

**BIMBINGAN KELOMPOK MODEL *SYNECTICS*  
UNTUK MENGEMBANGKAN KREATIVITAS  
PESERTA DIDIK SEKOLAH DASAR KELAS ATAS**

**TESIS**

diajukan untuk memenuhi sebagian syarat untuk memperoleh gelar  
Magister Pendidikan dalam Bidang Bimbingan dan Konseling



oleh  
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**PROGRAM STUDI BIMBINGAN DAN KONSELING  
FAKULTAS ILMU PENDIDIKAN  
UNIVERSITAS PENDIDIKAN INDONESIA  
2024**

**LEMBAR HAK CIPTA**

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Sebuah tesis yang diajukan untuk memenuhi sebagian syarat untuk memperoleh gelar Magister Pendidikan dalam bidang Bimbingan dan Konseling

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BIMBINGAN KELOMPOK MODEL *SYNECTICS*  
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## LEMBAR PERNYATAAN

Saya menyatakan bahwa tesis dengan judul “Bimbingan Kelompok Model *Synectics* untuk Mengembangkan Kreativitas Peserta Didik Sekolah Dasar Kelas Atas” beserta isinya adalah benar-benar karya saya sendiri. Saya tidak melakukan penjiplakan atas pengutipan yang tidak sesuai dengan etika ilmu yang berlaku dalam masyarakat keilmuan. Atas pernyataan ini, saya siap menanggung risiko atau sanksi yang dijatuhkan kepada saya apabila di kemudian hari ditemukan adanya pelanggaran terhadap etika keilmuan atau ada klaim dari pihak lain terhadap keaslian karya saya ini.

Bandung, 2 Agustus 2024  
yang membuat pernyataan,



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## KATA PENGANTAR

*Bismillaahirrahmaanirrahiim.* Puji dan syukur kehadiran Allah Swt. atas rahmat dan karunia-Nya penulis dapat menyelesaikan tesis yang berjudul “Bimbingan Kelompok Model *Synectics* untuk Mengembangkan Kreativitas Peserta Didik Sekolah Dasar Kelas Atas”. Shalawat beserta salam tetap terlimpahkan kepada junjungan Nabi Besar Muhammad Saw.

Penyusunan tesis berisi kajian mengenai bimbingan kelompok model *synectics* untuk mengembangkan kreativitas peserta didik Sekolah Dasar. Kreativitas menjadi salah satu keterampilan kunci yang harus dimiliki peserta didik di abad ke 21 untuk mencapai kesejahteraan pada segala aspek dalam kehidupan. Pemberian layanan bimbingan kelompok model *synectics* bertujuan untuk mengembangkan kreativitas peserta didik Sekolah Dasar.

Hasil penelitian diharapkan dapat menjadi referensi dalam pemberian layanan bimbingan untuk mengembangkan kreativitas peserta didik Sekolah Dasar. Kritik, saran, dan bimbingan dari dosen pembimbing dan dosen penguji untuk akan sangat membantu dalam proses optimalisasi tesis.

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## UCAPAN TERIMA KASIH

*Alhamdulillah* segala puji bagi Allah Swt. berkat rahmat dan karunia-Nya penulis dapat menyelesaikan penyusunan tesis. Selama proses penyusunan tesis tidak terlepas dari bantuan serta dukungan berbagai pihak, baik secara moril maupun materil. Dalam kesempatan ini penulis mengucapkan terima kasih dan menyampaikan penghargaan yang setinggi-tingginya kepada.

1. Dr. Yusi Riksa Yustiana, M.Pd. selaku dosen pembimbing I yang telah memberikan ilmu, arahan, bimbingan, waktu, pelajaran, dukungan dan motivasi sejak awal penulisan tesis hingga selesai tesis.
2. Dr. Nandang Budiman M.Si., selaku Dosen Pembimbing II sekaligus Dosen Pembimbing Akademik, terima kasih atas ilmu, bimbingan, arahan, waktu, dan motivasi yang telah diberikan selama proses penyusunan tesis sampai dengan selesai.
3. Dr. Ipah Saripah, M.Pd., Dr. Arie Rakhmat Riyadi, M.Pd., dan Mela Darmayanti, M.Pd. yang telah berkenan untuk memberikan penilaian dan rekomendasi untuk pengembangan program bimbingan kelompok.
4. Dr. Ipah Saripah, M.Pd. selaku Ketua Program Studi Bimbingan dan Konseling yang telah memberikan bantuan dan kemudahan selama proses perkuliahan sampai dengan selesai.
5. Dr. Eka Sakti Yudha, M.Pd. selaku Program Studi Bimbingan dan Konseling yang telah memberikan bantuan dan kemudahan selama proses perkuliahan sampai dengan selesai.
6. Bapak dan Ibu Dosen beserta Staf Program Studi Bimbingan dan Konseling yang telah memberikan bantuan, bimbingan dan ilmu dari awal perkuliahan sampai dengan selesainya penulisan tesis.
7. Dadang Supriatna S.Pd. Kepala Sekolah SDN Sukamulya yang telah memberikan izin penelitian tesis.
8. Ayahanda Alam Sahrudin (Alm.) dan Ibunda Karyati yang selalu mendoakan, memberikan dukungan, motivasi, dan semangat untuk dapat menyelesaikan kuliah.

9. Cecep Somantri dan Selsya Nurhabibah yang telah membiayai dan mengatur keuangan untuk keperluan studi dari mulai proses seleksi masuk perguruan tinggi negeri hingga selesai.
10. Teman-teman KMBK S2 2022 yang telah berjuang bersama selama dua tahun perkuliahan sampai dengan selesai.

Ucapan terima kasih juga disampaikan kepada semua pihak yang telah memberikan dukungan dan do'a yang tidak dapat penulis sebutkan satu per satu. Semoga Allah Swt. membalas semua kebaikan yang telah diberikan.

Bandung, 2 Agustus 2024



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## ABSTRAK

Penelitian dilatarbelakangi oleh pentingnya pengembangan kreativitas peserta didik Sekolah Dasar sebagai kompetensi yang harus dimiliki oleh pada abad ke 21 untuk mencapai keberhasilan dalam belajar, bekerja dan dalam kehidupan. Tujuan penelitian untuk menguji efikasi bimbingan kelompok model *synectics* dalam mengembangkan kreativitas peserta didik di Sekolah Dasar kelas atas. Metode yang digunakan yaitu *pre experimental design* dengan *one group pretest posttest design*. Subjek penelitian terdiri dari tujuh orang peserta didik. Instrumen yang digunakan dalam penelitian adalah tes kreativitas peserta didik Sekolah Dasar kelas atas dengan aspek *fluency*, *flexibility*, *originality*, dan *elaboration*. Temuan penelitian menunjukkan profil kreativitas peserta didik Sekolah Dasar kelas atas sebagian besar berada pada kategori sedang, program bimbingan kelompok model *synectics* untuk mengembangkan kreativitas peserta didik Sekolah Dasar kelas atas dinilai layak oleh pakar bimbingan dan konseling dan pakar pendidikan guru Sekolah Dasar, sehingga dapat diimplementasikan untuk mengembangkan kreativitas peserta didik Sekolah Dasar. Bimbingan kelompok model *synectics* berefikasi secara signifikan untuk mengembangkan kreativitas peserta didik di Sekolah Dasar kelas atas. Rekomendasi penelitian ditujukan bagi guru kelas dan peneliti selanjutnya.

Kata Kunci: bimbingan kelompok, model *synectics*, kreativitas, Sekolah Dasar



## **ABSTRACT**

*The research is motivated by the importance of developing creativity in elementary school students as a crucial competency needed in the 21st century for success in learning, work, and life. The aim of the study is to test the efficacy of the Synectics group guidance model in developing creativity among upper-grade elementary school students. The method used is a pre-experimental design with a one-group pretest-posttest design. The research subjects consist of seven students. The instrument used in the study is a creativity test for upper-grade elementary school students, focusing on aspects of fluency, flexibility, originality, and elaboration. The findings show that the creativity profile of most upper-grade elementary school students falls into the moderate category. The Synectics group guidance program to develop creativity in upper-grade elementary school students is considered feasible by experts in guidance and counseling as well as by elementary school education experts, making it implementable for fostering creativity in elementary school students. The result of the research. The Synectics group guidance model is significantly effective in developing creativity among upper-grade elementary school students. The research recommendations are directed towards classroom teachers and future research.*

**Keywords:** *group guidance, synectics model, creativity, elementary school*

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## DAFTAR PUSTAKA

- Agustina, Y., Suhaili, N., & Irdamurni, I. (2021). Perkembangan intelektual siswa sekolah dasar: sebuah kajian literatur. *Journal of Educational and Learning Studies*, 4(2), 254–258. <http://jurnal.globaleconedu.org/index.php/jels/article/view/202>
- Alencar, E., Feldhusen, J. F., & Widlak, F. W. (1975). Creativity training in elementary schools in Brazil. *Journal of Experimental Education*, 44(2), 23–27. <https://doi.org/10.1080/00220973.1976.11011544>
- Alfonso-Benlliure, V., Meléndez, J. C., & García-Ballesteros, M. (2013). Evaluation of a creativity intervention program for preschoolers. *Thinking Skills and Creativity*, 10, 112–120. <https://doi.org/10.1016/j.tsc.2013.07.005>
- Amabile, T. M. (1983). The social psychology of creativity: A componential conceptualization. *Journal of Personality and Social Psychology*, 45(2), 357–376. <https://doi.org/10.1037/0022-3514.45.2.357>
- Amabile, T. M. (2001). Beyond Talent. *Journal American Psychologist*, 56(4), 333–336. <https://doi.org/10.1037/0003-066X.56.4.333>
- Amabile, T. (1986). Social Influences on Creativity. The Effects of Contracted-for Reward. *Journal of Personality and Social Psychology*, 50(1), 14–23. <https://doi.org/10.1037/0022-3514.50.1.14>
- Amabile, T. (1997). Entrepreneurial creativity through motivational synergy. *Journal of Creative Behavior*, 31(1), 18–26. <https://doi.org/10.1002/j.2162-6057.1997.tb00778.x>
- Amabile, Teresa. (1983). *The Social Psychology of Creativity*. Springer. [https://doi.org/10.1016/s1570-7946\(04\)80500-5](https://doi.org/10.1016/s1570-7946(04)80500-5)
- Anggraeni, D., & Hibana. (2021). Redesain Pengembangan Kreativitas Anak Usia Dini Melalui Bercerita. *Journal of Islamic Early Childhood Education UIN Suska Riau*, 4(1), 26–37. <https://doi.org/DOI:10.24014/kjiece.v4i1.12196>
- Ardhyantama, V. (2020). Creativity Development Based on the Ideas of Ki Hajar Dewantara. *Jurnal Pendidikan Dan Kebudayaan*, 5(1), 73–86. <https://doi.org/10.24832/jpkn.v5i1.1502>
- Asriadi, M., & Istiyono, E. (2020). Exploration of Creative Thinking Skills of Students in Physics Learning. *Journal of Educational Science and Technology (EST)*, 6(2), 151–158. <https://doi.org/10.26858/est.v6i2.12737>
- Ayob, A., Majid, R., Hussain, A., & Mustaffa, M. M. (2012). Creativity enhancement through experiential learning. *Advances in Natural and Applied Sciences*, 6, 94–99.

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- Aziz, R. (2009). Pengembangan Kreativitas Melalui Kegiatan Synectics. *Jurnal Intervensi Psikologi*, 1(2), 129–142.
- Barbot, B. (2016). “Peaks, Slumps, and Bumps”: Individual Differences in the Development of Creativity in Children and Adolescents. In *New directions for child and adolescent development* (Issue 151, pp. 33–45). <https://doi.org/10.1002/cad.20152>
- Barbot, B. (2019). Measuring creativity change and development. *Psychology of Aesthetics, Creativity, and the Arts*. <https://psycnet.apa.org/record/2019-20312-010>
- Barron, F. (1995). The disposition toward originality by barron 1955. *The Journal of Abnormal and Social Psychology*, 51(3), 478–485. <https://doi.org/doi:10.1037/h0048073>
- Bart, W. M. (2017). An investigation of the factor structure of the torrance tests of creative thinking. *Kuram ve Uygulamada Egitim Bilimleri*, 17(2), 515–528. <https://doi.org/10.12738/estp.2017.2.0051>
- Buitink, M. (2017). *A gender-comparison between verbal and figural divergent thinking in 4-year-old children, using the Torrance Test of Creative Thinking and the Alternative Uses Task*. [dspace.library.uu.nl. https://dspace.library.uu.nl/handle/1874/352747](https://dspace.library.uu.nl/handle/1874/352747)
- Carson, S. H., Peterson, J. B., & Higgins, D. M. (2005). Reliability, validity, and factor structure of the creative achievement questionnaire. *Creativity Research Journal*, 17(1), 37–50. [https://doi.org/10.1207/s15326934crj1701\\_4](https://doi.org/10.1207/s15326934crj1701_4)
- Chesimet, M. C., Githua, B. ., & Ng’eno, J. . (2016). Effects of Experiential Learning Approach on Students’ Mathematical Creativity among Secondary School Students of Kericho East Sub-County, Kenya. *Journal of Education and Practice* , 7(23), 51–57. <https://files.eric.ed.gov/fulltext/EJ1112801.pdf>
- Chien, Y. C., Liu, M. C., & Wu, T. T. (2020). Discussion-record-based prediction model for creativity education using clustering methods. *Thinking Skills and Creativity*, 36(October 2019), 100650. <https://doi.org/10.1016/j.tsc.2020.100650>
- Chiu, F. C., Hsu, C. C., Lin, Y. N., Liu, C. H., Chen, H. C., & Lin, C. H. (2019). Effects of Creative Thinking and Its Personality Determinants on Negative Emotion Regulation. *Psychological Reports*, 122(3), 916–943. <https://doi.org/10.1177/0033294118775973>
- Cho, Y., Chung, H. Y., Choi, K., Seo, C., & Baek, E. (2013). The emergence of student creativity in classroom settings: A case study of elementary schools in korea. *Journal of Creative Behavior*, 47(2), 152–169. <https://doi.org/10.1002/jocb.29>
- Choi, H. H., & Kim, M. J. (2017). The effects of analogical and metaphorical reasoning on design thinking. *Thinking Skills and Creativity*, 23, 29–41. <https://doi.org/10.1016/j.tsc.2016.11.004>

- Claxton, A. F., Pannells, T. C., Rhoads, P. A., Claxton, A. F., Pannells, T. C., & Rhoads, P. A. (2005). *Developmental Trends in the Creativity of School-Age Children Developmental Trends in the Creativity of School-Age Children*. 17(4), 37–41. <https://doi.org/10.1207/s15326934crj1704>
- Cohen, S. (1974). Exploratory task behavior and creativity in young children. *Home Economics Research Journal*. <https://doi.org/10.1177/1077727X7400200405>
- Csikszentmihalyi, M. (1991). Flow: The Psychology of Optimal Experience. *The Academy of Management Review*, 16(3), 636. <https://doi.org/10.2307/258925>
- Doron, E. (2017). Fostering creativity in school aged children through perspective taking and visual media based short term intervention program. *Thinking Skills and Creativity*, 23, 150–160. <https://doi.org/10.1016/j.tsc.2016.12.003>
- Fadhilah, Y., Salim, R. M. A., & Safitri, S. (2022). Teacher Efficacy and Teacher Social Perception in Creative Teaching for Elementary School Teachers. *Jurnal Ilmiah Sekolah Dasar*, 6(2), 212–219. <https://doi.org/10.23887/jisd.v6i2.44760>
- Faizah, & Zaenudin, A. (2020). Pengembangan Kreativitas Peserta Didik Dalam Pembelajaran Tematik Terpadu Kelas Iv Di Min Bener Purworejo. *Jurnal Tarbiyah Al-Awlad*, 10(1), 63–71.
- Fakhirah, N. L., Darmiany, D., & Astria, F. P. (2023). Analisis Kemampuan Berpikir Kreatif Siswa Pada Mata Pelajaran IPA Kelas IV di SDN 36 Cakranegara. *Jurnal Ilmiah Profesi Pendidikan*, 8(1b), 719–733. <https://doi.org/10.29303/jipp.v8i1b.1273>
- Feist, J., Feist, G. J., & Tomi-Ann, R. (2018). Theories Of Personality, 9th Edition. In *McGraw-Hill Education*. <https://mheducation.com/highered>
- Fleith, D. D. S. (2000). Teacher and student perceptions of creativity in the classroom environment. *Roepers Review*, 22(3), 148–153. <https://doi.org/10.1080/02783190009554022>
- Fleith, D. D. S., Renzulli, J. S., & Westberg, K. L. (2002). Effects of a creativity training program on divergent thinking abilities and self-concept in monolingual and bilingual classrooms. *Creativity Research Journal*, 14(3–4), 373–386. [https://doi.org/10.1207/s15326934crj1434\\_8](https://doi.org/10.1207/s15326934crj1434_8)
- Garaigordobil, M. (2006). Intervention in creativity with children aged 10 and 11 years: Impact of a play program on verbal and graphic-figural creativity. *Creativity Research Journal*, 18(3), 329–345. [https://doi.org/10.1207/s15326934crj1803\\_8](https://doi.org/10.1207/s15326934crj1803_8)
- Gehlbach, R. D. (1991). Play, Piaget, and Creativity: The Promise of Design. *Journal of Creative Behavior*. <https://eric.ed.gov/?id=EJ439619>
- Gendrop, S. C. (1996). Effect of an intervention in synectics on the creative thinking of nurses. *Creativity Research Journal*, 9(1), 11–19. [https://doi.org/10.1207/s15326934crj0901\\_2](https://doi.org/10.1207/s15326934crj0901_2)

- Gordon, W. J. J. (1961). *Synectics: The development of creative capacity*. In Harper and Row Publisher.
- Grohman, M., Ivcevic Pringle, Z., Silvia, P., & Kaufman, S. (2017). The Role of Passion and Persistence in Creativity. *Psychology of Aesthetics, Creativity, and the Arts, 11*. <https://doi.org/10.1037/aca0000121>
- Guilford, J. (1950). Creativity. *American Psychologist, 5*(9), 444–454. <https://doi.org/10.1037/h0063487>
- Guilford, J. P. (1957). Creative abilities in the arts. *Psychological Review, 64*(2), 110–118. <https://doi.org/10.1037/h0048280>
- Guilford, J. P. (1967). *The Nature of Human Intelligence*. McGraw-Hill, Inc.
- Guilford, J. P. (1973). *Characteristics of Creativity*. ERIC. <https://eric.ed.gov/?id=ED080171>
- Guo, J., & Woulfin, S. (2016). Twenty-first century creativity : An investigation of How the partnership for 21st century instructional framework reflects the principles of creativity. *Roeper Review, 38*(3), 153–161. <https://doi.org/10.1080/02783193.2016.1183741>
- Hahm, J., Kim, K. K., & Park, S. H. (2019). Cortical correlates of creative thinking assessed by the figural Torrance Test of Creative Thinking. In *NeuroReport* (pp. 1289–1293). ncbi.nlm.nih.gov. <https://doi.org/10.1097/WNR.0000000000001358>
- Hasibuan, A. T., Ananda, F., Mawaddah, Putri, R. M., & Siregar, S. R. A. (2022). Kreativitas Guru dalam menggunakan Metode Pembelajaran di SDN 010 Hutapuli. *Jurnal Pendidikan Tambusai, 6*(2), 9946–9956. <https://doi.org/DOI:https://doi.org/10.31004/jptam.v6i2.3997>
- Hey, J., Linsey, J., Agogino, A. M., & Wood, K. L. (2008). Analogies and metaphors in creative design. *International Journal of Engineering Education, 24*(2), 283–294.
- Huang, S. Y., Ko, P. J., Lin, H. H., Dai, R. H., & Chen, H. C. (2021). Creative Thinking Counseling Teaching Program can Improve the Creativity, Creative Tendency, and Self-Concept of Grade 7 Students: A Quasi-Experimental Study. *Journal of Creative Behavior, 55*(3), 819–838. <https://doi.org/10.1002/jocb.491>
- Irawan, T. M. I. A., Rusmana, N., Budiman, N., & Hananto, I. (2022). Efektifitas Bimbingan Kelompok untuk Meningkatkan Kreativitas Peserta Didik: Meta Analysis. *GUIDENA: Jurnal Ilmu Pendidikan, Psikologi, Bimbingan Dan Konseling, 12*(3), 373–381.
- Jirásek, M., & Sudzina, F. (2020). Big five personality traits and creativity. *Quality Innovation Prosperity, 24*(3), 90–105. <https://doi.org/10.12776/QIP.V24I3.1509>
- Johnson, T. (2016). Holistic development: The social and emotional needs of

- children. In *The Early Years Handbook for Students and Practitioners: An Essential Guide For the Foundation Degree and Levels 4 and 5* (pp. 231–245). [https://api.elsevier.com/content/abstract/scopus\\_id/85167365446](https://api.elsevier.com/content/abstract/scopus_id/85167365446)
- Joyce, B., & Weil, M. (2003). *Models of Teaching* (Fifth Edition). *Prentice Hall of India*.
- Kadir, A., Thaba, A., & Karim, A. (2021). Meningkatkan keterampilan siswa dalam berdiskusi melalui Implementasi sinektik. *Jurnal Kredo*, 4(2), 368–384.
- Kartika, Y. Z. (2022). Pengembangan Kreativitas Anak Usia Sd/Mi Di an Najah Kreatif Purwokerto. *JISIP (Jurnal Ilmu Sosial Dan Pendidikan)*, 6(3), 10572–10581. <https://doi.org/10.58258/jisip.v6i3.3488>
- Khan, A. A., & Mahmood, N. (2017). The Role of the Synectics Model in Enhancing Students' Understanding of Geometrical Concepts. *Journal of Research and Reflections*, 2, 253–264. <http://www.ue.edu.pk/jrre>
- Khauro, K., Setiyawan, A., & Citrawati, T. (2020). Pengaruh metode ceramah terhadap hasil belajar dalam pelajaran matematika kelas I SDN Telang 1. *Prosiding Nasional Pendidikan: LPPM IKIP PGRI Bojonegoro*, 1(1), 667–671. <https://prosiding.ikipgribojonegoro.ac.id/index.php/Prosiding/article/view/1110>
- Kim, K. H. (2006). Can we trust creativity tests? A review of the Torrance Tests of Creative Thinking (TTCT). *Creativity Research Journal*, 18(1), 3–14. [https://doi.org/10.1207/s15326934crj1801\\_2](https://doi.org/10.1207/s15326934crj1801_2)
- Kohlberg, L. (1976). Young Children's Creativity and Pretend Play. In *Moral Developmental and Behavior: Theory, Research, and Social Issue*. Holt Rinehart & Winston. <https://doi.org/10.1080/03004430214553>
- Krumm, G. (2016). Factor Structure of the Torrance Tests of Creative Thinking Verbal Form B in a Spanish-speaking Population. *Journal of Creative Behavior*, 50(2), 150–164. <https://doi.org/10.1002/jocb.76>
- Kupers, E., & van Dijk, M. (2020). Creativity in interaction: the dynamics of teacher-student interactions during a musical composition task. *Thinking Skills and Creativity*, 36, 100648. <https://doi.org/10.1016/j.tsc.2020.100648>
- Kwaśniewska, J. M. (2018). Mothers' personality traits and the climate for creativity they build with their children. *Thinking Skills and Creativity*, 27, 13–24. <https://doi.org/10.1016/j.tsc.2017.11.002>
- Lau, S., & Cheung, P. C. (2010). Developmental trends of creativity: What twists of turn do boys and girls take at different grades? *Creativity Research Journal*. <https://doi.org/10.1080/10400419.2010.503543>
- Lawson, D. W., & Mace, R. (2011). Parental investment and the optimization of human family size. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 366(1563), 333–343. <https://doi.org/10.1098/rstb.2010.0297>

- Licul, N., & Jurišević, M. (2020). The perception of creative classroom climate in elementary school students: Comparison between regular and enriched visual art classes. *High Ability Studies*, 1(1), 1–19. <https://doi.org/10.1080/13598139.2020.1855124>
- Lukawati, Laely, K., & Indiati, I. (2023). Stimulasi Kreativitas Melalui Kegiatan Bermain dengan Media Tanah Liat Anak Usia 5-6 Tahun. *Aulad: Journal on Early Childhood*, 6(3), 352–358. <https://doi.org/10.31004/aulad.v6i3.519>
- Manaf, A., Dewanti, S. S., Mam, S., Susetyawati, E., & Ernawati, I. (2022). Is there a correlation between creativity and learning achievement? A meta-analysis study. *REID (Research and Evaluation in Education)*, 8(1), 78–89. <https://doi.org/10.21831/reid.v8i1.51493>
- McCrae, R. (1987). Creativity, Divergent Thinking, and Openness to Experience. *Journal of Personality and Social Psychology*, 52(6), 1258–1265. <https://doi.org/10.1037/0022-3514.52.6.1258>
- Meador, K. S. (1995). The Effect of Synectics Training on Gifted and Nongifted Kindergarten Students. *Journal for the Education of the Gifted*, 18(1), 55–73. <https://doi.org/10.1177/016235329401800105>
- Mink, F. De. (1995). Metaphors as Keys to Creative Thinking. *European Journal of High Ability*, 6(2), 176–180. <https://doi.org/10.1080/0937445940060208>
- Mulyono, M., Ardiansyah, A. S., Fariz, R., & Khoirunnisa, K. (2020). Prespektif Gender terhadap Kemampuan Berpikir Kreatif Mahasiswa pada Blended Learning berbantu Google Classrooms. *Kreano, Jurnal Matematika Kreatif-Inovatif*, 11(2), 245–255. <https://doi.org/10.15294/kreano.v11i2.26540>
- Munandar, U. (2016). *Pengembangan Kreativitas Anak Berbakat*. Rineka Cipta.
- Muqodas, I. (2015). Mengembangkan Kreativitas Siswa Sekolah Dasar. *Metodik Didaktik: Jurnal Pendidikan Ke-SD-An*, 9(2), 25–33. <https://ejournal.upi.edu/index.php/MetodikDidaktik/article/viewFile/3250/2264>
- Murfiah, U. (2017). Implementasi Model Pembelajaran Terpadu Dalam Mengembangkan Kreativitas Anak Sekolah Dasar. *Pendas: Jurnal Ilmiah Pendidikan Dasar*, 1(1), 94. <https://doi.org/10.23969/jp.v1i1.230>
- Nasution, R. S., Solin, M., & Lubis, M. (2020). The Development of Synectic Models in Learning Writing in Short Story in the Class XI of Medan UISU High School. *Budapest International Research and Critics in Linguistics and Education (BirLE) Journal*, 3(1), 251–259. <https://doi.org/10.33258/birle.v3i1.758>
- Piaget, J. (1951). Play, Dreams, and Imitation in Childhood. In *American Journal of Psychiatry* (Vol. 111, Issue 1). Routledge and Kegan Paul Ltd. <https://doi.org/10.1176/ajp.111.1.69>
- Piirto, J. (2011). Creativity for 21st Century Skills: How to Embed Creativity into the Curriculum. In *Creativity for 21st Century Skills: How to Embed Creativity*

*into the Curriculum*. Sense Publisher.

- Prince, G. M. (1967). The operational mechanism of synectics. *The Journal of Creative Behavior*, 2(1), 1–13.
- Ramadhani, S., Ansari, K., & Hadi, W. (2017). The effect of synectics learning model and vocabulary mastering to students writing poetry skill in grade v. *IOSR Journal of Research & Method in Education*, 7(5), 80–88. <https://doi.org/10.9790/7388-0705038088>
- Robbins, S. P., & Judge, T. A. (2013). Organizational Behavior. In *Pearson* (Fifteenth). Pearson.
- Runco, M. (2010). Torrance tests of creative thinking as predictors of personal and public achievement: A fifty-year follow-up. *Creativity Research Journal*, 22(4), 361–368. <https://doi.org/10.1080/10400419.2010.523393>
- Runco, M A. (2007). Correcting the research on creativity. *Creativity Research Journal*. <https://doi.org/10.1080/10400410701756724>
- Runco, M A, & Albert, R. S. (1986). The threshold theory regarding creativity and intelligence: An empirical test with gifted and nongifted children. In *Creative Child and Adult Quarterly*. academia.edu. [https://www.academia.edu/download/33011825/1986\\_Runco\\_Albert\\_Threshold\\_Theory.pdf](https://www.academia.edu/download/33011825/1986_Runco_Albert_Threshold_Theory.pdf)
- Runco, M A, & Beghetto, R. A. (2019). Primary and secondary creativity. *Current Opinion in Behavioral Sciences*. <https://www.sciencedirect.com/science/article/pii/S2352154618301402>
- Runco, Mark A. (2014). Creativity: Theories and Themes: Research, Development, and Practice. In *Elseiver*. <https://doi.org/10.1016/C2012-0-06920-7>
- Runco, Mark A. (2014). Creativity: Theories and Themes: Research, Development, and Practice. In *Elseiver Inc.* (Second Edi). Elseiver Inc. <https://doi.org/10.1016/C2012-0-06920-7>
- Runco, Mark A, Johnson, D. J., Runco, M. A., & Johnson, D. J. (2010). Parents and Teachers Implicit Theories of Children ' s Creativity : A Cross-Cultural Perspective. *Creativity Research Journal*, 14(3), 37–41. [https://doi.org/http://dx.doi.org/10.1207/S15326934CRJ1434\\_12](https://doi.org/http://dx.doi.org/10.1207/S15326934CRJ1434_12)
- Russ, S W. (2003). Play and creativity: Developmental issues. *Scandinavian Journal of Educational Research*. <https://doi.org/10.1080/00313830308594>
- Russ, S W, & Fiorelli, J. A. (2010). Developmental approaches to creativity. *The Cambridge Handbook of Creativity*. <https://books.google.com/books?hl=en&lr=&id=1EBT3Qj5L5EC&oi=fnd&pg=PA233&dq=children+creativity&ots=7MfpDuYwZk&sig=sWoKc7ik3ZFBrH8fC7CcLY9ST5I>
- Russ, Sandra W, Hoffmann, J. D., & Kaufman, J. C. (2022). *The Cambridge Handbook of Lifespan Development of Creativity*. Cambridge University

Lulu Noorkholisah, 2024

**BIMBINGAN KELOMPOK MODEL SYNECTICS UNTUK MENGEMBANGKAN KREATIVITAS PESERTA DIDIK SEKOLAH DASAR KELAS ATAS**

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Press.

- Saggar, M., Xie, H., Beaty, R. E., Stankov, A. D., Schreier, M., & ... (2019). Creativity slumps and bumps: Examining the neurobehavioral basis of creativity development during middle childhood. *NeuroImage*, 94–101. <https://doi.org/https://doi.org/10.1016/j.neuroimage.2019.03.080>. This
- Sahoo, P. K., Pany, S., Mohanty, S. P., Dash, K. R., & Rana, S. (2023). Dialogue embedded synectics model of teaching: a hybrid model for promotion of creativity. *Journal of Research in Innovative Teaching and Learning*. <https://doi.org/10.1108/JRIT-08-2023-0117>
- Said-Metwaly, S. (2018). The Factor Structure of the Figural Torrance Tests of Creative Thinking: A Meta-Confirmatory Factor Analysis. *Creativity Research Journal*, 30(4), 352–360. <https://doi.org/10.1080/10400419.2018.1530534>
- Salsabila, S., & Ramdhini, S. A. (2020). Hubungan Tingkat Kreativitas dengan Prestasi Belajar pada Siswa Sekolah Dasar Kelas III SDN Karang Tengah 7. *As-Sabiqun*, 2(1), 18–27. <https://doi.org/10.36088/assabiqun.v2i1.612>
- Samiullah, M., Ahmad, A., & Ahmed, G. (2019). Benefiting Science Students with Synectics: An SR Approach. *Global Regional Review*, IV(II), 427–437. [https://doi.org/10.31703/grr.2019\(iv-ii\).46](https://doi.org/10.31703/grr.2019(iv-ii).46)
- Saymanlier, A., Ulbar, U., Cazacova, L., & Erdelhun, A. (2018). Creativity, Play, and Design. *International Journal of Arts and Sciences*, 3(11), 97–107. [http://www.openaccesslibrary.org/images/XEW282\\_Ahmet\\_M.\\_Saymanlier.pdf](http://www.openaccesslibrary.org/images/XEW282_Ahmet_M._Saymanlier.pdf)
- Scott, G. (2004). The effectiveness of creativity training: A quantitative review. In *Creativity Research Journal* (Vol. 16, Issue 4, pp. 361–388). <https://doi.org/10.1080/10400410409534549>
- Setiawan, T., Sumilat, J. M., Paruntu, N. M., & Monigir, N. N. (2022). Analisis Penerapan Model Pembelajaran Project Based Learning dan Problem Based Learning pada Peserta Didik Sekolah Dasar. *Jurnal Basicedu*, 6(6), 9736–9744. <https://doi.org/10.31004/basicedu.v6i6.4161>
- Shen, T., & Lai, J. C. (2014). Formation of Creative Thinking by Analogical Performance in Creative Works. *The European Journal of Social & Behavioural Sciences*, 7(4), 576–587. <https://doi.org/10.15405/ejsbs.95>
- Siddiqui, M. H. (2011). Synetics Model of Teaching: Developing Creativity Skills of Individuals and Groups of Society. *Indian Journal of Applied Research*, 3(4), 132–134. <https://doi.org/10.15373/2249555x/apr2013/43>
- Smogorzewska, J. (2019). “Storyline” or “associations Pyramid”? A Relationship between the Difficulty of Educational Methods and Their Effectiveness in Developing Language Creativity among Pre-School Children. *Psychology of Language and Communication*, 23(1), 27–47. <https://doi.org/10.2478/plc-2019-0003>

Lulu Noorkholisoh, 2024

**BIMBINGAN KELOMPOK MODEL SYNECTICS UNTUK MENGEMBANGKAN KREATIVITAS PESERTA DIDIK SEKOLAH DASAR KELAS ATAS**

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- Smogorzewska, Joanna. (2019). "Storyline" or "associations Pyramid"? A Relationship between the Difficulty of Educational Methods and Their Effectiveness in Developing Language Creativity among Pre-School Children. *Psychology of Language and Communication*, 23(1), 27–47. <https://doi.org/10.2478/plc-2019-0003>
- Stenberg, R. J. (2006). The Nature of Creativity Robert. *Creativity Research Journal*, 18(1), 87–98. <https://doi.org/10.1207/s15326934crj1801>
- Sumintono, B., & Widhiarso, W. (2014). *Aplikasi model Rasch untuk penelitian ilmu-ilmu sosial*. Trim Komunikata Publishing House.
- Sumintono, B., & Widhiarso, W. (2015). *Aplikasi Permodelan Rasch Pada Assessment Pendidikan*. Trim Komunikata.
- Suratno, Komaria, N., Yushardi, Dafik, & Wicaksono, I. (2019). The effect of using synectics model on creative thinking and metacognition skills of junior high school students. *International Journal of Instruction*, 12(3), 133–150. <https://doi.org/10.29333/iji.2019.1239a>
- Susanty, D., Adisaputera, A., & Yus, A. (2020). The Effect of Synectic Learning Model and Learning Interests on Creative Thinking Ability in Writing Free Poetry for Class V Students of SD Negeri 112320 Aek Kota Batu. *Budapest International Research and Critics in Linguistics and Education (BirLE) Journal*, 3(4), 2141–2152. <https://doi.org/10.33258/birle.v3i4.1477>
- Tanjung, Y. I., & Nasution, I. R. (2023). The Development of Creative Thinking Test Instruments with Torrance Indicators on Direct Current Electricity Materials. *Jurnal Pendidikan Fisika Indonesia*, 18(2), 134–143. <https://doi.org/10.15294/jpfi.v18i2.32117>
- Torrance, E P. (1966a). *Torrance Tests of Creative Thinking: Directions Manual and Scoring Guide for Figural Test Booklet A, 1972 revision*. Bensenville, 111.: Scholastic Testing .... Inc.
- Torrance, E P. (1966b). *Torrance Tests of Creative Thinking: Thinking Creatively with Words; 2. Verbal Test Booklet B; 2. Worksheet*. Scholastic Testing Service.
- Torrance, E P. (1971). *Creativity in Communication with Young Children*. ERIC. <https://eric.ed.gov/?id=ED073835>
- Torrance, E P. (1972). *Can We Teach Children to Think Creatively?*. ERIC. <https://eric.ed.gov/?id=ED061544>
- Torrance, E P. (1974). *Torrance test of creative thinking direstions manual and scoring guide-verbal test booklet B*. Bensenville, IL: Scholastic Testing Service. Inc.
- Torrance, E Paul. (1967). Understanding the fourth grade slump in creative thinking. Final report. *Final Report of USOE Cooperative Research Project*, 443. <http://scholar.google.com/scholar?hl=en&btnG=Search&q=intitle:understand>



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- Torrance, E Paul. (1968). A longitudinal examination of lifestyles. *The Gifted Child Quarterly*, 26(3), 205–219. <https://doi.org/10.1177/001698626801200401>
- Tsai, K. C. (2012). Play, Imagination, and Creativity: A Brief Literature Review. *Journal of Education and Learning*, 1(2), 16–20. <https://doi.org/10.5539/jel.v1n2p15>
- Umaroh, F. L., & Putro, K. Z. (2021). Alat Bermain dan Bentuk Permainan Yang Merangsang Berkembangnya Kreativitas Pada Anak. *GENIUS Indonesian Journal of Early Childhood Education*, 2(1), 1–14. <https://doi.org/10.35719/gns.v2i1.35>
- Urban, K. (1991). On the Development of Creativity in Children. *Creativity Research Journal*, 4(2), 177–191. <https://doi.org/10.1080/10400419109534384>
- Wafom, K., Yulianto, A., & Fatma Rabia, S. (2023). Pengaruh Metode Pemecahan Masalah (Problem Solving) Terhadap Kreativitas Belajar Siswa. *Trapsila: Jurnal Pendidikan Dasar*, 5(2), 34–44.
- Wibawa, S. C., Maspiyah, Indriyanti, A. D., Prehanto, D. R., Sumbawati, M. S., Mashudi, & Dharmayanti, D. (2019). Teaching Applied: Synectics Application using Leadership Instructional on Creative Design Subject for Upgrading Creativity. *Journal of Physics: Conference Series*, 1387(1). <https://doi.org/10.1088/1742-6596/1387/1/012068>
- Wirnoto, & Ratnaningsih. (2022). Problematika Pengembangan Kreativitas Peserta Didik Dalam Pembelajaran Matematika Berdasarkan Persepsi Guru. *Jurnal Pendidikan Dan Pembelajaran Matematika Indonesia*, 11(1), 27–40. <https://doi.org/10.23887/jppmi.v11i1.760>
- Yusnaeni, Corebima, A. D., Susilo, H., & Zubaidah, S. (2017). Creative thinking of low academic student undergoing search solve create and share learning integrated with metacognitive strategy. *International Journal of Instruction*, 10(2), 245–262. <https://doi.org/10.12973/iji.2017.10216a>
- Yusuf, S. L., & Nurihsan, J. (2013). Teori Kepribadian. In *Remaja Rosdakarya* (Fifth Edit). Remaja Rosdakarya. <https://doi.org/10.1063/1.5139861>
- Yusuf, S. L., & Nurihsan, J. (2016). *Landasan Bimbingan dan Konseling*. PT Remaja Rosdakarya.
- Zachopoulou, E., Makri, A., & Pollatou, E. (2009). Evaluation of children's creativity: Psychometric properties of Torrance's "Thinking Creatively in Action and Movement" test. *Early Child Development and Care*, 179(3), 317–328. <https://doi.org/10.1080/03004430601078669>