UNIVERSITI TEKNOLOGI MARA

PIONEERING EDUCATIONAL PERSPECTIVES

Series 2025

THE World University Rankings 2023 TOP 1501+
TOP 128 UI GreenMetric
MDEC Premier Digital Tech Institution
THE IMPACT RANKINGS 2022 TOP 101-200
MyRA

PIONEERING EDUCATIONAL PERSPECTIVES

Series 2025

Chief Editors:
Nur Alyani binti Khairol Anuar
Muhammad Irfan bin Mokhtar

Editors:
Aqeela binti Ahmad Kamiri
Hawa Syamsina binti Md Supie
Nurul Nadiah binti Rasdi
Qistina Azra binti Mohani
Siti Aishah binti Taib
Nurul Hijah binti Jasman
Siti Mariam binti Mohammad Iliyas

Published by:
Academy of Language Studies, Universiti Teknologi MARA
Cawangan Johor, Kampus Pasir Gudang, Jalan Purnama,
Bandar Seri Alam, 81750 Masai, Johor Darul Ta'zim.
07-3818455
edgii.apbpg@gmail.com

Copyright © Pioneering Educational Perspectives: Series 2025

All rights reserved. No part of this publication may be reproduced in any form or by electronic or mechanical means, including information storage and retrieval systems, or transmitted in any form or by any means, without the prior permission in writing from the publisher.

e-ISBN : 978-967-0033-31-0

Published date: 2025

Chief Editors:
Nur Alyani binti Khairol Anuar
Muhammad Irfan bin Mokhtar

Editors:
Aqeela binti Ahmad Kamiri
Hawa Syamsina binti Md Supie
Nurul Nadiah binti Rasdi
Qistina Azra binti Mohani
Siti Aishah binti Taib
Nurul Hijah binti Jasman
Siti Mariam binti Mohammad Iliyas

Published by:
Academy of Language Studies, Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang, Jalan Purnama, Bandar Seri Alam, 81750 Masai, Johor Darul Ta'zim.
07-3818455
edgii.apbpg@gmail.com

Preface

Pioneering Educational Perspectives: Series 2025 is a collection of thought-provoking insights and research contributions exploring contemporary educational trends and practices. This eBook presents a diverse range of perspectives on innovative teaching methodologies, digital learning strategies, and transformative approaches in education. Designed to serve as a resource for educators, researchers, and practitioners, it aims to inspire meaningful discussions and advancements in the field. Through carefully curated chapters, this publication offers fresh ideas and practical solutions to enhance learning experiences in an ever-evolving educational landscape.

e-ISBN: 978-967-0033-31-0

KIT PEMBELAJARAN KEA (KENALI EMOSI ANDA) 258

Masni binti Jamin[1,*], Nooraini binti Ab. Latif [2], Fathimatuzzahra' binti Mohd Zabidon[3], Nurul Atiqah binti Muhamad Nujeib[4], 'Irdina binti Shariful Anuar[5] 258

SIMBA 261

Zarkashi bin Junaidin[1], Nur Dania Qistina binti Nor Shafizul Adli[2] & Puan Masni binti Jamin[3] 261

i-FleQ: INFOGRAFIK FLEKSI AL-QURAN 265

Khadijah Yusop[1,*], Mohd Fauzi Abdul Hamid[2] & Mohd Firdaus Yahaya[3] 265

EASY MATHWAY FORMULAE MODULE 269

[1]Pavithra A/P Kanabathi, [2]Shivani A/P Batumalai, [3]Ranjitha Lakshmi A/P Rajacrcha Kumar & [4]Jyothsheny Selvam 269

e-LAGU SERONOK, KOSA KATA MANTAP! *e-SONGS FUN, VOCABULARY STRONG!* 273

Viannie Tongguritom[1] & Minah Sintian [2*] 273

THE IMPLEMENTATION OF ECO READER QUEST MODULE TO ENHANCE STUDENTS' AWARENESS OF SUSTAINABLE PRACTICES 277

Nurmiza bt Rifayudeen[1,], Sharifah Radiyah bt Sayed Hasan[1], Dayini Dhabitah bt Zamil[1], Nur Syuhadah bt Syamsul Kamal[1] & Siti Aisyah bt Roslan[1*] 277

MARI MENGEJA BERSAMA-SAMA AYU 281

Roziah binti Ramli[1], Nur Amylia Natasya Mohamad Yusrie[2], Sarah Nabilah binti Mohd Mazni[3] Nur Hana Aliesha binti Muhd Hasanuddin [4] & Muhamad Danish bin Norahairuzan[5] 281

DEVELOPING ENGLISH COURSEWARE FOR LOWER SECONDARY SCHOOL STUDENTS: TEACHING PREPOSITIONS OF MOVEMENT IN EMAIL WRITING USING THE ADDIE MODEL ... 286

Muhammad Hafiz Mohd Zaki[1] 286

QUIZXPERT 290

Tharsinii Jayasilan[1] & Moganashwari Kandasamy[2] 290

ANIMATION VIDEO FOR VOCABULARY LEARNING 294

Nurain Khairina Zulkhairi[1] & Moganashwari Kandasamy[2] 294

UNLOCKING WORDS: THE VAK MODEL IN ACTION 298

Saiyidah Nafisah Mohd Nadzori[1], & Moganashwari Kandasamy[2] 298

VOCABVAULT : Enhancing Pre-service Teachers Vocabulary 302

Balqis Nur Aliah binti Misbah[1] & Moganashwari Kandasamy[2] 302

WHO VS. WHOM CHECKER 305

Nur Syazrina binti Ahmad Zubir[1] & Moganashwari Kandasamy[2] 305

SPARKLE READS TO IMPROVE PUPILS READING COMPREHENSION 309

Nurul Adawiyah Binti Abdul Manaf[1], & Dr Moganashwari Kandasamy[2] 309

VOCABULARY ENHANCEMENT THROUGH LITTLE GENIUS: WORD POWER 312

Nur Salsabila Irdina Binti Mohd Salleh[1] & Moganashwary Kandasami[2] 312

PHONICS PLAYLAND: AR FOR LEARNING PHONICS 316

e-ISBN: 978-967-0033-31-0

VOCABULARY ENHANCEMENT THROUGH LITTLE GENIUS: WORD POWER

Nur Salsabila Irdina Binti Mohd Salleh[1] & Moganashwary Kandasami[2]

Institute of Malaysian Teacher Education Tuanku Bainun Campus

Corresponding author: g-ipgp30202180@moe-dl.edu.my

ABSTRACT

A Pic-Word eBook is an educational tool designed to help learners, especially young children or language learners, improve their vocabulary through visual aids. This eBook integrates pictures with corresponding words to create a multisensory learning experience. Each page typically features a high-quality image paired with its corresponding word, sometimes accompanied by a brief definition or example sentence to provide context. The eBook leverages the power of visual learning, which is particularly effective in vocabulary acquisition. As stated by associating words with images, learners can better understand and remember new vocabulary. This method caters to visual learners and makes the learning process engaging and enjoyable. The interactive nature of the eBook, often including features like audio pronunciations, quizzes, and games, further reinforces learning. The Pic-Word eBook is versatile, suitable for a wide range of ages and learning levels. It can be used in classroom settings, for homeschooling, or as a self-study tool. Its digital format allows for easy access on various devices, making it a convenient resource for on- the-go learning. Overall, this eBook is a valuable tool for enhancing vocabulary through a visually rich and interactive approach.

KEYWORDS: Visual aids, Image, Engaging, Vocabulary, Young learners.

PROBLEM AND OBJECTIVE

Vocabulary was a fundamental component of the English language, and learners needed to become familiar with the terminology related to various subjects to achieve proficiency (Hamer & Lely, 2019). However, building a strong vocabulary in English was challenging, as it was often perceived as a difficult language to learn (Hamer & Lely, 2019). For students to improve their English usage in any context, retaining the vocabulary they had learned was crucial (Dowdall et al., 2019). Pupils tend to forget vocabulary they had learned in previous lessons, which hindered their ability to retain and expand their English vocabulary. According to Khafidhoh and Carolina (2019), using pictures can give more impact for the pupils to remember the vocabulary.

The objectives of the Pic-Word eBook are to enhance vocabulary acquisition by integrating words with vivid images, making learning more engaging and memorable. According to Perveen (2018), it aims to cater to diverse learning styles by providing interactive features like audio pronunciations, quizzes, and customizable learning paths. The eBook seeks to make vocabulary learning accessible and enjoyable for various audiences, including early learners, language students, and those with learning challenges. Ultimately, it strives to improve literacy and communication skills, offering a modern, adaptable solution for effective language education in today’s digital world. Therefore, fostering learners' interest played a vital role in the language acquisition process.

e-ISBN: 978-967-0033-31-0

DESIGN DESCRIPTION

The Pic-Word eBook is a digital tool designed to enhance vocabulary learning through the integration of vivid images, interactive features, and multimedia elements. Its purpose is to make vocabulary acquisition more accessible, engaging, and effective, catering to various learning styles. Key features include colorful visuals paired with words, audio pronunciations, interactive activities like quizzes and games, and customization options for personalized learning. The eBook is user-friendly, compatible across devices, and offers offline access, making it versatile for different learning environments.

Its primary target audience includes early learners, language learners, and individuals with learning challenges. By providing an immersive and interactive learning experience, the Pic-Word eBook stands out as a modern educational resource that supports language development, promotes literacy, and addresses the diverse needs of learners across age groups and backgrounds.

VISUALS



Figure 1: Scan to access the "Little Genius: Word Power"

NOVELTY AND UNIQUENESS

Pic-Word eBook is considered novel and unique due to its combination of colorful images, interactive activities, and engaging features. By seamlessly pairing vibrant visuals with words, it enhances memory retention and makes learning more appealing (Morthy & Aziz, 2021). Interactive elements like audio pronunciations, quizzes, and games cater to different learning styles, turning vocabulary building into an enjoyable experience. The eBook's customization options, multimedia integration, and gamification features further set it apart, offering an adaptable, immersive, and engaging approach to vocabulary learning that traditional tools lack.

BENEFITS TO MANKIND

Basically, the eBook can improve quality of life by enhancing literacy and communication skills, which are essential for personal and professional success. By making vocabulary learning engaging and accessible, it addresses educational disparities, helping individuals of all ages and backgrounds, including those with learning challenges, to build language proficiency. This, in turn, opens up opportunities for better education, employment, and social integration. The eBook also supports lifelong learning, empowering people to adapt to a rapidly changing world, thereby solving problems related to literacy and contributing to overall societal development and well-being. Based on feedback that has been conducted, most of the user of the Little Genius: Word Power has responded positively towards the use of the eBook. From here, the usage of Little Genius: Word Power can be seen as something useful for young learners who are new to learn English and try to retain English vocabulary.

e-ISBN: 978-967-0033-31-0

COMMERCIAL POTENTIAL

The Pic-Word eBook clearly has shown a significant market potential, particularly in education, language learning, and early childhood development sectors. Its competitive advantage lies in its innovative combination of colorful visuals, interactive activities, and customizable learning paths, which differentiate it from traditional vocabulary tools. Scalability is high, as it can be easily adapted for various languages, age groups, and educational settings, including global markets. The digital format allows for easy updates and distribution, making it accessible across different devices and platforms, and its interactive features cater to the growing demand for engaging, tech- driven learning solutions (Waycott et al. (2005).

CONCLUSION

In conclusion, the Pic-Word eBook is a powerful and innovative educational tool that transforms vocabulary learning into an engaging, interactive experience. By combining colorful images, audio pronunciations, and interactive activities, it effectively caters to diverse learning styles and needs. Its user-friendly design, cross-platform compatibility, and customizable features make it accessible to a broad audience, from early learners to language students. The eBook's ability to make learning enjoyable while promoting literacy and language skills underscores its potential as a valuable resource in modern education, addressing the evolving demands of digital learning environments.

REFERENCES

Dowdall, N., Melendez-Torres, G. J., Murray, L., Gardner, F., Hartford, L., & Cooper, P. J. (2019). Shared Picture book Reading Interventions for Child Language Development: A Systematic Review and Meta-Analysis. *Child Development*, *91*(2). https://doi.org/10.1111/cdev.13225

Hamer, W., & Lely, L. N. (2019). Using pictionary game to increase learners' vocabulary mastery in English language instruction. *Journal of English Education Studies*, *2*(1), 43–51. https://doi.org/10.30653/005.201921.30

Handayani, N. F. (2018). Improving English vocabulary for second graders using pictures at SD Pangudi Luhur Jakarta. *JET (Journal of English Teaching)*, *4*(1), 37. https://doi.org/10.33541/jet.v4i1.787

Khafidhoh, & Carolina, A. (2019). *Using pictures for teaching vocabulary to the junior high school students.* https://eric.ed.gov/?id=EJ1283016

Mathew, N. G., & Alidmat, A. O. H. (n.d.). *A study on the Usefulness of Audio-Visual AIDs in EFL Classroom: Implications for Effective Instruction.* https://eric.ed.gov/?id=EJ1067344

Morthy, D. K., & Aziz, A. A. (2021). The effectiveness of Colour-Coded Dominoes in enhancing simple sentence construction. *International Journal of Academic Research in Progressive Education and Development*, *10*(1). https://doi.org/10.6007/ijarped/v10-i1/8391

Perveen, A. (2018). Facilitating multiple intelligences through multimodal learning analytics. *Turkish Online Journal of Distance Education*, *19*(1), 18–30.

e-ISBN: 978-967-0033-31-0

https://doi.org/10.17718/tojde.382655

Shabiralyani, G., Hasan, K. S., Hamad, N., & Iqbal, N. (2015). *Impact of visual aids in enhancing the learning process Case research: District Dera Ghazi Khan.* https://eric.ed.gov/?id=EJ1079541

Waycott, J., Jones, A., & Scanlon, E. (2005). PDAs as lifelong learning tools: an activity theory based analysis. *Learning Media and Technology*, *30*(2), 107–130. https://doi.org/10.1080/17439880500093513