

DAFTAR PUSTAKA

- Adawiyah, T. A., Aloisius, H., & Nassar, A. (2020). *Science Learning Outcomes Based on Student Learning Styles (Journal In Indonesian)*. *Science, and Physics Education Journal (SPEJ)*, 4(1), 1–8. <https://doi.org/10.31539/spej.v4i1.1636>
- Arifin, M., & Abduh, M. (2021). *Increasing Learning Motivation Blended Learning Model (Journal In Indonesian)*. *Jurnal Basicedu*, 5(4), 2339–2347. <https://doi.org/https://doi.org/10.31004/basicedu.v5i4.1201>
- Arifin, M., & Al Halim, M. L. (2021). *Cooperative Type Number Head Together (Nht) With Question Card Media in Learning Tenses*. *Karangan: Jurnal Bidang Kependidikan, Pembelajaran, Dan Pengembangan*, 3(1), 44–50. <https://doi.org/10.55273/karangan.v3i1.87>
- Asrifan, A., Zita, C. T., Vargheese, K. J., & dkk. (2020). *The Effects of Call (Computer Assisted Language Learning) Toward the Students' English Achievement and Attitude*. *Journal of Advanced English Studies*, 3(2), 94. <https://doi.org/10.47354/jaes.v3i2.88>
- Astiti, D. N., Putu, L., Mahadewi, P., Suarjana, I. M., & Kunci, K. (2021). *Factors That Influence Science Learning Outcomes (Journal In Indonesian)*. *Jurnal Mimbar Ilmu*, 26(2), 193–203. <https://doi.org/https://doi.org/10.23887/mi.v26i2.35688>
- Cahyani, A., Listiana, I. D., & Larasati, S. P. D. (2020). *High School Students' Learning Motivation in Online Learning During the Covid-19 Pandemic (Journal In Indonesian)*. *IQ (Ilmu Al-Qur'an): Jurnal Pendidikan Islam*, 3(01), 123–140. <https://doi.org/10.37542/iq.v3i01.57>
- Cahyono, H. (2019). *Factors of Learning Difficulties for MIN Janti Students (Journal In Indonesian)*. *Jurnal Dimensi Pendidikan Dan Pembelajaran*, 7(1), 1. <https://doi.org/10.24269/dpp.v7i1.1636>
- Cheng, C. C., & Carolyn Yang, Y. T. (2023). *Impact Of Smart Slassrooms Combined With Student-Centered Pedagogies On Rural Students' Learning Outcomes: Pedagogy And Duration As Moderator Variables*. *Computers and Education*, 207(August), 104911. <https://doi.org/10.1016/j.compedu.2023.104911>
- Dewaele, J., & Meftah, R. (2024). *How motivation and enjoyment spread their wings during English Foreign Language learning: A pseudo-longitudinal investigation into Moroccan learners*. *Learning and Motivation*, 85(January), 101962. <https://doi.org/10.1016/j.lmot.2024.101962>
- Fauhah, H. (2021). *Analysis of the Make A Match Learning Model on Student Learning Outcomes (In Indonesian)*. 9, 321–334. <https://doi.org/https://doi.org/10.26740/jpap.v9n2.p321-334>

- Fitriyani, Y., & Supriatna, N. (2020). *Effect of Effectiveness of Application Used Cooperative Learning Model Type Numbered Head Together (NHT), Teams Games Tournament (TGT) and Course Review Horay (CRH) against Increased Critical Thinking Skill of Students*. The 2nd International Conference on Elementary Education, 2(1), 955–968. <http://proceedings.upi.edu/index.php/icee/article/view/707/623>
- Habibi, M. R., Rizal, S., & Saleh. (2022). *The Influence of the Numbered Head Together Model on Elementary School Students' Learning Motivation regarding the Diversity of Individual Characteristics in Civics-Containing Families (Journal In Indonesian)*. Jurnal Basicedu, 6(6), 10096–10103. <https://doi.org/10.31004/basicedu.v6i6.4109>
- Harefa, D., Sarumaha, M., Fau, A., Telaumbanua, T., Hulu, F., Telambanua, K., Sari Lase, I. P., Ndruru, M., & Marsa Ndraha, L. D. (2022). *The use of Jigsaw type cooperative learning models on the ability to understand student learning concepts (Journal in Indonesian)*. Aksara: Jurnal Ilmu Pendidikan Nonformal, 8(1), 325. <https://doi.org/10.37905/aksara.8.1.325-332.2022>
- Haryono, E., Slamet, M., & Septian, D. (2023). *SPSS Statistics 28 (Book In Indonesian)*. In N. Rismawati (Ed.), Widina Bhakti Persada Bandung (Cetakan Pe).
- Hasibuan, J. B., & Wahyudin, D. (2023). *Implementation of the NHT Type Cooperative Learning Model to Improve Mathematics Learning Outcomes*. Sukma: Jurnal Pendidikan, 7(2), 117–146. <https://doi.org/10.32533/07201.2023>
- Hornsey, R. L., Hibbard, P. B., & Scarfe, P. (2020). *Size And Shape Constancy In Consumer Virtual Reality*. Behavior Research Methods, 52(4), 1587–1598. <https://doi.org/10.3758/s13428-019-01336-9>
- Ida, F. F., & Musyarofah, A. (2021). *Validity and Reliability in Question Item Analysis (Journal In Indonesian)*. Al-Mu'Arrib: Journal of Arabic Education, 1(1), 34–44. <https://doi.org/10.32923/al-muarrib.v1i1.2100>
- Kaban, R. H., Anzelina, D., Sinaga, R., & Silaban, P. J. (2020). *The Influence of the PAKEM Learning Model on Student Learning Outcomes in Elementary Schools (In Indonesian)*. Jurnal Basicedu, 5(1), 102–109. <https://doi.org/10.31004/basicedu.v5i1.574>
- Khoerunnisa, P., & Aqwal, S. M. (2020). *Analysis of Learning Models (Journal in Indonesian)*. Fondatia, 4(1), 1–27. <https://doi.org/10.36088/fondatia.v4i1.441>
- Krisnayanti, I. G. A. A. H., & Wijaya, S. (2022). *The Influence of Teacher Performance on the Learning Outcomes of Grade 5 Elementary School Students in XYZ School Science Subjects (In Indonesian)*. Jurnal Ilmiah Mandala Education, 8(2), 1776–1785. <https://doi.org/10.58258/jime.v8i2.3313>

- Kurnia, K., Supriyono, S., & Pangestika, R. R. (2021). *Improvement Student Learning Achievement Using The Integration Of The NHT Model With Jigsaw On Geometry Topic (In Indonesian)*. Mudarrisa: Jurnal Kajian Pendidikan Islam, 13(1), 91–107. <https://doi.org/10.18326/mdr.v13i1.91-107>
- Kusnaeni, D., Affandi, L. H., & Oktavianti, I. (2023). *Numbered Head Together Learning Model to Improve Elementary School Student Learning Outcomes (Journal In Indonesian)*. Jurnal Educatio FKIP UNMA, 9(2), 1017–1023. <https://doi.org/10.31949/educatio.v9i2.4780>
- Machali, I. (2021). *Quantitative Research Methods (Book In Indonesian)*. In A. Q. Habib (Ed.), *Laboratorium Penelitian dan Pengembangan Farmaka Tropis Fakultas Farmasi Universitas Muallawarman, Samarinda, Kalimantan Timur* (Cetakan 3, Issue April). [https://digilib.uin-suka.ac.id/id/eprint/50344/1/Metode Penelitian Kuantitatif %20Panduan Praktis Merencanakan%2C Melaksa.pdf](https://digilib.uin-suka.ac.id/id/eprint/50344/1/Metode%20Penelitian%20Kuantitatif%20Panduan%20Praktis%20Merencanakan%20Melaksa.pdf)
- Maharani, S., & Indrawati, T. (2023). *Increasing Student Integrated Thematic Learning Outcomes using the Numbered Head Together Cooperative Learning Model in Class IV Elementary School (Journal In Indonesian)*. E-Jurnal Inovasi Pembelajaran Sekolah Dasar, 10(1), 50. <https://doi.org/10.24036/e-jipsd.v10i1.10347>
- Moelyani, S. (2020). *Application of the Numbered Heads Together (NHT) Cooperative Learning Model to Improve Student Mathematics Learning Outcomes (Journal In Indonesian)*. Jurnal Amal Pendidikan, 1(3), 192. <https://doi.org/10.36709/japend.v1i3.11932>
- Mutiara, M., Sidik, G. S., & Zahra, R. F. (2024). *Application of the NHT Type Cooperative Model in Increasing Students' Learning Motivation in Elementary Schools (In Indonesian)*. Jurnal Papeda: Jurnal Publikasi Pendidikan Dasar, 6(1), 46–54. <https://doi.org/10.36232/jurnalpendikdasar.v6i1.4717>
- Nanditha, Y., Wirdati, W., & Kanus, O. (2023). *The Influence of the Numbered Head Together (NHT) Cooperative Learning Model on PAI Learning Outcomes (journal In Indonesian)*. An-Nuha, 3(2), 228–239. <https://doi.org/10.24036/annuha.v3i2.302>
- Novitasari, D., Sanuriza, I. Il, Triutami, T. W., Wulandari, N. P., & Salsabila, N. H. (2020). *The Influence of Interest, Talent, Facilities and Learning Motivation on Student Cumulative Achievement Index (Journal In Indonesian)*. Media Pendidikan Matematika, 8(1), 1. <https://doi.org/10.33394/mpm.v8i1.2485>
- Nurmala, S., Triwoelandari, R., & Fahri, M. (2021). *Development of Articulate Storyline 3 Media in STEM-Based Science Learning to Develop Elementary/MI Student Creativity (In Indonesian)*. Jurnal Basicedu, 5(6), 5024–5034. <https://doi.org/10.31004/basicedu.v5i6.1546>

- Osman, N., & Hamzah, M. I. (2020). *Impact of Implementing Blended Learning on Students' Interest and Motivation*. *Universal Journal of Educational Research*, 8(4), 1483–1490. <https://doi.org/10.13189/ujer.2020.080442>
- Pendy, A., & Mbagho, H. M. (2020). *Number Head Together (NHT) Learning Model on Relationships and Functions (Journal In Indonesian)*. *Jurnal Basicedu*, 5(1), 165–177. <https://doi.org/10.31004/basicedu.v5i1.542>
- Permatasari, I. (2023). *The Influence of the NHT Learning Model on Science Learning Outcomes in Elementary Schools (In Indonesian)*. 4(1), 1–23. <https://doi.org/https://doi.org/10.23969/jp.v8i2.9428>
- Putri, B. C., Aldila, F. T., & Matondang, M. M. (2022). *The Relationship Between Learning Motivation Characters and Student Learning Outcomes (Journal In Indonesian)*. *Integrated Science Education Journal*, 3(2), 45–49. <https://doi.org/10.37251/isej.v3i2.252>
- Rahmiati, R., Sunarko, A., & Rois, A. (2022). *Effectiveness of Jigsaw Learning Model Based on Puzzle Games to Improve the Ability of Qira'ah in Takhasus Al Qur'an Wonosobo (Journal in Indonesian)*. *Lisanan Arabiya: Jurnal Pendidikan Bahasa Arab*, 6(1), 103–118. <https://doi.org/10.32699/liar.v6i1.2760>
- Rambe, N. I., Judan, R. M., & Sabri. (2023). *Application of the Jigsaw Learning Model to Improve Student Learning Outcomes on Force and Movement Material for Class IV State Elementary School No. 200402 Sabungan Jae (Journal In Indonesian)*. 3(2), 428–438. <https://doi.org/https://doi.org/10.37081/jipdas.v3i2.1199>
- Ruslaini, R., & Avisha, A. (2020). *Application of the Numbered Head Together (Nht) Cooperative Learning Model in Plant Breeding Material to Improve Student Learning Outcomes (Journal In Indonesian)*. *Jurnal Geuthèè: Penelitian Multidisiplin*, 3(3), 509. <https://doi.org/10.52626/jg.v3i3.90>
- Rohana. (2015). *Peningkatan Kemampuan penalaran dan Komunikasi Matematis, Serta Karakter Mahasiswa Calon Guru Melalui Pembelajaran Reflektif*.
- Sari, F. W., Damayanti, I. P., & Sutriyani, W. (2022). *The Role of Teachers in Implementing the NHT (Numbered Head Together) Type Cooperative Learning Model in Elementary Schools (Journal In Indonesian)*. *Jurnal Humaniora Dan Ilmu Pendidikan*, 2(1), 13–23. <https://doi.org/10.35912/jahidik.v2i1.1268>
- Sholihah, D. M. (2023). *Jigsaw Learning Model in Solving Student Character Problems (Journal in Indonesian)*. 1–8. <http://dx.doi.org/10.31219/osf.io/5qtye>
- Slamet, R., & Wahyuningsih, S. (2022). *Validity and Reliability of Job Satisfaction Instruments (Journal In Indonesian)*. *Aliansi : Jurnal Manajemen Dan Bisnis*, 17(2), 51–58. <https://doi.org/10.46975/aliansi.v17i2.428>

- Suarmini, N. P., & Parmiti, D. P. (2021). *Application of the Numbered Head Together (Nht) Cooperative Learning Model to Improve Science Learning Outcomes (In Indonesian)*. *Journal of Education Action Research*, 1(3), 271. <https://doi.org/10.23887/jear.v1i3.12691>
- Subhan, M., Estuhono, & Sentia, A. (2023). *The Influence of the Numbered-Heads Together Cooperative Learning Model on Class V Social Sciences Learning Outcomes at SDN09 Sitiung (Journal In Indonesian)*. *Innovative: Journal Of Social Science Research*, 3, 14495–14503. <https://j-innovative.org/index.php/Innovative/article/view/1665/1518>
- Sugiyono. (2019a). *Educational Research Methods (Quantitative, Qualitative, Combination, R&D and Educational Research) (In Indonesian)*. Alfabeta.
- Sugiyono. (2019b). *Quantitative, Quantitative, and R&D research methods (In Indonesian) (Sutopo (ed.); edisi kedu)*. Alfabeta.
- Sulistio, andi dan N. H. (2022). *Cooperative Learning Model Book (Book In Indonesian)*. *Book*, 2(1), 21–27. <https://doi.org/10.46244/visipena.v2i1.36>
- Supandi, Tanjung, R., & Ayu Dewanti, K. (2021). *Experimental Methods To Improve Student Learning Outcomes In Science Subject On The Sub-Subject Of Properties Light In Class V SD Qur'an Terpadu Nurul Islam Sub-District East Karawang (Journal In Indonesian)*. *Jurnal Tahsinia*, 2(1), 1–9. <https://doi.org/10.57171/jt.v2i1.286>
- Tuaputty, H., Leasa, M., Corebima, A. D., & Batlolona, J. R. (2021). *The Correlation Between Critical Thinking Skills And Cognitive Learning Outcomes*. *Elementary Education Online*, 20(1), 302–317. <https://doi.org/10.17051/ilkonline.2021.01.029>
- Usmadi, U. (2020). *Testing Analysis Requirements (Homogeneity Test and Normality Test) (Journal In Indonesian)*. *Inovasi Pendidikan*, 7(1), 50–62. <https://doi.org/10.31869/ip.v7i1.2281>
- Wahono, B., Lin, P. L., & Chang, C. Y. (2020). *Evidence of STEM enactment effectiveness in Asian student learning outcomes*. *International Journal of STEM Education*, 7(1), 1–18. <https://doi.org/10.1186/s40594-020-00236-1>