.
- Torrance, E Paul. (1966). Torrance tests of creative thinking. *Educational and Psychological Measurement*.
- Trilling, B., & Fadel, C. (2009). *21st century skills: Learning for life in our times*. John Wiley & Sons.
- Vygotsky, L. S. (1974). *No Title*. The MIT Press.
- Wahyudi, W., Verawati, N. N. S. P., Ayub, S., & Prayogi, S. (2019). The effect of scientific creativity in inquiry learning to promote critical thinking ability of prospective teachers. *International Journal of Emerging Technologies in Neni Maulidah*, 2023
- PENGEMBANGAN DESAIN PEMBELAJARAN PEDAGOGI KREATIF BERBASIS TEKNOLOGI DIGITAL DALAM PEMBELAJARAN IPS UNTUK MENstimulasi KEBIASAAN BERPIKIR KREATIF CALON GURU SEKOLAH DASAR**
- Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Learning (Online)*, 14(14), 122.
- Wibowo, A., & Saptono, A. (2018). Does entrepreneurial leadership impact on creativity and innovation of elementary teachers? *Journal of Entrepreneurship Education*, 21(2), 1–9.
- Wibowo, A., Saptono, A., & others. (2018). Does TEACHERS' CREATIVITY impact on vocational STUDENTS' ENTREPRENEURIAL intention? *Journal of Entrepreneurship Education*, 21(3), 1–12.
- Widiastuti, A., Supriatna, N., Disman, D., & Nurbayani, S. (2022). Pedagogi Kreatif Dalam Pembelajaran Ips: Studi di SMP Negeri 2 Pandak Bantul Yogyakarta. *Jurnal Ilmiah WUNY*, 4(1).
- Williams, F. E. (1979). Assessing creativity across Williams" cube" model. *Gifted Child Quarterly*, 23(4), 748–756.
- Williamson, B., & Payton, S. (2009). *Curriculum and Teaching Innovation: Transforming Classroom Practice and Personalisation: a Handbook from Futurelab*. Futurelab.