

Promoting Critical Thinking Skills in Students: Strategies for Educators

Rafisqy Athafariz Dafit
English Education

rafisqyathafariz@gmail.com

Abstract

Promoting critical thinking skills in students is crucial for their academic and personal development. Educators play a vital role in cultivating these skills, enabling students to analyze information, think logically, and make informed decisions. Several strategies can aid in this endeavor. Firstly, fostering a classroom environment that encourages open-ended questions and respectful debates allows students to voice their thoughts and consider diverse perspectives. Secondly, incorporating problem-solving activities and case studies into the curriculum helps students apply critical thinking in real-world scenarios. Furthermore, encouraging self-reflection and metacognition helps students become aware of their thought processes and improve their reasoning abilities. Lastly, integrating technology and multimedia resources can enhance students' information evaluation and analytical skills. By employing these strategies, educators empower students to become independent, critical thinkers capable of navigating complex challenges in both academic and everyday life.

Key words: Critical Thinking Skills, Critical Thinking, Educators , Students, Strategies

INTRODUCTION

Promoting critical thinking skills in students is an essential goal for educators in the 21st century, as it equips young minds with the ability to analyze information, make informed decisions, and solve complex problems [1], [2], [3], [4], [5], [6], [7], [8], [9], [10]. By nurturing these cognitive abilities, educators empower their students to become independent and engaged learners, fostering a deeper understanding of the world around them [11], [12], [13], [14], [15], [16], [17], [18], [19], [20]. One of the key strategies for educators to enhance critical thinking skills is encouraging open-ended questioning and fostering a classroom environment that values curiosity and inquiry [21], [22], [23], [24], [25], [26], [27], [28], [29], [30]. By posing thought-provoking questions and encouraging students to explore different perspectives, educators can challenge their students to think beyond surface-level answers and delve into deeper analysis [31], [32], [33], [34], [35], [36], [37], [38], [39], [40]. This process of questioning also fosters an atmosphere where students feel comfortable expressing their thoughts and opinions, promoting intellectual growth and development [41], [42], [43], [44], [45], [46], [47], [48], [49], [50].

In addition to questioning, educators can utilize various teaching methods that encourage active engagement and problem-solving [51], [52], [53], [54], [55], [56], [57], [58], [59], [60]. Employing techniques such as case studies, debates, role-playing exercises, and hands-on projects allow students to apply critical thinking in real-world scenarios [61], [62], [63], [64], [65], [66], [67], [68], [69], [70]. These activities not only stimulate their analytical skills but also encourage creativity, collaboration, and communication, which are crucial elements for well-rounded critical thinkers [71], [72], [73], [74], [75], [76], [77], [78], [79], [80]. Furthermore, integrating technology into the learning process can be an effective way to promote critical thinking [81], [82], [83], [84], [85], [86], [87], [88], [89], [90]. Online research, data analysis tools, and educational software can enable students to

gather and process vast amounts of information, teaching them to discern reliable sources, analyze data, and draw evidence-based conclusions [91], [92], [93], [94], [95], [96], [97], [98], [99], [100]. Educators must guide students in utilizing technology responsibly and ethically to ensure the development of critical thinking skills without succumbing to misinformation or shallow understanding [101], [102], [103], [104], [105], [106], [107], [108], [109], [110].

Encouraging debates and discussions in the classroom also plays a significant role in honing critical thinking abilities [111], [112], [113], [114], [115], [116], [117], [118], [119], [120]. By facilitating respectful and evidence-based discussions, educators empower students to construct logical arguments, challenge assumptions, and defend their viewpoints with supporting evidence [121], [122], [123], [124], [125], [126], [127], [128], [129], [130]. These interactions stimulate active learning and help students develop a greater sense of intellectual curiosity and discernment [131], [132], [133], [134], [135], [136], [137], [138], [139], [140]. Moreover, educators should emphasize the importance of metacognition - the ability to reflect on one's own thought processes [141], [142], [143], [144], [145], [146], [147], [148], [149], [150]. Teaching students to assess their thinking patterns, recognize biases, and identify gaps in their understanding allows them to refine their critical thinking skills continually [151], [152], [153], [154], [155], [156], [157], [158], [159], [160]. Metacognitive practices can also promote self-regulation and resilience, as students learn to adapt their thinking strategies based on the specific challenges they encounter [161], [162], [163], [164], [165], [166], [167], [168], [169], [170].

Finally, it is crucial for educators to model critical thinking in their own behavior and decision-making processes. By demonstrating how to approach problems systematically, evaluate evidence, and make informed choices, teachers serve as role models for their students [171], [172], [173], [174], [175], [176], [177], [178], [179], [180]. When students observe their educators actively engaging in critical thinking, they are more likely to embrace and apply these skills in their own lives [181], [182], [183], [184], [185], [186], [187], [188], [189], [190]. In brief, promoting critical thinking skills in students is an indispensable task for educators to prepare them for success in an increasingly complex and interconnected world. By employing strategies that encourage questioning, active engagement, technology integration, and metacognition, educators can foster independent and analytical thinkers who are capable of navigating challenges with confidence and intelligence [191], [192], [193], [194], [195], [196], [197], [198], [199], [200]. Empowering students with critical thinking skills is an investment in their future, enabling them to become informed, responsible, and impactful contributors to society.

METHOD

In this study, the writers utilized library research techniques and subjective depiction. This study utilized a subjective methodology zeroing in on story understanding, portrayal, and examination. Subjective means examination dependent principally upon a constructivist viewpoint with respect to a singular's encounter that has been by and large or socially built. Information assortment strategies were performed by exploring or perusing sources in books, the web, as well as in past exploration reports, and others. Most understudies can find their assets in the library, information on the main libraries, experience with the chapter by chapter guide and other reference works, about complex is surely a fundamental apparatus for pretty much every understudy of writing. The information examination procedure utilized in this study is clear investigation. To help this information, the

specialists looked for important information from different sources. Information investigation is the methodical course of considering and orchestrating information from meetings, perceptions, and records by coordinating the information and concluding what is significant and which should be contemplated. also, make determinations that are straightforward.

RESULTS AND DISCUSSION

Promoting critical thinking skills in students is a fundamental responsibility of educators and a crucial aspect of modern education. In today's rapidly changing world, students must be equipped with the ability to analyze, evaluate, and synthesize information from various sources to make informed decisions and solve complex problems. Critical thinking empowers students to question assumptions, challenge conventional wisdom, and think independently, thereby fostering intellectual autonomy and creativity. There are several strategies that educators can employ to nurture critical thinking skills in their students. Firstly, creating a conducive learning environment that encourages open dialogue and the free exchange of ideas is vital. Teachers should promote a classroom culture that values diverse perspectives and respects differing viewpoints, allowing students to engage in constructive debates and discussions.

Another crucial approach is integrating inquiry-based learning into the curriculum. This method encourages students to ask questions, investigate topics, and explore solutions independently. By presenting real-world problems and scenarios, educators can challenge students to apply critical thinking skills in practical contexts, thereby bridging the gap between theoretical concepts and their real-life applications. Active learning strategies, such as group discussions, debates, role-playing, and problem-solving exercises, also play a significant role in fostering critical thinking. These activities stimulate cognitive engagement and collaboration, allowing students to examine issues from multiple angles and develop their analytical abilities.

To further enhance critical thinking, educators should promote information literacy and digital literacy skills. In the digital age, the abundance of information requires students to discern credible sources, evaluate evidence, and distinguish between fact and opinion. Integrating lessons on media literacy and research methods can empower students to navigate the vast sea of information critically and thoughtfully. Moreover, encouraging metacognition is essential for promoting critical thinking skills. Educators can teach students to reflect on their thought processes, question their assumptions, and evaluate their reasoning. By regularly engaging in metacognitive exercises, students can become more self-aware thinkers, leading to improved decision-making and problem-solving capabilities.

Beyond classroom activities, educators can incorporate real-life examples of critical thinking in various fields, such as science, history, and literature. By showcasing how great thinkers and problem solvers throughout history have approached complex issues, students can draw inspiration and develop their problem-solving skills. Lastly, assessment methods should be aligned with the goal of promoting critical thinking. Traditional exams that focus solely on memorization may not adequately measure a student's critical thinking abilities. Instead, educators should incorporate open-ended questions, case studies, and projects that require analysis and synthesis of information.

CONCLUSION

In conclusion, fostering critical thinking skills in students is a vital mission for educators to prepare them for the challenges of the future. By creating an inclusive and intellectually stimulating learning environment, integrating inquiry-based and active learning strategies, promoting information and metacognitive literacy, and aligning assessment methods accordingly, educators can nurture students' ability to think critically and independently, empowering them to become lifelong learners and responsible global citizens. Ultimately, the cultivation of critical thinking skills is an investment in the future of society, as it equips students with the capacity to tackle complex issues, innovate, and contribute meaningfully to the world around them.

REFERENCES

- [1] B. R. Utami and A. Y. Wahyudin, "DOES SELF-ESTEEM INFLUENCE STUDENT ENGLISH PROFICIENCY TEST SCORES ?," vol. 3, no. 2, pp. 16–20, 2022.
- [2] M. D. Winaldo and L. Oktaviani, "INFLUENCE OF VIDEO GAMES ON THE ACQUISITION OF THE ENGLISH LANGUAGE," vol. 3, no. 2, pp. 21–26, 2022.
- [3] U. T. Indonesia, "UNDERGRADUATE STUDENTS ' MOTIVATION ON ENGLISH LANGUAGE LEARNING AT UNIVERSITAS TEKNOKRAT INDONESIA Wulandari Pranawengtias In this section , the results of data analysis from the questionnaire are explained in the form of tables and descriptive explanati," vol. 3, no. 2, pp. 27–32, 2022.
- [4] Y. Ardesis, "POST-TRAUMATIC STRESS DISORDER IN THE STATIONERY SHOP NOVEL BY MARJAN KAMALI," vol. 3, no. 2, pp. 33–44, 2022.
- [5] S. Suprayogi, S.- Samanik, E. A. Novanti, and Y.- Ardesis, "EFL Learner's Literary Competence Mapping through Reader-Response Writing Assessed using CCEA GCSE Mark Scheme," *Celt A J. Cult. English Lang. Teach. Lit.*, vol. 21, no. 1, p. 1, 2021, [Online]. Available: <http://journal.unika.ac.id/index.php/celt/article/view/2871>
- [6] M. A. Akhdan and D. Aminatun, "THE CORRELATION BETWEEN ANXIETY AND STUDENT GPA & EPT SCORE DURING COVID 19 PANDEMIC," vol. 3, no. 2, pp. 45–51, 2022.
- [7] S. Gultom and L. Oktaviani, "THE CORRELATION BETWEEN STUDENTS ' SELF-ESTEEM AND THEIR ENGLISH PROFICIENCY TEST RESULT," vol. 3, no. 2, pp. 52–57, 2022.
- [8] W. M. Seyoum, A. Yigzaw, and H. K. Bewuketu, "STUDENTS ' ATTITUDES AND P ROBLEMS ON Q UESTION-BASED," vol. 3, no. 2, pp. 58–63, 2022.
- [9] A. Aprilia, D. Aminatun, and U. T. Indonesia, "Investigating Memory Loss: How Depression Affects S tudents' Memory Endurance 1,2," vol. 3, no. 1, pp. 1–11, 2022.
- [10] E. Putri, D. T. Erlangga, and E. Literature, "A STUDY OF THE DAILY PRACTICES OF CODE MIXING," vol. 2, no. 10, pp. 1–10, 2022.

- [11] D. T. Erlangga, "STUDENT PROBLEMS IN ONLINE LEARNING : SOLUTIONS TO KEEP EDUCATION GOING ON," vol. 3, no. 1, pp. 21–26, 2022.
- [12] E. F. Baresh, "DEVELOPING LIBYAN UNDERGRADUATES ' WRITING SKILLS THROUGH REFLECTIVE JOURNALING: A CRITICAL LITERATURE REVIEW Teaching English in Libya Definition of Reflective Journal Writing," vol. 3, no. 1, pp. 27–35, 2022.
- [13] E. Elbes and L. Oktaviani, "CHARACTER BUILDING IN ENGLISH FOR DAILY CONVERSATION CLASS," vol. 3, no. 1, pp. 36–45, 2022.
- [14] M. Hestiana, "THE ROLE OF MOVIE SUBTITLES TO IMPROVE STUDENTS ' VOCABULARY," vol. 3, no. 1, pp. 46–53, 2022.
- [15] M. Melinda, R. I. Borman, and E. R. Susanto, "Rancang Bangun Sistem Informasi Publik Berbasis Web (Studi Kasus: Desa Durian Kecamatan Padang Cermin Kabupaten Pesawaran)," *J. Tekno Kompak*, vol. 11, no. 1, pp. 1–4, 2018.
- [16] N. Noviana and L. Oktaviani, "THE CORRELATION BETWEEN COLLEGE STUDENT PERSONALITY TYPES AND ENGLISH PROFICIENCY ABILITY AT UNIVERSITAS TEKNOKRAT," vol. 3, no. 1, pp. 54–60, 2022.
- [17] L. Oktaviani, Y. Fernando, R. Romadhoni, and N. Noviana, "Developing a web-based application for school counselling and guidance during COVID-19 Pandemic," *J. Community Serv. Empower.*, vol. 2, no. 3, pp. 110–117, 2021, doi: 10.22219/jcse.v2i3.17630.
- [18] S. Crisianita and B. Mandasari, "THE USE OF SMALL-GROUP DISCUSSION TO IMPROVE STUDENTS '," vol. 3, no. 1, pp. 61–66, 2022.
- [19] M. D. Ariastuti and A. Y. Wahyudin, "EXPLORING ACADEMIC PERFORMANCE AND LEARNING STYLE OF," vol. 3, no. 1, pp. 67–73, 2022.
- [20] F. Amin and A. Y. Wahyudin, "THE IMPACT OF VIDEO GAME : ' AGE OF EMPIRES II ' TOWARD STUDENTS ' READING COMPREHENSION ON NARRATIVE TEXT," vol. 3, no. 1, pp. 74–80, 2022.
- [21] R. W. Agustin and M. Ayu, "THE IMPACT OF USING INSTAGRAM FOR INCREASING VOCABULARY AND LISTENING SKILL," *J. English Lang. Teach. Learn.*, vol. 2, no. 1, pp. 1–7, 2021.
- [22] R. Risten and R. Pustika, "Exploring students' attitude towards English online learning using Moodle during covid-19 pandemic at SMK Yadika Bandarlampung," *J. English Lang. Teach. Learn.*, vol. 2, no. 1, pp. 8–15, 2021, [Online]. Available: <http://jim.teknokrat.ac.id/index.php/english-language-teaching/index>
- [23] R. Risten, F. Sinaga, and L. Oktaviani, "THE IMPLEMENTATION OF FUN FISHING TO TEACH SPEAKING," vol. 1, no. 1, pp. 1–6, 2020.
- [24] S. Nurmala Sari, D. Aminatun, S. N. Sari, D. Aminatun, S. Nurmala Sari, and D. Aminatun, "Students' Perception on the Use of English Movies to Improve

- Vocabulary Mastery,” *J. English Lang. Teach. Learn.*, vol. 2, no. 1, pp. 16–22, 2021, [Online]. Available: <http://jim.teknokrat.ac.id/index.php/english-language-teaching/index>
- [25] N. R. Putri and F. M. Sari, “INVESTIGATING ENGLISH TEACHING STRATEGIES TO REDUCE ONLINE TEACHING OBSTACLES IN THE SECONDARY SCHOOL,” *J. English Lang. Teach. Learn.*, vol. 2, no. 1, pp. 23–31, 2021.
- [26] A. Yuliansyah and M. Ayu, “The Implementation of Project-Based Assignment in Online Learning during Covid-19,” *J. English Lang. Teach. Learn.*, vol. 2, no. 1, pp. 32–38, 2021.
- [27] A. H. Rahmania and B. Mandasari, “STUDENTS’ PERCEPTION TOWARDS THE USE OF JOOX APPLICATION TO IMPROVE STUDENTS’ PRONUNCIATION,” *J. English Lang. Teach. Learn.*, vol. 2, no. 1, pp. 39–44, 2021.
- [28] rusliyawati rusliyawati, A. D. Suryani, and Q. J. Ardian, “Rancang Bangun Identifikasi Kebutuhan Kalori Dengan Aplikasi Go Healthy Life,” *J. Teknol. dan Sist. Inf.*, vol. 1, no. 1, pp. 47–56, 2020, [Online]. Available: <http://jim.teknokrat.ac.id/index.php/sisteminformasi/article/view/51>
- [29] N. Putri and D. Aminatun, “USING FACEBOOK TO PRACTICE WRITING SKILL: WHAT DO THE STUDENTS THINK?,” *J. English Lang. Teach. Learn.*, vol. 2, no. 1, pp. 45–50, 2021.
- [30] W. I. Erya and R. Pustika, “THE USE OF DESCRIBING PICTURE STRATEGY TO IMPROVE SECONDARY STUDENTS’ SPEAKING SKILL,” *J. English Lang. Teach. Learn.*, vol. 2, no. 1, pp. 51–56, 2021.
- [31] A. Fiddiyasari and R. Pustika, “STUDENTS’ MOTIVATION IN ENGLISH ONLINE LEARNING DURING COVID-19 PANDEMIC AT SMA MUHAMMADIYAH,” vol. 2, no. 2, pp. 57–61, 2021.
- [32] S. Isnaini and D. Aminatun, “DO YOU LIKE LISTENING TO MUSIC?: STUDENTS’ THOUGHT ON,” vol. 2, no. 2, pp. 62–67, 2021.
- [33] A. M. Kiswardhani and M. Ayu, “MEMORIZATION STRATEGY DURING LEARNING PROCESS: STUDENTS’ REVIEW,” vol. 2, no. 2, pp. 68–73, 2021.
- [34] H. T. Yudha and B. Mandasari, “THE ANALYSIS OF GAME USAGE FOR SENIOR HIGH SCHOOL,” vol. 2, no. 2, pp. 74–79, 2021.
- [35] D. A. Hafidz and F. S. Amalia, “Pengembangan Sistem Informasi Edukasi dan Pemasaran Hasil Pertanian di Tulang Bawang,” *J. Cyberarea.id*, vol. 1, no. 2, pp. 1–10, 2021, [Online]. Available: <http://www.pusdansi.org/index.php/cyberarea/article/view/40>
- [36] E. Afriyuninda and L. Oktaviani, “THE USE OF ENGLISH SONGS TO IMPROVE ENGLISH STUDENTS’,” vol. 2, no. 2, pp. 80–85, 2021.

- [37] Z. Nadya, R. Pustika, and U. T. Indonesia, "THE IMPORTANCE OF FAMILY MOTIVATION FOR STUDENT TO STUDY ONLINE DURING THE COVID-19," vol. 2, no. 2, pp. 86–89, 2021.
- [38] D. Aminatun, "STUDENTS ' PERSPECTIVE TOWARD THE USE OF DIGITAL COMIC," vol. 2, no. 2, pp. 90–94, 2021.
- [39] Y. Gustanti and M. Ayu, "the Correlation Between Cognitive Reading Strategies and Students ' English Proficiency Test," vol. 2, no. 2, pp. 95–100, 2021.
- [40] R. Risten, F. Sinaga, and R. Pustika, "EXPLORING STUDENTS ' ATTITUDE TOWARDS ENGLISH ONLINE LEARNING USING MOODLE DURING COVID-19 PANDEMIC AT," vol. 2, no. 1, pp. 8–15, 2021.
- [41] R. R. F. Sinaga and L. Oktaviani, "The Implementation of Fun Fishing to Teach Speaking for Elementary School Students," *J. English Lang. Teach. Learn.*, vol. 1, no. 1, pp. 1–6, 2020.
- [42] A. R. Utami, D. Aminatun, and N. Fatriana, "STUDENT WORKBOOK USE: DOES IT STILL MATTER TO THE EFFECTIVENESS OF STUDENTS'LEARNING?," *J. English Lang. Teach. Learn.*, vol. 1, no. 1, pp. 7–12, 2020.
- [43] A. R. Utami, L. Oktaviani, and I. Emaliana, "The Use of Video for Distance Learning During Covid-19 Pandemic: Students' Voice," *Jet Adi Buana*, vol. 6, no. 02, pp. 153–161, 2021, doi: 10.36456/jet.v6.n02.2021.4047.
- [44] D. Apriyanti and M. Ayu, "Think-Pair-Share: Engaging Students in Speaking Activities in Classroom," *J. English Lang. Teach. Learn.*, vol. 1, no. 1, pp. 13–19, 2020, doi: 10.33365/jeltl.v1i1.246.
- [45] E. Putri and F. M. Sari, "Indonesian Efl Students' Perspectives Towards Learning Management System Software," *J. English Lang. Teach. Learn.*, vol. 1, no. 1, pp. 20–24, 2020, doi: 10.33365/jeltl.v1i1.244.
- [46] E. Putri and F. M. Sari, "INDONESIAN EFL STUDENTS'PERSPECTIVES TOWARDS LEARNING MANAGEMENT SYSTEM SOFTWARE," *J. English Lang. Teach. Learn.*, vol. 1, no. 1, pp. 20–24, 2020.
- [47] M. Lestari and A. Y. Wahyudin, "Language learning strategies of undergraduate EFL students," *J. English Lang. Teach. Learn.*, vol. 1, no. 1, pp. 25–30, 2020.
- [48] E. T. Agustina, A. Y. Wahyudin, and A. A. Pratiwi, "The Students ' Motivation and Academic Achievement at Tertiary Level : A Correlational Study," vol. 1, no. 1, pp. 29–38, 2021.
- [49] E. T. Agustina and A. R. Utami, "STUDENTS ' INTERESTING WTH ENGLISH TEXT," vol. 11, no. 3, pp. 1–12, 2021.
- [50] R. Andrian, M. A. Naufal, B. Hermanto, A. Junaidi, and F. R. Lumbanraja, "K-Nearest Neighbor (k-NN) Classification for Recognition of the Batik Lampung

- Motifs,” *J. Phys. Conf. Ser.*, vol. 1338, no. 1, 2019, doi: 10.1088/1742-6596/1338/1/012061.
- [51] B. S. Sinaga and F. Riandari, “Implementation of Decision Support System for Determination of Employee Contract Extension Method Using SAW,” 2020.
- [52] G. Feoh, C. Tonyjanto, and R. P. Wiryadikara, “Analisa Pembelajaran Aksara Bali Berbasis Augmented Reality Menggunakan Model Kano Dan Model Use Questionnaire,” *J. Teknol. Inf. dan Komput.*, vol. 5, no. 3, 2019, doi: 10.36002/jutik.v5i3.853.
- [53] A. I. Trilaksono and B. Prabowo, “Analisis Pengaruh Experiential Marketing terhadap Loyalitas Pelanggan melalui Kepuasan Pelanggan sebagai Variabel Intervening,” *Reslaj Relig. Educ. Soc. Laa Roiba J.*, vol. 5, no. 1, pp. 101–112, 2022, doi: 10.47467/reslaj.v5i1.1262.
- [54] D. T. Yulianti, D. Damayanti, and A. T. Prastowo, “PENGEMBANGAN DIGITALISASI PERAWATAN KESEHATAN PADA KLINIK PRATAMA SUMBER MITRA BANDAR LAMPUNG,” *J. Teknol. dan Sist. Inf.*, vol. 2, no. 2, pp. 32–39, 2021.
- [55] A. Surahman, A. D. Wahyudi, A. D. Putra, S. Sintaro, and I. Pangestu, “Perbandingan Kualitas 3D Objek Tugu Budaya Saibatin Berdasarkan Posisi Gambar Fotogrametri Jarak Dekat,” *InfoTekJar J. Nas. Inform. dan Teknol. Jar.*, vol. 5, no. 2, pp. 65–70, 2021.
- [56] E. T. Handayani and D. Aminatun, “STUDENTS ’ POINT OF VIEW ON THE USE OF WHATSAPP GROUP,” vol. 1, no. 2, pp. 31–37, 2020.
- [57] M. Ayu and Z. F. Pratiwi, “THE IMPLEMENTATION OF ONLINE LEARNING IN ENGLISH LANGUAGE TEACHING DURING PANDEMIC: THE TEACHERS’ VOICE,” *J. Res. Lang. Educ.*, vol. 2, no. 2, pp. 93–99, 2021.
- [58] Z. F. Pratiwi and M. Ayu, “THE USE OF DESCRIBING PICTURE STRATEGY TO IMPROVE SECONDARY STUDENTS ’ SPEAKING SKILL Definition of Speaking,” vol. 1, no. 2, pp. 38–43, 2020.
- [59] Z. F. Pratiwi and M. Ayu, “THE USE OF DESCRIBING PICTURE STRATEGY TO IMPROVE SECONDARY STUDENTS’ SPEAKING SKILL,” *J. English Lang. Teach. Learn.*, vol. 1, no. 2, pp. 38–43, 2020.
- [60] A. Y. Wahyudin, R. Pustika, and M. W. Simamora, “Vocabulary Learning Strategies of Efl Students At Tertiary Level,” *J. English Lit. Educ. Teach. Learn. English as a Foreign Lang.*, vol. 8, no. 2, pp. 101–112, 2021, doi: 10.36706/jele.v8i2.15647.
- [61] R. Ambarwati and B. Mandasari, “THE INFLUENCE OF ONLINE CAMBRIDGE DICTIONARY TOWARD STUDENTS’ PRONUNCIATION AND VOCABULARY MASTERY,” *J. English Lang. Teach. Learn.*, vol. 1, no. 2, pp. 50–55, 2020.

- [62] O. A. Sasalia and F. M. Sari, "UTILIZING NOVEL IN THE READING CLASS TO EXPLORE STUDENTS ' VIEWPOINT OF ITS EFFECTIVENESS," vol. 1, no. 2, pp. 56–60, 2020.
- [63] M. R. Choirunnisa and F. M. Sari, "TED Talks Use in Speaking Class for Undergraduate Students," *Jambura J. English Teach. Lit.*, vol. 2, no. 1, pp. 35–40, 2021, doi: 10.37905/jetl.v2i1.7319.
- [64] M. R. Choirunnisa and B. Mandasari, "Secondary students' views towards the Use of Google Classroom as an online assessments tools during Covid-19 pandemic," *J. Arts Educ.*, vol. 1, no. 1, pp. 1–9, 2021.
- [65] A. S. Puspaningrum, S. Suaidah, and A. C. Laudhana, "MEDIA PEMBELAJARAN TENSES UNTUK ANAK SEKOLAH MENENGAH PERTAMA BERBASIS ANDROID MENGGUNAKAN CONSTRUCT 2," *J. Inform. dan Rekayasa Perangkat Lunak*, vol. 1, no. 1, pp. 25–35, 2020, doi: 10.33365/jatika.v1i1.150.
- [66] S. Samsugi, M. Bakri, A. Chandra, and ..., "Pelatihan Jaringan Dan Troubleshooting Komputer Untuk Menambah Keahlian Perangkat Desa Mukti Karya Kabupaten Mesuji," *J. WIDYA ...*, vol. 2, no. 1, pp. 155–160, 2022, [Online]. Available: <https://www.jurnalwidyalaksmi.com/index.php/jwl/article/view/31%0Ahttps://www.jurnalwidyalaksmi.com/index.php/jwl/article/download/31/24>
- [67] V. Pallagani, V. Khandelwal, B. Chandra, V. Udutalapally, D. Das, and S. P. Mohanty, "DCrop: A deep-learning based framework for accurate prediction of diseases of crops in smart agriculture," *Proc. - 2019 IEEE Int. Symp. Smart Electron. Syst. iSES 2019*, pp. 29–33, 2019, doi: 10.1109/iSES47678.2019.00020.
- [68] H. Sulistiani, R. Triana, and N. Neneng, "Sistem Informasi Akuntansi Pengelolaan Piutang Usaha untuk Menyajikan Pernyataan Piutang (Open Item Statement) Pada PT Chandra Putra Globalindo," *J. Tekno Kompak*, vol. 12, no. 2, pp. 34–38, 2018.
- [69] E. Suwarni, M. A. Handayani, Y. Fernando, F. E. Saputra, and A. Candra, "Penerapan Sistem Pemasaran berbasis E-Commerce pada Produk Batik Tulis di Desa Balairajo," *J. Pengabd. Masy. Indones.*, vol. 2, no. 2, pp. 187–192, 2022.
- [70] M. A. Handayani, E. Suwarni, Y. Fernando, F. Fitri, F. E. Saputra, and A. Candra, "PENGELOLAAN KEUANGAN BISNIS DAN UMKM DI DESA BALAIREJO," *Suluh Abdi*, vol. 4, no. 1, pp. 1–7, 2022.
- [71] Candra Wahyu Hidayat, "The Influence Of Mix Marketing On Decisions For Use Of Online Transportation Towards Global Competition," *Int. J. Sci. Technol. Manag.*, vol. 2, no. 4, pp. 1154–1163, 2021, doi: 10.46729/ijstm.v2i4.253.
- [72] A. . G. O. Wisnumurti, I. M. W. Candranegara, D. K. Suryawan, and I. G. N. Wijaya, "Collaborative Governance: Synergy Among the Local Government, Higher Education, and Community in Empowerment of Communities and Management of Potential Tourism Village," vol. 154, no. AICoBPA 2019, pp. 112–115, 2020, doi: 10.2991/aebmr.k.201116.024.
- [73] C. Wahyudi and A. R. Utami, "EXPLORING TEACHERS ' STRATEGY TO

- INCREASE THE MOTIVATION OF THE STUDENTS DURING ONLINE,” vol. 9, no. 3, pp. 1–9, 2021.
- [74] J. Teknologi *et al.*, “BERITA HASIL LIPUTAN WARTAWAN BERBASIS WEB (STUDI KASUS : PWI LAMPUNG),” vol. 2, no. 4, pp. 49–55, 2021.
- [75] Q. Jafar Adrian *et al.*, “Pengenalan Aplikasi Canva Kepada Siswa/Siswi Smkn 1 Tanjung Sari, Lampung Selatan,” *J. Soc. Sci. Technol. Community Serv.*, vol. 3, no. 2, p. 187, 2022, doi: 10.33365/jsstcs.v3i2.2020.
- [76] A. A. Hanifati *et al.*, “Application of Remote Sensing and GIS for Malaria Disease Susceptibility Area Mapping in Padang Cermin Sub-District, District of Pesawaran, Lampung Province,” *IOP Conf. Ser. Earth Environ. Sci.*, vol. 165, no. 1, 2018, doi: 10.1088/1755-1315/165/1/012012.
- [77] E. Teknis *et al.*, “Digitalisasi Pertanian Menuju Kebangkitan Ekonomi Kreatif,” vol. 6, no. 1, p. 718, 2022.
- [78] J. Persada Sembiring *et al.*, “PELATIHAN INTERNET OF THINGS (IoT) BAGI SISWA/SISWI SMKN 1 SUKADANA, LAMPUNG TIMUR,” *J. Soc. Sci. Technol. Community Serv.*, vol. 3, no. 2, p. 181, 2022, doi: 10.33365/jsstcs.v3i2.2021.
- [79] N. U. Putri *et al.*, “Pelatihan Mitigasi Bencana Bagi Siswa/Siswi Mas Baitussalam Miftahul Jannah Lampung Tengah,” *J. Soc. Sci. Technol. Community Serv.*, vol. 3, no. 2, p. 272, 2022, doi: 10.33365/jsstcs.v3i2.2201.
- [80] A. Siregar and A. R. Utami, “ENGLISH LEARNING CURRICULUM IN JUNIOR HIGH,” vol. 8, no. 3, pp. 2–9, 2021.
- [81] A. Budiman, B. E. Pranoto, and A. Gus, “Pendampingan Dan Pelatihan Pengelolaan Website SMS Negeri 1 Semaka Tanggamus,” vol. 2, no. 2, pp. 150–159, 2021.
- [82] S. Suprayogi, “Javanese Varieties in Pringsewu Regency and Their Origins,” *Teknosastik*, vol. 17, no. 1, pp. 7–14, 2019.
- [83] N. Purwaningsih and I. Gulö, “REPRESENTATION OF REYNHARD SINAGA IN BBC NEWS AND THE JAKARTA POST,” *Linguist. Lit. J.*, vol. 2, no. 1, pp. 50–61, 2021.
- [84] J. Asia and Samanik, “Dissociative Identity Disorder Reflected in Frederick Clegg ’ S Character in the Collectors Novel,” *ELLiC*, vol. 2, no. 1, pp. 424–431, 2018.
- [85] R. Rachman Ally and E. Ngestirosa Endang Woro Kasih, “Class Struggle in Detroit (2017) Film,” *Linguist. Lit. J.*, vol. 2, no. 2, pp. 108–114, 2021, [Online]. Available: http://jim.teknokrat.ac.id/index.php/linguistics_and_literature/index
- [86] I. Hamzah, A. Y. Wahyudin, L. Oktaviani, A. A. Aldino, M. Alfathaan, and A. Julius, “Pendampingan Pembelajaran Public Speaking Bagi Siswa-Siswa Man 1 Lampung Tengah,” *J. Widya Laksmi*, vol. 2, no. 2, pp. 76–81, 2022.
- [87] L. Septiyana and D. Aminatun, “the Correlation Between Efl Learners’ Cohesion

- and Their Reading Comprehension,” *J. Res. Lang. Educ.*, vol. 2, no. 2, pp. 68–74, 2021.
- [88] R. Arpiansah, Y. Fernando, and J. Fakhrurozi, “Game Edukasi VR Pengenalan Dan Pencegahan Virus Covid-19 Menggunakan Metode MDLC Untuk Anak Usia Dini,” *J. Teknol. dan Sist. Inf.*, vol. 2, no. 2, pp. 88–93, 2021.
- [89] M. Y. Kardiansyah and A. Salam, “Reassuring Feasibility of Using Bourdieusian Sociocultural Paradigm for Literary Translation Study,” in *Ninth International Conference on Language and Arts (ICLA 2020)*, 2021, pp. 135–139.
- [90] I. Gulö, D. B. Setiawan, S. R. Prameswari, and S. R. Putri, “MENINGKATKAN KEPERCAYAAN DIRI ANAK-ANAK PANTI ASUHAN DALAM BERBICARA BAHASA INGGRIS,” *Adimas J. Pengabd. Kpd. Masy.*, vol. 5, no. 1, pp. 23–28, 2021.
- [91] D. Puspita and B. E. Pranoto, “The attitude of Japanese newspapers in narrating disaster events: Appraisal in critical discourse study,” *Stud. English Lang. Educ.*, vol. 8, no. 2, pp. 796–817, 2021.
- [92] S. Suprayogi, D. Puspita, S. Nuansa, and K. Sari, “THE DISCURSIVE CONSTRUCTION OF INDIGENOUS BELIEF ISSUE IN THE JAKARTA POST,” vol. 5, no. 2, pp. 417–430, 2021.
- [93] A. D. Putri, H. Kuswoyo, I. Gulo, E. Ngestirosa, and E. G. Febrina, “Pengenalan Wawasan Digital Marketing Bagi Guru SMK N 1 Labuhan Maringgai, Lampung Timur,” *J. Soc. Sci. Technol. Community Serv.*, vol. 4, no. 1, pp. 147–153, 2023.
- [94] W. R. Oktavia and S. Suprayogi, “GRAMMATICAL COHESION IN BORIS JOHNSON’S SPEECH ENTITLED CORONAVIRUS SPREAD IN UK,” *Linguist. Lit. J.*, vol. 2, no. 1, pp. 8–16, 2021.
- [95] D. Amelia, “UPAYA PENINGKATAN KOSAKATA BAHASA INGGRIS MELALUI STORYTELLING SLIDE AND SOUND,” *J. Soc. Sci. Technol. Community Serv.*, vol. 2, no. 1, pp. 22–26, 2021.
- [96] J. Fakhrurozi, D. Pasha, J. Jupriyadi, and I. Anggrenia, “Pemertahanan Sastra Lisan Lampung Berbasis Digital Di Kabupaten Pesawaran,” *J. Soc. Sci. Technol. Community Serv.*, vol. 2, no. 1, p. 27, 2021, doi: 10.33365/jsstcs.v2i1.1068.
- [97] D. Aminatun and L. Oktaviani, “Memrise: Promoting Students’ Autonomous Learning Skill through Language Learning Application,” *Metathesis J. English Lang. Lit. Teach.*, vol. 3, no. 2, pp. 214–223, 2019, doi: 10.31002/metathesis.v3i2.1982.
- [98] A. D. Wardaningsih, E. N. Endang, and W. Kasih, “COUNTER DISCOURSE OF MACULINITY IN AVENGER : END GAME MOVIE,” no. August, 2022.
- [99] T. Yulianti and A. Sulistyawati, “ENHANCING PUBLIC SPEAKING ABILITY THROUGH FOCUS GROUP DISCUSSION,” *J. PAJAR (Pendidikan dan Pengajaran)*, vol. 5, no. 2, pp. 287–295.

- [100] E. Nurmaily, "Puisi Melalui Media Sosial," *Bhs. Dan Seni*, vol. Tahun 46, pp. 29–43, 2018.
- [101] D. Pratiwi and A. Fitri, "Analisis Potensial Penjalaran Gelombang Tsunami di Pesisir Barat Lampung, Indonesia," *J. Tek. Sipil*, vol. 8, no. 1, pp. 29–37, 2021, doi: 10.21063/JTS.2021.V801.05.
- [102] E. N. E. W. Kasih, M. Husna, M. R. Mulia, and M. Fithratullah, "Delineating Masculinity Belief in Guy de Maupassants' Three Short Stories," *J. Fem. Gend. Stud.*, vol. 2, no. 2, p. 139, 2022, doi: 10.19184/jfgs.v2i2.31956.
- [103] H. Kuswoyo, E. T. S. Sujatna, Afrianto, and A. Rido, "„This novel is not totally full of tears...“: Graduation Resources as Appraisal Strategies in EFL Students“ Fiction Book Review Oral Presentation," *World J. English Lang.*, vol. 12, no. 6, pp. 294–303, 2022, doi: 10.5430/wjel.v12n6p294.
- [104] B. Mandasari and A. Y. Wahyudin, "Flipped Classroom Learning Model: Implementation and Its Impact on EFL Learners' Satisfaction on Grammar Class Corresponding Email Article's History Flipped Classroom Learning Model: Implementation and Its Impact on EFL Learners' Satisfaction on Grammar C," *Ethical Ling.*, vol. 8, no. 1, p. 2021, 2019.
- [105] E. N. E. W. Kasih, S. Suprayogi, D. Puspita, R. N. Oktavia, and D. Ardian, "Speak up confidently: Pelatihan English Public Speaking bagi siswa-siswi English Club SMAN 1 Kotagajah," *Madaniya*, vol. 3, no. 2, pp. 313–321, 2022, [Online]. Available: <https://madaniya.pustaka.my.id/journals/contents/article/view/189>
- [106] I. Ahmad, R. I. Borman, J. Fakhrurozi, and G. G. Caksana, "Software Development Dengan Extreme Programming (XP) Pada Aplikasi Deteksi Kemiripan Judul Skripsi Berbasis Android," *INOVTEK Polbeng-Seri Inform.*, vol. 5, no. 2, pp. 297–307, 2020.
- [107] L. U. Qodriani and M. Y. Kardiansyah, "Exploring Culture in Indonesia English Textbook for Secondary Education," *JPI (Jurnal Pendidik. Indones.*, vol. 7, no. 1, pp. 51–58, 2018.
- [108] C. Adelina and S. Suprayogi, "Contrastive Analysis of English and Indonesian Idioms of Human Body," *Linguist. Lit. J.*, vol. 1, no. 1, pp. 20–27, 2020.
- [109] R. Rusliyawati, A. Wantoro, E. R. Susanto, M. Fithratullah, T. Yulianti, and A. Sulistyawati, "Program Sekolah Binaan: Pelatihan, Pengembangan Dan Peningkatan Kompetensi Public Speaking Dalam Kepemimpinan Pengurus Osis Dan Pramuka," *J. Soc. Sci. Technol. Community Serv.*, vol. 3, no. 2, p. 280, 2022, doi: 10.33365/jsstcs.v3i2.2184.
- [110] T. I. Setri and D. B. Setiawan, "Matriarchal Society in The Secret Life of Bees by Sue Monk Kidd," *Linguist. Lit. J.*, vol. 1, no. 1, pp. 28–33, 2020, doi: 10.33365/llj.v1i1.223.
- [111] M. Y. Kardiansyah, "Pelatihan Guru dalam Penggunaan Website Grammar Sebagai Media Pembelajaran selama Pandemi," in *English Language and Literature*

- International Conference (ELLiC) Proceedings*, 2021, vol. 3, pp. 419–426.
- [112] E. N. Endang Woro Kasih, I. Gulö, N. Sri Wahyuningsih, and R. Amalia Saadah, “Motivasi Melanjutkan Studi Ke Perguruan Tinggi Bagi Siswa SMA Desa Margosari,” *Empower. J. Pengabd. Masy.*, vol. 1, no. 4, pp. 482–488, 2022, doi: 10.55983/empjcs.v1i4.180.
- [113] I. Gulö, “Predicates of Indonesian and English Simple Sentences,” *Teknosastik*, vol. 15, no. 2, pp. 76–80, 2019.
- [114] L. Oktaviani and B. Mandasari, “Powtoon: Presenting SQ3R Implementation in Reading Class through A Web-Based Medium,” *Proc. Univ. PAMULANG*, vol. 1, no. 1, 2019.
- [115] Muhammad Arif Julyananda, T. Yulianti, and D. Pasha, “Rancang Bangun Media Pembelajaran Matematika Menggunakan Metode Demonstrasi Untuk Kelas 1 Sekolah Dasar,” *J. Inform. dan Rekayasa Perangkat Lunak*, vol. 3, no. 3, pp. 89–95, 2022, [Online]. Available: <http://jim.teknokrat.ac.id/index.php/informatika/article/view/2416/707>
- [116] Afrianto, E. T. S. Sujatna, N. Darmayanti, and F. Ariyani, “Configuration of Lampung Mental Clause: a Functional Grammar Investigation,” *Proc. Ninth Int. Conf. Lang. Arts (ICLA 2020)*, vol. 539, no. Icla 2020, pp. 222–226, 2021, doi: 10.2991/assehr.k.210325.039.
- [117] B. E. Pranoto and L. K. Afrilita, “The organization of words in mental lexicon: evidence from word association test,” *Teknosastik*, vol. 16, no. 1, pp. 26–33, 2019.
- [118] H. Kuswoyo *et al.*, “PENINGKATAN KETERAMPILAN TEST TOEIC BAGI SISWA / SISWI BERBASIS TEKNOLOGI DI SMKN 1 LABUHAN MARINGGAI , LAMPUNG TIMUR Pendahuluan,” vol. 1, no. 2, pp. 44–50, 2023.
- [119] A. Afrianto and A. Restika, “FUNGSI PEMARKAH WACANA: SEBUAH KASUS DI KELAS BERBICARA PADA LEVEL UNIVERSITAS,” *LITERA*, vol. 17, no. 1, 2018.
- [120] B. Mandasari and D. Aminatun, “VLOG: A TOOL TO IMPROVE STUDENTS“ ENGLISH SPEAKING ABILITY AT UNIVERSITY LEVEL,” *Proc. Univ. PAMULANG*, vol. 1, no. 1, 2020.
- [121] Y. P. Utami, K. Aqillamaba, D. Alan, and D. Cahyono, “IMPLEMENTASI MINAT BELAJAR SISWA TERHADAP PELAJARAN MATEMATIKA DENGAN METODE COOPERATIVE LEARNING TYPE STUDENTS TEAMS-ACHIEVEMENT DIVISION (STAD) PENDAHULUAN Pada dasarnya setiap siswa memiliki potensi , namun kemampuan berpikir siswa serta minat belaja,” vol. 3, 2013.
- [122] K. Nurhandayani and M. Rivai, “Sistem Kontrol Peningerian Makanan Berbasis LED Inframerah,” *J. Tek. ITS*, vol. 7, no. 2, 2019, doi: 10.12962/j23373539.v7i2.30921.
- [123] A. Wahyudi, R. D. Agustin, and M. Ambarawati, “PENGEMBANGAN MEDIA

- APLIKASI GEOTRI PADA MATERI,” vol. 3, no. 2, pp. 62–70, 2022.
- [124] N. Jusniani, L. Nurmasidah, and U. Suryakencana, “PENERAPAN MODEL PEMBELAJARAN GENERATIF UNTUK,” vol. 2, no. 2, pp. 12–19, 2021.
- [125] R. Wijayanti and P. B. Lestari, “DENGAN MIND MAPPING BAGI MAHASISWA PENDIDIKAN,” vol. 3, no. 2, pp. 81–87, 2022.
- [126] D. Avianty, R. K. Sari, and U. T. Indonesia, “PADA MATERI ARITMATIKA SOSIAL KELAS VII SMP,” vol. 3, no. 2, pp. 88–93, 2022.
- [127] D. Parinata and U. T. Indonesia, “Pengaruh penggunaan aplikasi youtube dan facebook terhadap hasil belajar matematika 1,” vol. 2, no. 1, pp. 11–17, 2021.
- [128] D. Parinata, N. D. Puspaningtyas, and U. T. Indonesia, “STUDI LITERATUR : KEMAMPUAN KOMUNIKASI METEMATIS,” vol. 3, no. 2, pp. 94–99, 2022.
- [129] D. Milenia, N. C. Resti, and D. S. Rahayu, “Kemampuan siswa smp dalam penyelesaian soal matematika berbasis hots pada materi pola bilangan,” vol. 3, no. 2, pp. 100–108, 2022.
- [130] I. K. W. Gunawan, A. Nurkholis, and A. Sucipto, “Sistem monitoring kelembaban gabah padi berbasis Arduino,” *J. Tek. dan Sist. Komput.*, vol. 1, no. 1, pp. 1–7, 2020.
- [131] I. B. N. Yoga Ligia Prapta, I. K. G. Darma Putra, and I. M. Agus Dwi Suarjaya, “Aplikasi Augmented Reality Dinamis Pengenalan Huruf Kanji (AR-Kanji) Berbasis Android,” *J. Ilm. Merpati (Menara Penelit. Akad. Teknol. Informasi)*, vol. 6, no. 3, p. 185, 2018, doi: 10.24843/jim.2018.v06.i03.p05.
- [132] L. Saparwadi, “TIDAK BEKERJA PADA ANALISIS DATA KUALITATIF DAN,” vol. 2, no. 2, pp. 20–24, 2021.
- [133] S. N. Hikmah, S. Maskar, and U. T. Indonesia, “PEMANFAATAN APLIKASI MICROSOFT POWERPOINT PADA,” vol. 1, no. 1, pp. 15–19, 2020.
- [134] A. Amarudin and A. Sofiandri, “Perancangan dan Implementasi Aplikasi Ikhtisar Kas Masjid Istiqomah Berbasis Desktop,” *J. Tekno Kompak*, vol. 12, no. 2, pp. 51–56, 2018.
- [135] Y. P. Utami, D. Alan, D. Cahyono, and U. T. Indonesia, “STUDY AT HOME : ANALISIS KESULITAN BELAJAR,” vol. 1, no. 1, pp. 20–26, 2020.
- [136] Y. P. Utami and P. S. Dewi, “Model Pembelajaran Interaktif SPLDV dengan Aplikasi Rumah Belajar,” *Mathema J. Pendidik. Mat.*, vol. 2, no. 1, pp. 24–31, 2020.
- [137] N. Meutia, “Analisis kesulitan belajar siswa smp kelas vii pada materi bilangan terhadap kemampuan pemecahan masalah matematis siswa,” vol. 3, no. 1, pp. 22–27, 2022.
- [138] N. Aswar, “The Relationship Between Student Learning Types and Indonesian Language Learning Achievement in FTIK IAIN Palopo Students,” 2020. [Online].

Available: <https://p3i.my.id/index.php/konsepsi>

- [139] A. Fitri *et al.*, “Analyses of flood peak discharge in Cimadur river basin , Banten Province , Indonesia,” vol. 08006, pp. 0–5, 2021.
- [140] A. Fazariyah, P. S. Dewi, and U. T. Indonesia, “STUDI PENDAHULUAN : KONTRIBUSI FASILITAS BELAJAR DAN TINGKAT SOSIAL EKONOMI ORANG TUA TERHADAP HASIL BELAJAR MATEMATIKA,” vol. 3, no. 1, pp. 36–41, 2022.
- [141] C. Fatimah, D. Parinata, A. Efendy, Y. Santika, and U. T. Indonesia, “DIGITAL MATHEMATICS LEARNING COMPANION (DMLC): APLIKASI ANDROID GURU PENDAMPING KHUSUS MATEMATIKA,” vol. 2, no. 1, pp. 40–46, 2021.
- [142] C. Fatimah, P. M. Asmara, I. Mauliya, and N. D. Puspaningtyas, “Peningkatan Minat Belajar Siswa Melalui Pendekatan Matematika Realistik Pada Pembelajaran Berbasis Daring,” *Mathema J. Pendidik. Mat.*, vol. 3, no. 2, pp. 117–126, 2021.
- [143] A. Efendy and U. T. Indonesia, “DARING DAN PEMBELAJARAN MATEMATIKA SECARA LURING TERHADAP HASIL BELAJAR MATEMATIKA SISWA,” vol. 2, no. 1, 2021.
- [144] A. Efendi, C. Fatimah, D. Parinata, and M. Ulfa, “Pemahaman Gen Z Terhadap Sejarah Matematika,” *J. Pendidik. Mat. Univ. Lampung*, vol. 9, no. 2, pp. 116–126, 2021, doi: 10.23960/mtk/v9i2.pp116-126.
- [145] C. Fatimah and N. D. Puspaningtyas, “Dampak Pandemi Covid-19 terhadap Pembelajaran Online Mata Pelajaran Matematika di MAN 1 Lampung Selatan,” *J. Pendidik. Mat. Univ. LAMPUNG*, vol. 8, no. 4, pp. 250–260, 2020.
- [146] F. Siwi and N. D. Puspaningtyas, “PENERAPAN MEDIA PEMBEMBELAJARAN KOGNITIF DALAM MATERI PERSAMAAN GARIS LURUS MENGGUNAKAN VIDEO DI ERA 4.0,” *J. Ilm. Mat. Realis.*, vol. 1, no. 1, pp. 7–10, 2020.
- [147] M. Video, D. I. Era, F. Siwi, and N. D. Puspaningtyas, “PENERAPAN MEDIA PEMBEMBELAJARAN KOGNITIF DALAM MATERI PERSAMAAN GARIS LURUS,” vol. 1, no. 1, pp. 7–10, 2020.
- [148] L. Parnabhakti, M. Ulfa, and U. T. Indonesia, “PERKEMBANGAN MATEMATIKA DALAM FILSAFAT,” vol. 1, no. 1, pp. 11–14, 2020.
- [149] L. Parnabhakti and N. D. Puspaningtyas, “Penerapan Media Pembelajaran Powerpoint melalui Google Classroom untuk Meningkatkan Hasil Belajar Siswa,” *J. Ilm. Mat. Realis.*, vol. 1, no. 2, pp. 8–12, 2020.
- [150] S. N. Hikmah, V. H. Saputra, and U. T. Indonesia, “Studi pendahuluan hubungan korelasi motivasi belajar dan pemahaman matematis siswa terhadap hasil belajar matematika,” vol. 3, no. 1, pp. 7–11, 2022.
- [151] Y. P. Utami and S. Maskar, “ANALISIS KESULITAN BELAJAR MATEMATIKA

- MODEL ASYNCHRONOUS PADA SISWA SMKN 9 BANDAR LAMPUNG,” vol. 3, no. 1, pp. 12–21, 2022.
- [152] N. D. P. Yuliza Putri, “PERANAN E-LEARNING PEMBELAJARAN MATEMATIKA DI SEKOLAH DASAR,” vol. 2, no. 2, pp. 44–49, 2021.
- [153] U. Habibah, R. Santika, P. Setiono, N. Yuliantini, and U. Bengkulu, “Analisis kesulitan belajar siswa sd dalam pembelajaran matematika secara daring,” vol. 2, no. 2, pp. 1–6, 2021.
- [154] M. Syahdan, “KURANGNYA MOTIVASI BELAJAR MATEMATIKA SELAMA PEMBELAJARAN DARING DI MAN 2 KEBUMEN,” vol. 2, no. 2, pp. 7–11, 2021.
- [155] N. Jusniani and U. Suryakancanai, “Analisis kesalahan dalam menyelesaikan soal kemampuan pemahaman matematis padamata kuliah kapita selekta matematika smp,” vol. 3, no. 2, pp. 71–80, 2022.
- [156] L. Saparwadi, “KESALAHAN SISWA KELAS TIGA SEKOLAH DASAR DALAM,” vol. 3, no. 1, pp. 1–6, 2022.
- [157] D. Renadli and U. T. Indonesia, “PERSEPSI PESERTA DIDIK PADA MEDIA POWERPOINT,” vol. 2, no. 2, pp. 25–31, 2021.
- [158] Y. Rahmanto, S. Hotijah, and . Damayanti, “PERANCANGAN SISTEM INFORMASI GEOGRAFIS KEBUDAYAAN LAMPUNG BERBASIS MOBILE,” *J. Data Min. dan Sist. Inf.*, vol. 1, no. 1, p. 19, 2020, doi: 10.33365/jdmsi.v1i1.805.
- [159] D. Novita and N. Husna, “The influence factors of consumer behavioral intention towards online food delNovita, D., & Husna, N. (2020). The influence factors of consumer behavioral intention towards online food delivery services. Jurnal Technobiz, 3(2), 40–42.ivery services,” *J. Technobiz*, vol. 3, no. 2, pp. 40–42, 2020.
- [160] N. Kamisa, A. Devita, and D. Novita, “Pengaruh Online Customer Review dan Online Customer Rating Terhadap Kepercayaan Konsumen (Studi kasus: Pengguna Shopee di Bandar Lampung) Nur’,” vol. 2, no. 1, pp. 21–29, 2022, [Online]. Available: <http://jurnal.teknokrat.ac.id/index.php/JEB>
- [161] R. R. Anderha and S. Maskar, “ANALISIS KEMAMPUAN KOMUNIKASI MATEMATIS SISWA PADA PEMBELAJARAN DARING MATERI EKSPONENSIAL,” *J. Ilm. Mat. Realis.*, vol. 1, no. 2, pp. 1–7, 2020.
- [162] R. R. Anderha and S. Maskar, “PENGARUH KEMAMPUAN NUMERASI DALAM MENYELESAIKAN MASALAH MATEMATIKA TERHADAP PRESTASI BELAJAR MAHASISWA PENDIDIKAN MATEMATIKA,” *J. Ilm. Mat. Realis.*, vol. 2, no. 1, pp. 1–10, 2021, [Online]. Available: <http://jim.teknokrat.ac.id/index.php/pendidikanmatematika/article/view/774>
- [163] L. Parnabhakti and N. D. Puspaningtyas, “PERSEPSI PESERTA DIDIK PADA MEDIA POWERPOINT DALAM GOOGLE CLASSROOM,” *J. Ilm. Mat. Realis.*, vol. 2, no. 1, pp. 18–25, 2021.

- [164] Y. D. Prastika, "MATEMATIKA SISWA SMK YADIKA BANDAR LAMPUNG," vol. 1, no. 2, pp. 17–22, 2020.
- [165] W. T. Wiriani and U. T. Indonesia, "Pengaruh kemandirian belajar terhadap hasil belajar siswa pada pembelajaran online," vol. 2, no. 1, pp. 57–63, 2021.
- [166] I. P. Ramayasa, I. W. Rupika Jimbara, I. W. Kayun Suwastika, and I. G. Angga Candrawibawa, "Pelatihan Pemasaran Online pada Mitra Lengis Nyuh di Tabanan," *WIDYABHAKTI Jurnal Ilm. Pop.*, vol. 2, no. 3, pp. 50–60, 2020, doi: 10.30864/widyabhakti.v2i3.197.
- [167] R. R. Anderha, S. Maskar, and U. T. Indonesia, "PENGARUH KEMAMPUAN NUMERASI DALAM MENYELESAIKAN," vol. 2, no. 1, pp. 1–10, 2021.
- [168] L. Ahluwalia, "EMPOWERMENT LEADERSHIP AND PERFORMANCE: ANTECEDENTS," *Angew. Chemie Int. Ed.* 6(11), 951–952., vol. 7, no. 1, p. 283, 2020, [Online]. Available: [http://www.nostarch.com/javascriptforkids%0Ahttp://www.investopedia.com/terms/i/in_specie.asp%0Ahttp://dspace.ucuenca.edu.ec/bitstream/123456789/35612/1/Trabajos de Titulacion.pdf%0Ahttps://educacion.gob.ec/wp-content/uploads/downloads/2019/01/GUIA-METODOL](http://www.nostarch.com/javascriptforkids%0Ahttp://www.investopedia.com/terms/i/in_specie.asp%0Ahttp://dspace.ucuenca.edu.ec/bitstream/123456789/35612/1/Trabajos%20de%20Titulacion.pdf%0Ahttps://educacion.gob.ec/wp-content/uploads/downloads/2019/01/GUIA-METODOL)
- [169] S. W. Hati and A. Juliati, "Analisis Pengaruh Logistics Service Quality Terhadap Kepuasan Dan Loyalitas Pelanggan Pada Perusahaan Logistik Jalur Nugraha Ekakurir (Jne)," *J. AKUNTANSI, Ekon. dan Manaj. BISNIS*, vol. 7, no. 2, pp. 240–249, 2019, doi: 10.30871/jaemb.v7i2.1592.
- [170] S. Yolanda and N. Neneng, "Rancang Bangun Sistem Informasi untuk Perhitungan Biaya Sewa Kontainer Pada PT Java Sarana Mitra Sejati," *J. Ilm. Sist. Inf. Akunt.*, vol. 1, no. 1, pp. 24–34, 2021.
- [171] M. Arini and A. Y. Wahyudin, "Students' Perception on Questioning Technique in Improving Speaking Skill Ability At English Education Study Program," *J. Arts Educ.*, vol. 2, no. 1, p. 2022, 2022.
- [172] A. D. Wahyudi, A. Surahman, and ..., "Penerapan Media Promosi Produk E-Marketplace Menggunakan Pendekatan AIDA Model dan 3D Objek," *J. Inform. ...*, vol. 6, no. 1, pp. 35–40, 2021, [Online]. Available: <http://ejournal.poltektegal.ac.id/index.php/informatika/article/view/2304>
- [173] P. W. Ciptadi and R. H. Hardyanto, "Penerapan Teknologi IoT pada Tanaman Hidroponik menggunakan Arduino dan Blynk Android," vol. 7, no. 2, pp. 29–40, 2018.
- [174] L. A. Putri and U. T. Indonesia, "EUCLIDEAN VOICE : APLIKASI PEMBELAJARAN GEOMETRI EUCLID BERBASIS ANDROID UNTUK PENYANDANG TUNANETRA," vol. 1, no. 2, pp. 23–27, 2020.
- [175] L. A. Putri and P. S. Dewi, "Media Pembelajaran Menggunakan Video Atraktif pada Materi Garis Singgung Lingkaran," *MATHEMA J. Pendidik. Mat.*, vol. 2, no. 1, pp. 32–39, 2020.

- [176] S. Samsugi, Z. Mardiyansyah, and A. Nurkholis, "Sistem Pengontrol Irigasi Otomatis Menggunakan Mikrokontroler Arduino UNO," *J. Teknol. dan Sist. Tertanam*, vol. 1, no. 1, pp. 17–22, 2020.
- [177] C. F. Hasri and D. Alita, "Penerapan Metode Naïve Bayes Classifier Dan Support Vector Machine Pada Analisis Sentimen Terhadap Dampak Virus Corona Di Twitter," *J. Inform. dan Rekayasa Perangkat Lunak*, vol. 3, no. 2, pp. 145–160, 2022, [Online]. Available: <http://jim.teknokrat.ac.id/index.php/informatika>
- [178] P. O. S, M. H. Mustaqim, and F. S. Amalia, "Perancangan Sistem Informasi LEUAGE Sebagai Media Pemelajaran Bahasa Inggris," vol. 1, no. 2, pp. 1–9, 2021.
- [179] R. Fadilah and H. Kuswoyo, "Transitivity Analysis of News Reports on Covid-19 of Jakarta Post Press," 2021.
- [180] A. Suhendri, B. D. Juniansyah, M. J. Priono, and D. Darwis, "Implementasi Kombinasi Affine Cipher dan One-time Pad Dalam Pengamanan Pengiriman Pesan," *J. Inform.*, vol. 18, no. 2, pp. 124–129, 2018.
- [181] B. Anggoro *et al.*, "Sistem Informasi Akuntansi Pengelolaan Dana Desa (Studi Kasus : Desa Isorejo Kec . Bunga Mayang Kab . Lampung Utara)," vol. 2, no. 2, pp. 54–61, 2022.
- [182] S. Samsugi, A. I. Yusuf, and F. Trisnawati, "Sistem Pengaman Pintu Otomatis Dengan Mikrokontroler Arduino Dan Module Rf Remote," *J. Ilm. Mhs. Kendali dan List.*, vol. 1, no. 1, pp. 1–6, 2020, doi: 10.33365/jimel.v1i1.188.
- [183] S. Salsabila, L. F. Lina, and D. Novita, "Pengaruh Kredibilitas Brand Ambassador Terhadap Keputusan Perawatan Pada Klinik Kecantikan Di Bandar Lampung," *J. TECHNOBIZ*, vol. 5, no. 1, pp. 2655–3457, 2022.
- [184] N. Salsabila, "Klasifikasi Barang Menggunakan Metode Clustering K-Means Dalam Penentuan Prediksi Stok Barang," *Cent. Libr. Maulana Malik Ibrahim State Islam. Univ. Malang*, 2018.
- [185] A. Gunawan, E. Sopandi, M. Salsabila, M. I. Pangestu, and R. Assifah, "Pengaruh Reward dan Punishment Terhadap Kinerja Karyawan PT. Bintang Toedjoe Cikarang," *J. Manaj.*, vol. 11, no. 1, pp. 1–9, 2023.
- [186] D. Bryllian and K. Kisworo, "Sistem Informasi Monitoring Kinerja Sdm (Studi Kasus: Pt Pln Unit Pelaksana Pembangkitan Tarahan)," *J. Inform. dan Rekayasa Perangkat Lunak*, vol. 1, no. 2, pp. 264–273, 2021, doi: 10.33365/jatika.v1i2.622.
- [187] P. S. Alam, A. Wantoro, and Kisworo, "Sistem Pakar Pemilihan Sampo Pria dengan Menggunakan Metode Certainty Factor," *J. Teknol. dan Sist. Inf.*, vol. 3, no. 4, pp. 21–27, 2022, [Online]. Available: <http://jim.teknokrat.ac.id/index.php/JTISI>
- [188] K. Kisworo, "Fmadm: Yager Model in Fuzzy Decision Making," *J. Tekno Kompak*, vol. 12, no. 1, p. 1, 2018, doi: 10.33365/jtk.v12i1.43.
- [189] S. A. CS, "Analisis Pengaruh Intellectual Capital Terhadap Kinerja Keuangan

- Perusahaan (Studi Kasus Perusahaan Sektor Keuangan Yang Terdaftar Di Bursa Efek Indonesia (BEI) Pada Tahun 2008-2017).” Universitas Gadjah Mada, 2019.
- [190] A. Imelda, S. Angelica, C. Sihono, and D. R. Anggarini, “Pengaruh Likuiditas , Profitabilitas , Dan Rasio Pasar Terhadap Harga Saham (Studi Kasus Pada Perusahaan Indeks Lq45 Yang Terdaftar Di Bursa Efek Indonesia Periode 2017-2021),” vol. 2, no. 2, pp. 17–25, 2022.
- [191] Y. NURDIN and I. Wijaya, “PENGARUH KOMPETENSI AKUNTANSI APARAT PENGELOLA DANA DESA DAN KOMITMEN ORGANISASI PEMERINTAH DESA TERHADAP AKUNTABILITAS PENGELOLAAN DANA DESA (Studi Pada Kecamatan Sinjai Selatan Kabupaten Sinjai),” *Accounting, Accountability, Organ. Syst. J.*, vol. 1, no. 1, 2019, doi: 10.47354/aaos.v1i1.106.
- [192] D. Alita, I. Tubagus, Y. Rahmanto, S. Styawati, and A. Nurkholis, “Sistem Informasi Geografis Pemetaan Wilayah Kelayakan Tanam Tanaman Jagung Dan Singkong Pada Kabupaten Lampung Selatan,” *J. Soc. Sci. Technol. Community Serv.*, vol. 1, no. 2, 2020.
- [193] R. Rusliyawati, T. M. M. Putri, and D. D. Darwis, “Penerapan Metode Garis Lurus dalam Sistem Informasi Akuntansi Perhitungan Penyusutan Aktiva Tetap pada PO Puspa Jaya,” *J. Ilm. Sist. Inf. Akunt.*, vol. 1, no. 1, pp. 1–13, 2021, [Online]. Available: <http://jim.teknokrat.ac.id/index.php/jimasia/article/view/864>
- [194] S. D. Ramdan and N. Utami, “Pengembangan Koper Pintar Berbasis Arduino,” *J. ICTEE*, vol. 1, no. 1, pp. 4–8, 2020, doi: 10.33365/jictee.v1i1.699.
- [195] L. Andraini and C. Bella, “Pengelolaan Surat Menyurat Dengan Sistem Informasi (Studi Kasus : Kelurahan Gunung Terang),” *J. Portal Data*, vol. 2, no. 1, pp. 1–11, 2022, [Online]. Available: <http://portaldata.org/index.php/portaldata/article/view/71>
- [196] R. Alfian and A. Phelia, “EVALUASI EFEKTIFITAS SISTEM PENGANGKUTAN DAN PENGELOLAAN SAMPAH DI TPA SARIMUKTI KOTA BANDUNG,” *JICE (Journal Infrastructural Civ. Eng.)*, vol. 2, no. 01, pp. 16–22, 2021.
- [197] S. T. Fandani, H. Sulistiyowati, and R. Setiawan, “Tingkat Pencemaran Udara di Desa Silo dan Pace, Kecamatan Silo, Kabupaten Jember dengan Menggunakan Lichen Sebagai Bioindikator,” *Berk. Sainstek*, vol. 7, no. 2, p. 39, 2019, doi: 10.19184/bst.v7i2.6861.
- [198] F. Savestra, S. Hermuningsih, and G. Wiyono, “Peran Struktur Modal Sebagai Moderasi Penguatan Kinerja Keuangan Perusahaan,” *J. Ekonika J. Ekon. Univ. Kadiri*, vol. 6, no. 1, pp. 121–129, 2021.
- [199] A. Damuri, U. Riyanto, H. Rusdianto, and M. Aminudin, “Implementasi Data Mining dengan Algoritma Naïve Bayes Untuk Klasifikasi Kelayakan Penerima Bantuan Sembako,” *J. Ris. Komput.*, vol. 8, no. 6, pp. 219–225, 2021, doi: 10.30865/jurikom.v8i6.3655.
- [200] D. Setiawan, “RANCANG BANGUN PENGENDALI PINTU DAN GERBANG

MENGUNAKAN ANDROID BERBASIS INTERNET OF THING.” Universitas
Teknokrat Indonesia, 2021.