



Flashcard Strategy Role in Teaching English Vocabulary: A Systematic Review

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Abstract

This systematic review investigates how flashcards function in different educational contexts to teach vocabulary. The study summarizes data from empirical research released in the last three years, which are from 2021–2023. It focuses on how flashcard-based interventions affect vocabulary acquisition, retention, and overall teaching outcomes. The findings provide insights into the advantages, limitations, and best practices associated with employing flashcards in vocabulary instruction.

Keywords: *Flashcard; Teaching Vocabulary; Systematic Review*

Introduction

The Importance of Vocabulary Acquisition

In the age of globalization, language education is crucial, particularly given the importance that languages play as tools for communication. Language is an instrument of communication that one uses to express and communicate ideas to another. Language is a universal means of expression and communication. People cannot communicate their ideas without language. Therefore, for others to comprehend what we are saying when we speak, we must speak clearly and concisely. As one of the significant languages that took a wide range of using over the last decades, English language has been become essential to be acquired. Speaking, listening, reading, and writing skills are developed in English classes to enable pupils to converse in the language at a specific level of literacy. Mastering vocabulary is an essential part of learning English for non-native speakers. According to Harmer (2007), if language structures are the language's skeleton, vocabulary supplies the language's flesh and vital organs. The basis that can lead non-native speakers to comprehend the target language itself is vocabulary. Hence, prior to being able to comprehend the target language itself, students must first build their vocabulary. English language acquisition requires a strong vocabulary. It is a great challenge to comprehend English without vocabulary, and vice versa. It will be simpler for pupils to learn English if they can master vocabulary. According to Richards et al., (2002) vocabulary is crucial for pupils to learn in order to communicate and develop their comprehension in reading, writing, listening, and speaking. An essential requirement that now plays a major role in English is vocabulary. The usage of vocabulary, according to Rainkamol (2008) is a necessary component of learning the English language. The cornerstone upon which language

construction in communication is based on vocabulary (Dang, 2020; Nguyen & Boers, 2019). Mastery of vocabulary is the key component that facilitates students' acquisition of English language skills. Thus, insufficient vocabulary effectively restricts the speaker's capacity to communicate clearly, comprehend the other person's language, and might result in miscommunication. There are many methods, techniques, approaches and media that are able to help students in acquiring English vocabulary, as one of the effective ways to enrich students' English vocabulary was through flashcard. Many teachers use flashcard as a tool in teaching English vocabulary in the classroom (Puspitarini & Hanif, 2019; Widodo, 2019). According to Aisyah et al. (2020), flashcards are one type of visual aid that could be provided to pupils. Small cards containing pictures, text, or symbols on them are called flashcards, and they are used to help recall or teach pupils about various topics related to visuals. According to Pasaribu and Sihombing (2022), it is a noteworthy and widely used vocabulary teaching tool. Symbols, signs, pictures, phrases, and explanations are all included on flashcards, which are meant to help students supplement what they are learning.

The Purpose of the Systematic Review

The development of one's vocabulary is an essential part of learning a language; it affects one's ability to write, read, and overall communication skills. Since they are portable, easy to use, and versatile, flashcards have been used widely as an educational tool to support vocabulary acquisition. The purpose of this systematic review is to assess flashcard-based interventions in teaching vocabulary.

Research Question

RQ1. What are the educational context characteristics of the learners selected in the articles?

RQ2. What are the most frequently used tools in the selected articles?

Literature Review

Teaching Vocabulary

One of the linguistic knowledge domains, vocabulary is very important to language learners in their language acquisition process (Cameron, 2001). For those learning a foreign language, vocabulary is frequently seen as an essential part in learning language as poor vocabulary leads to poor communication. It is necessary to be mastered. Then, one of the most crucial linguistic elements of language is vocabulary. Students may converse in English by first acquiring vocabulary. Edward (1977) asserts that students must acquire words on a constant basis while they study sound systems and acquire structure. Vocabulary is therefore plays a key role in teaching language. It takes planning and preparation to teach vocabulary successfully. Teachers must make sure that their pupils are participating in a variety of activities that will help them acquire vocabulary both consciously and unintentionally, as well as spending time studying the terms that are most helpful to them. Additionally, teachers must communicate to their students their clear objectives for vocabulary development throughout the classes. Teachers should also measure their students' vocabulary development during the course of study and employ a method that will assist them in gaining a thorough understanding of the target terms (Webb & Nation (2017). Students' vocabulary learning objectives should be clearly defined by teachers. The significance of vocabulary expansion in the initial phases of vocabulary growth cannot be overstated, as it has a direct impact on the level of language comprehension and use abilities of learners. The objectives should be based on the amount of time allotted for vocabulary acquisition both within and outside of the classroom, as well as the instructional strategies employed. There is speed and efficiency to explicit learning approaches (Webb & Nation (2017). In order to increase pupils' language proficiency, teachers need to employ several techniques, approaches, and strategies, one of which is vocabulary instruction Pan and Xu (2011). Here, we have some useful strategies that can help teachers to teach vocabulary more effectively.

- Focus on vocabulary. Give terminology a lot of weight in your syllabus. Allow students to recognize that studying language involves more than just memorizing grammatical rules. New terminology that will grab the students' interest should be introduced in every class. Throughout the class, it is important to emphasize, concentrate on, and use newly learned language in meaningful ways. Provide a list of the terminology that has to be taught both at home and in the classroom.
- Offer variety. Instructors can use a wide range of resources, such as audio-written materials and graphics, to introduce new terminology to their students. Activities such as dialogues, tales, interviews, questionnaires, etc. can be designed with the use of these resources. Every subject must hold the interest of the students. Put another way, for any given activity to be appropriate for the kids' level, it must be unique. To ensure responsive and creative skills, activities should transition from regulated to free-type activities.
- Repeat and recycle. Memory is another factor in vocabulary learning. One of the most challenging aspects of teaching and studying vocabulary is helping students remember the vast variety of terms. Repetition is a crucial component in the acquisition of language. Speaking out loud while repeating something works better than whispering it. For kids, reviewing vocabulary as frequently as feasible is more effective than simply having them see or hear it in activities that include the use of new terminology.

Flashcards

It is necessary to teach vocabulary in an engaging and joyful manner so that pupils may pick up new words without feeling pressured to memorize them. Vocabulary may be taught using a variety of sources. One of them has flashcards on hand (Pan and Xu, 2011). Flashcards are cards containing written, obscured, or both pictures and text on them. Students can get more involved in creating new terms and communicating their thoughts by utilizing flashcards. According to Yunus (2020), a flashcard is a card that the instructor displays to the class that has words or numbers on it. It is a tool used by educators or practitioners to provide new vocabulary to kids learning English, especially the younger ones. English vocabulary may be taught and learned using flashcards covering a variety of vocabulary subjects. Flashcards are helpful for presentations, rehearsals, and revised vocabulary, or as a guide for other activities. Komachali and Khodareza (2012) define flashcards as pictures with words, phrases, or basic imagery on them. Since flashcards are good for learning, they are seen as a helpful strategy. Teachers might find it simpler to teach when they use flashcards to help students acquire vocabulary, especially in the area of English language acquisition. Students can also locate new vocabulary more quickly and remember it more easily when using flashcards. Teachers can also find, create, and present new words by using flashcards. Flashcard defined as a helpful strategy work on providing students with new vocabulary. According to Senzaki et al (2017), there are some advantages and disadvantages of using Flashcards.

1. Advantages of Flashcards

A. Flashcards Work by Stimulating Visual Memory

Flashcard A visual aid: they simplify the process of learning new knowledge. When taught a new subject or idea, pupils frequently remember what they observe. Studies have indicated that using flashcards might help pupils learn ideas more quickly. Students are more likely to remember an idea when they see the same image on a flashcard more than once because they can relate to it. This is because information presented in a pictorial style is processed by the brain faster.

B. Portable of Using Flashcards

Flashcards are lightweight and easy to carry about. Even young children may carry them with ease because they are not as heavy as textbooks. These portable study aids will be more convenient for them to carry than books or notes. Parents may use flashcards to teach their kids at home or on the way to school.

C. Flashcards Increases the Learning Pace

Flashcards expedite the learning process, which facilitates learning. Teachers may use flashcards to keep students interested during study and activity periods since kids are naturally drawn to them. Additionally, if students find it challenging to handle the material's intricacy, they could become more motivated. Students need to realize that even with the syllabus's intricacy, it may be easily divided into manageable chunks; in this regard, flashcards are undoubtedly helpful.

D. Inexpensive Teaching Aids

Among the most economical teaching methods are flashcards. These may be made at home using basic materials. All the instructor needs are some standard paper, scissors, and supplies. Together with the kids, the instructor may help them make sure they do it correctly. Additionally, this will teach children early on the need of discipline and organization.

2. Disadvantages of Flashcards

A. It's Possible That the Context of the Lesson May Be Forgotten. The ideal method for studying anything in-depth might not be using flashcards. There's a danger toddler kids who study with densely packed flashcards won't be able to apply what they've learned in real life. They have not assimilated the idea or do not comprehend it.

B. Flashcards Encourage Rote Learning. Flashcards are intended only to help with memorization. Learning from real-life events is not even close to what this does. Teachers are merely practicing material when they utilize flashcards with words, letters, and images on them. They don't aid in the development of reading comprehension, literacy, or language skills in students.

C. Overburden the Brain. While some flashcards include images to aid in learning, others focus on keywords. However, an overload of knowledge causes students to compete with one another for synaptic connections in the brain, which leads to neurological congestion.

Methodology

A. Guidelines for Conducting Systematic Review

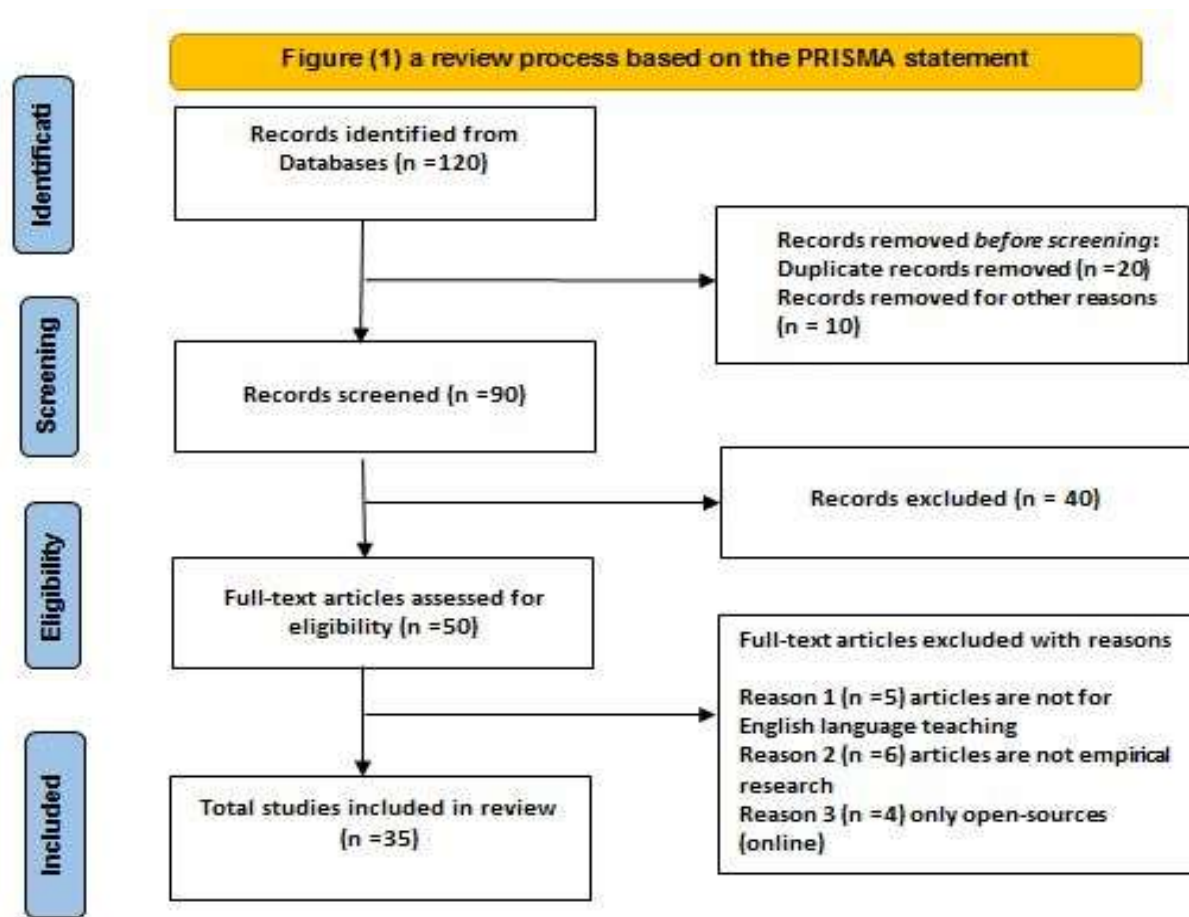
The systematic review was conducted in accordance with the PRISMA standards (Liberati et al., 2010). PRISMA assists the writers in carrying out an appropriate evaluation and creating an organized literature report for the investigation. When evaluating the reliability and relevance of the articles in the review, eligibility requirements are essential. Two sets of criteria have been used to the processing of selected articles: inclusion criteria and exclusion criteria. The qualities of the article that need to be included in the study are stated in the inclusion criteria. The features of exclusion criteria include eliminating papers that shouldn't be a part of the study.

B. Eligibility Criteria

For chosen journal article has to fulfill the following requirements in order to be taken into consideration for this review, it should define flashcard as a helpful strategy work on providing students with new vocabulary, published in English language, it is related to using flashcard and teaching English vocabulary, empirical research was published in academic publishing platforms. On the other hand, the exclusion criteria included: articles with sole concern on using flashcard or teaching English vocabulary, reports, non-English articles, book chapter reviews, unavailable full text articles, review articles.

C. Study Selection

A total of 120 journal articles were identified from the semantic scholar and Google scholar database. After taking into account the articles that met the inclusion and exclusion criteria, a total of twenty duplicate articles were eliminated. The two primary topics covered in the collection of papers were "vocabulary teaching" and "using flashcards." However, a more thorough search was conducted using the following keywords and synonyms to find articles about "improving vocabulary," "enhancing vocabulary instruction," "enriching vocabulary," "acquiring vocabulary," and "vocabulary mastery," "digital flashcard," "flashcard media." in order to produce a high-quality study. All the related research papers were collected using the year limits. The papers published from 2021–2023. A database including the entire texts, abstracts, and titles of one hundred publications was produced. After carefully reading the publications, 35 were determined to be relevant for this study. Figure 1 illustrates how this review was filtered using the PRISMA statement.



D. Data Extraction

The data extraction process included the identification of (a) the article's author, country, and publication year, (b) participants (i.e., 32 7th Grade students, High School students, undergraduates, teachers, and others), (c) teaching tools (i.e., flashcard, visual aids and others), (d) theoretical frameworks and evaluation methods (i.e., Vocabulary Tests, Observation, Interview, Questionnaire, and other methods), (e) research topics (i.e., teaching, enhancing, enriching, improving, mastering), and (f) practical implications.

E. Quality Assessment

Theses, journal papers, and book chapters were all included in the reviewing process. The approach did not include review papers or reports. The documents were closely examined for duplicates in order to prevent duplication. To verify the information that was accessible, the abstract, research instrument, and conclusion were also reviewed.

Table 2. Studies Included in the Systematic Review

N	Author	year	country	Participant	Summarized introduction	Practical implications	Method used
1.	Jumaniyozova, F. (2023). An Important Role Of Using Flashcards During The Teaching Of Vocabulary. <i>Евразийский Журнал Академических Исследований</i> , 3(1 Part 1), 67-69.	2023	Uzbekistan	Unknown	Research Evaluates Effects Of Using Flashcard Media For Teaching Vocabulary Aims To Identify Teachers' Responses Towards Use Of Flashcard Media For Teaching Foreign Languages Flashcards Used To Teach Students In An Interesting Way	Evaluates The Effects Of Using Flashcard Media For Teaching Vocabulary. Identifies Teachers' Responses Towards The Use Of Flashcard Media For Teaching Foreign Languages.	Flashcard Media For Teaching Vocabulary Method Of Communicative Didactics Intercultural Dialogue Organization Method Exercise Organization Method
2.	Pramadanti, R. (2023). The Effectiveness Of Using Flashcards To Improve Vocabulary In Speaking English For Elementary School Students. <i>Simpati: Jurnal Penelitian Pendidikan dan Bahasa</i> , 1(3), 213-222.	2023	Indonesia	15 Elementary School	English Is An International Language And Vocabulary Is Important In Learning It. Flashcards Are An Effective Tool For Teaching Vocabulary To Young Learners. Flashcards Help Improve Students' Attention And Vocabulary Mastery. Flashcards Can Be Used To Introduce New Vocabulary And Engage Students. Flashcards Are Used In Taqifa Kindergarten To Teach Vocabulary.	Flashcards Are An Effective Tool For Teaching Vocabulary To Young Learners. Flashcards Can Improve Students' Attention And Engagement In Learning English. Flashcards Can Be Used To Differentiate Between Fact And Fiction For Fifth-Grade Students. Flashcards Can Be Used To Teach Vocabulary Related To Animals And Fruits.	Pretest And Posttest Measuring Vocabulary Success Experimental Treatment Using Flashcards For Teaching Vocabulary
3.	Febriyanti, V., & Novita, D. (2023). Effects Of Using Flashcards To Teach Vocabulary In Public Schools In Sidoarjo, East Java. <i>Indonesian Journal Of Education Methods Development</i> , 22, 10-21070.	2023	Indonesia	Unknown	English Is Considered Less Important In Indonesia Compared To Other Countries. English Lessons Are Taught In Junior High School According To The 2013 Curriculum. Vocabulary Is An Essential Element In Learning English. Flashcards Are Effective In Teaching Vocabulary To Elementary School Students. Flashcards Improve Students' Concentration And Active Participation In Learning.	Flashcards Are Successful As Learning Media For Teaching Vocabulary. Flashcards Have A Significant Effect On Students' Vocabulary Achievement. Flashcards Attract Students' Attention And Increase Their Motivation In Learning. Flashcards Are Easy To Prepare And Make Learning More Interesting.	Quantitative Research With Pre-Experimental Design Pre-Test And Post-Test Instruments Independent T-Test Formula For Data Analysis
4.	Febriyanti, V., & Novita, D. (2023). Effects Of Using Flashcards To Teach Vocabulary In Public Schools In Sidoarjo, East Java. <i>Indonesian Journal Of Education Methods Development</i> , 22, 10-21070.	2023	Indonesia	Kindergartens	English Education Has Been Increasingly Practiced At The Kindergarten Level. Vocabulary Is An Essential Component Of Language Learning. Teaching English To Young Learners Requires Considering Their Characteristics And Interests. The Role Of Parents Is Crucial In The Early Stage Of A Child's Education. The Covid-19 Pandemic Has Impacted Teaching And Learning Activities.	Parental Involvement Is Crucial In Teaching Vocabulary To Young Learners. Using Youtube Songs And Flashcard Games Can Be Effective Teaching Media. Flashcard Games Are More Effective With High Parent Involvement. Further Research Is Needed To Enhance Young Learners' Language Mastery.	Quasi-Experimental Study With A 2x2 Factorial Design Two Independent Variables: Teaching With Youtube Songs And Flashcard Games One Dependent Variable: Teaching Vocabulary Two Experimental Groups: Youtube Songs And Flashcard Games
5.	Erniwati, E., Mertoso, S. R., Arid, M., & Anggredi, A. (2021). Bilingual Approach: The Role Of Flashcards In Teaching Vocabulary To Young Learners. <i>Exposure: Jurnal Pendidikan Bahasa Inggris</i> , 10(2), 381-389.	2021	Indonesia	Primary Up To High School	Paper Discusses Teaching Approach And Media In English As A Foreign Language (Efl) Classroom. Focuses On Vocabulary Teaching, Bilingual Approach, And Use Of Flashcards. Emphasizes The Importance Of Appropriate Teaching Media For Young Learners. Highlights The Role Of Flashcards In Teaching Vocabulary To Young Learners.	Teaching English Vocabulary To Young Learners Should Consider Their Characteristics And Memory Span. Bilingual Approach Allows Learners To Use Their L1 To Understand L2 Words. Flashcards Can Be Used As A Visual Aid In Vocabulary Teaching. Vocabulary Plays A Crucial Role In Language Activities And Understanding For Young Learners	Bilingual Approach Using Flashcards In Teaching Vocabulary To Young Learners

6.	Firdausah, A., & Sari, D. M. M. (2022). Teaching Vocabulary To Young Learners Using Flashcards. <i>Ilmu Budaya: Jurnal Bahasa, Sastra, Seni, Dan Budaya</i> , 6(2), 719-724.	2022	Indonesia	11th Grade Students Of Ma Islamiyah Candi. 25 Students.	Teaching English Vocabulary Is Important For Language Learning. Flashcards Are Effective Tools For Teaching Vocabulary To Young Learners. Flashcards Make The Learning Process Fun And Engaging For Students. The Study Used Qualitative Research Design And Involved 11th Grade Students. The Average Score For Using Flashcards To Increase Vocabulary Was 74.4. Students Responded Positively To The Use Of Flashcards In Teaching Vocabulary.	Flashcards Media Is Effective For Teaching Vocabulary To Young Learners. Students Showed Enthusiasm And Achieved An Average Score Of 74.4. Flashcards Can Make The Learning Process More Fun And Engaging.	Qualitative Research Design Checklist Observation Score Rubric
7.	Matrutry, E., & Que, S. R. (2021). Using Flashcard As A Media In Teaching Vocabulary For The Eighth Grade Students Of Junior High School. <i>Mata: International Journal Of Language Education</i> , 2(1), 25-34.	2021	Indonesia	Eighth-Grade Students	The Study Aims To Improve Eighth-Grade Students' Vocabulary Using Flashcards. Flashcards Are Visual Aids That Make The Teaching-Learning Process More Engaging. Vocabulary Is Essential For Communication And Understanding In English. Common Vocabulary Obstacles Students' Language Skills. Flashcards Can Be Easily Accessed And Used To Help Students Memorize Vocabulary.	Flashcards Can Be Used As A Visual Aid In Teaching Vocabulary. Flashcards Can Attract Students' Interest And Motivation In Learning. Teachers Should Make The Teaching-Learning Process Enjoyable For Students. Students Need To Study And Master Vocabulary To Succeed In English. The Research Can Be Used As A Reference For Further Development Of Flashcards.	Direct Association Picture Action Flashcards Visual Aid
8.	Nuryani, N., & Fadloeli, O. (2021). The Utilization Of Flash Cards In Teaching English To Young Learners. <i>Project (Professional Journal Of English Education)</i> , 4(2), 156-162.	2021	Indonesia	Second Grade Of Elementary School.	Language Is A Means Of Communication Used To Transfer Information. English Is A Necessary Skill To Master For Communication And Knowledge. Elementary Schools In Indonesia Make English A Subject Of Local Content. Media In The Learning Process Can Help Teachers And Students. Flashcards Are A Visual Media Used In Teaching English To Young Learners. Flashcards Improve Listening, Speaking, Reading, Writing, Vocabulary, Pronunciation, And Grammar. Flashcards Should Be Prepared And Utilized Properly In The Classroom.	Media Has An Important Role In The Learning Process. Flashcards Can Facilitate Teachers In Delivering Learning Material. Students Are More Enthusiastic And Happy To Learn English With Flashcards. Flashcards Create Positive Interaction Between Teachers And Students. Flashcards Are Practical And Interesting To Use In The Classroom.	Observation Interview Documentation
9.	Widya, E. R., Andriani, A., & Sulastrri, F. (2021). Exploring Flashcard As The Media In Teaching Vocabulary To Efl Young Learners. <i>Journal Of Applied Linguistics (Altics)</i> , 3(2), 110-121.	2021	Indonesia	Three Teachers In Elementary School	English Taught In Elementary School With Focus On Vocabulary. Flashcards Used As A Medium To Teach Vocabulary To Young Learners. Flashcards Help Young Learners Understand And Retain Vocabulary. Flashcards Provide Clear Information And Stimulate Conversation. Flashcards Are A Handy Resource For Presenting And Practicing Vocabulary.	Teaching Vocabulary Using Flashcards Is Effective For Young Learners. Flashcards Help Teachers In Teaching New Vocabulary To Students. Flashcards Make Young Learners Enjoy And Understand English Vocabulary. Flashcards Provide Clear And Concise Information To Learners. Further Research Can Explore Different Strategies In Teaching English Skills.	Descriptive Case Study Semi-Structured Interviews Thematic Analysis
10.	Aziza, R. N. (2021, January). The Use Of Flashcards In Teaching Vocabulary To Young Learners. In <i>Bogor English Student And Teacher (Best) Conference (Vol. 2, Pp. 120-122)</i> .	2021	Indonesia	30 Fifth Grade Students	Vocabulary Is Crucial In Learning English. Flashcards Are A Suitable Media For Teaching Vocabulary To All Ages. Flashcards With Pictures Make Learning More Interesting And Understandable. The Study Analyzes The Use Of Flashcards In Teaching Vocabulary To Young Learners. The Study Found That The Use Of Flashcards Did Not Significantly Affect Young Learners' Vocabulary. Teachers Should Be Capable Of Using Various Media, Not Just Flashcards.	Flashcards Can Affect Some Young Learners In Mastering Vocabulary. Visual Learners Are More Suitable For Learning With Flashcards. Teacher's Capability In Using Flashcards Affects Students' Understanding. Both Teacher And Student Play Important Roles In Vocabulary Learning.	Qualitative Research Design Case Study Research Design Participant Observation Test As Instruments
11.	Triani, A., Suamba, I. M., & Septiana, K. A. K. The Teaching Of English Vocabulary By Using Flashcards To Young Learners 1st Grade In Bali Primary School Tabanan.	2023	Indonesia	The 1st-Grade Students Of Bali Primary School Tabanan. The Total Populations Are 25 Students	English Is Important For Communication In Various Aspects Of Life. Vocabulary Is Crucial For Effective Communication In A Foreign Language. Flashcards Are An Effective Tool For Teaching Vocabulary To Young Learners. Flashcards Capture Students' Attention And	Flashcards Improved Students' Vocabulary Mastery And Engagement In Learning. Flashcards Increased Students' Attention, Motivation, And Achievement In Vocabulary Mastery. Flashcards Created A Dynamic And Interactive Classroom Environment. English Teachers Should Identify	Classroom Action Research (Car) Observation Interviews Questionnaires Tests

					Make Learning Engaging. Flashcards Improve Students' Vocabulary Mastery And Motivation.	Student Behavior And Choose Suitable Techniques. Further Research On Flashcard Usage For Elementary Students Is Suggested.	
12.	Nurmaningsih, N. (2021). The Use Of Flashcard In Teaching English Vocabularies By Young Mothers. <i>Surakarta English And Literature Journal</i> , 4(1), 44-53.	2021	Indonesia	Primary School Students	Study Conducted In Dawis Pkk Desa Dua Belasan Rt I Rw Iii Jombor Kec.Bendosari Kab Sukoharjo Qualitative Descriptive Research Approach Used Data Collection Techniques: Observation And Documentation Flashcards Used In Three Ways: Standard, Combined With Songs, Combined With Hide And Seek Games Advantages Of Flashcards: Like A Game, Can Be Combined With Songs Weaknesses Of Using Flashcards: Need For Creativity, Integration Of Other Media Children Did Not Feel Bored In Learning English With Flashcards	Flashcards Can Be Used In Three Ways To Teach English Vocabulary. Flashcards Combined With Songs And Hide And Seek Games Are Effective. Flashcards Make Learning English Enjoyable And Less Overwhelming For Children. Teachers Need To Be Creative And Integrate Other Media For Effective Use Of Flashcards. Children May Feel Bored If Flashcards Are Used Without Variation. Young Mothers Should Actively Seek New Pictures And Vocabularies For Flashcards.	Qualitative Descriptive Research Observation And Documentation Data Collection Techniques Triangulation Of Data Sources (Theory Triangulation)
13.	Haqiqiyah, M. (2022). A Study On Teaching Vocabulary By Using Flashcards At The Fourth Grade Of Sdn Panglegur Li Pamekasan. <i>Kabillah (Journal Of Social Community)</i> , 7(1), 143-156.	2022	Indonesia	Students At The Fourth Grade	Paper Explores Teaching Vocabulary To Young Learners Using Flashcards. Teacher's Role Is Important In Developing Students' English Skills. Previous Studies Show That Flashcards Improve Vocabulary Mastery. Flashcards Are Simple And Enjoyable For Memorizing Vocabulary And Grammar.	The Use Of Flashcards Improved Students' Vocabulary Mastery. Flashcards Made Students Familiar With Certain Words And Improved Understanding. Flashcards Increased Students' Motivation And Achievement In Vocabulary Learning.	Descriptive Qualitative Field Research Observation, Interview, And Documentation Data Collection Methods Use Of Flashcards As Instructional Media For Teaching Vocabulary
14.	Khafiza, K. (2023). Using Online And Offline Flashcards In Teaching Vocabulary. <i>Miasto Przyszłości</i> , 42, 69-70.	2023	Uzbekistan		Flashcards Are Versatile Tools For Teaching Vocabulary In Online And Offline Settings. Benefits Of Using Flashcards Include Practicing Recognition And Recall Of New Words. Flashcards Can Be Adapted To Suit Different Learning Styles. Various Activities Can Be Used With Flashcards To Engage Students And Reinforce Learning.	Flashcards Are Versatile For Teaching Vocabulary In Online And Offline Settings. Flashcards Engage Students And Reinforce Learning Through Various Activities. Flashcards Cater To Different Learning Styles And Can Be Easily Adapted. Flashcards Can Be Used For Recognition Tasks, Sentence Formation, And Conversation Starters. Flashcards Help Students Internalize New Vocabulary And Use It In Context.	Flashcards For Recognition And Recall Of New Words. Memory Game For Recalling Flashcards. Vocabulary Drill For Teaching And Practicing New Words. Matching Game For Matching Words Or Pictures On Flashcards. Sentence Formation Using Flashcards. Pronunciation Practice With Flashcards Containing Phonetic Symbols.
15.	Wulandari, E. M., & Chadafi, M. (2022). The Effectiveness Of Using Flashcards On Teaching English Vocabulary. <i>Jeet, Journal Of English Education And Technology</i> , 2(04), 522-531.	2022	Indonesia	Fifth Grade	Study Focuses On English Vocabulary Teaching And Learning Importance Of Vocabulary Competence In Learning English Flashcards As A Medium For Learning Vocabulary In Teaching English Flashcards Can Be Carried Anywhere And Aid In Memory Retention Flashcards Can Increase Student Motivation In The Learning Process	Flashcards Can Be An Effective Tool For Teaching English Vocabulary. The Use Of Flashcards Can Lead To Improved Posttest Scores. Flashcards Can Be Used In Teaching English Vocabulary To Fifth-Grade Students.	Preexperimental Research Design One Group Pretest-Posttest Technique Quantitative Approach Without A Control Variable
16.	Monica, S. (2021). The Effectiveness Of Flashcard In Teaching Vocabulary At The 7th Grade Of Smpn 5 Alalak School Year 2019/2020 (Doctoral Dissertation, Universitas Islam Kalimantan Mab).	2021	Indonesia	Seventh Grade Students Of Smpn 5 Alalak School Year 2019/2020. They Are Divided Into Four Classes, The Total Number Of Students Is 86 Students.	Learning English Requires Vocabulary Mastery For Language Skills. Flashcard Media Is Effective In Teaching Vocabulary. The Study Aims To Increase Vocabulary Mastery Using Flashcard Media. Flashcard Media Helps Students In Mastering English Vocabulary. Flashcard Media Can Be Used By Teachers To Teach Vocabulary Effectively.	Flashcards Can Be Used Effectively In Teaching Vocabulary. Flashcards Help Strengthen Students' Memory And Attention In Learning. Flashcards Are Inexpensive, Easy To Make, And Portable.	Experimental Research Design Pre-Experimental Design
17.	Xodabande, I., Asadi, V., & Valizadeh, M. (2022). Teaching vocabulary items in corpus-based wordlists to university students: comparing the effectiveness of digital and paper-based flashcards. <i>Journal of China Computer-Assisted Language Learning</i> , 2(2), 257-280.	2022	Iran	71 English as a foreign language (EFL) students studying at two universities in Iran.	Study Compares Digital And Paper-Based Flashcards For Teaching Vocabulary. Participants Were Efl Students In Iran. Experimental Group Used Flashcard Apps, Control Group Used Paper-Based Flashcards. Results Showed Digital Flashcards Were More Effective In Posttests And Delayed Posttests. Study Highlights The Benefits Of Smartphone Devices And Digital Flashcards.	Digital Flashcards On Mobile Devices Are More Effective Than Traditional Materials. Mobile-Assisted Vocabulary Learning Can Lead To Better Learning Outcomes. Mobile Technologies Can Be Used For Long-Term Interventions In Vocabulary Learning. Standard And Validated Tests Should Be Used To Measure Learning Outcomes. Further Research Is Needed To Explore The Nuances Of Mobile-Assisted Vocabulary Learning.	Digital Flashcards With Spaced Repetition Technology On Smartphone Devices Traditional Paper-Based Flashcards Ngsl Builder Mobile Application For Learning The New General Service List Nawl Builder Application For Learning The Items In The Nawl Ngsl Test To Measure General Vocabulary Knowledge Before And After Treatment
18.	Rahmawati, J., & Liskinasih, A. (2022). Enhancing EFL Learners' Vocabulary Acquisition with	2022	Indonesia	54 students from	Technology In Education Enhances Vocabulary Learning And Student Engagement.	Socratic Digital Flashcards Significantly Improve Efl Learners' Vocabulary Acquisition.	Quasi-Experimental Study With Experiment And Control Groups

	Socratic Digital Flashcards: An Experimental Study. International Journal of Social Sciences & Educational Studies, 9(1).			the State Junior High School	Socratic Digital Flashcards Improve Efl Learners' Vocabulary Acquisition. Previous Studies Show Positive Results Of Using Socratic In Language Learning. Socratic Is A New And Helpful Tool In The Teaching And Learning Process. The Study Aims To Compare Socratic And Powerpoint Flashcards In Vocabulary Acquisition	Socratic Is An Effective Medium For Teaching Vocabulary Acquisition. Further Research Is Needed To Explore The Extent Of Socratic's Influence On Efl Learners' English Skills. The Study Recommends Expanding The Scope To Include Other Variables. Socratic Encourages Student Participation, Collaboration, And Further Knowledge Acquisition.	Independent Sample T-Test And Normalized Gain For Data Analysis Three-Part Test: Try Out, Pre-Test, And Post-Test Socratic Digital Flashcards And Powerpoint Flashcards Used For Vocabulary Acquisition
19.	Podoliak, M. (2021). Unconscious Memory in Acquiring New Vocabulary Using Flashcards. East European Journal of Psycholinguistics, 8(2).	2021	Ukraine	82 students of the specialty "Veterinary Medicine", aged 17–18 years old	Paper Aims To Analyze Unconscious Memory In Language Learning Process. Experiment Conducted With Flashcards To Prove Effectiveness Of Method. Visual Memory And Associations Play A Role In Retaining Information. Color Flashcards With Translation Facilitate Creating Associations And Memory Performance. Research Results Can Be Used By Foreign Language Teachers To Facilitate Learning.	Can Be Used In Parental Teaching And University Courses Hang Flashcards With New Vocabulary To Facilitate Learning Process Can Be Used At Home By Surrounding Oneself With Colored Flashcards Can Be Used As A Distraction And Entertainment For Children/Students Can Be Used To Actively Observe And Memorize Words	Observing Flashcards With Translations Of Words Evaluating Students' Knowledge Through Vocabulary Tests Hanging Flashcards On Walls For Students To Observe During Lessons
20.	Andari, I. A. M. Y., Wiguna, I. B. A. A., & Arini, N. M. (2022). THE USE OF FLASHCARDS TEACHING STRATEGY IN RECALLING ENGLISH VOCABULARY. Yavana Bhasa: Journal of English Language Education, 5(1), 4-13.	2022	Indonesia	unknown	Paper Discusses The Use Of Flash Cards As Instructional Media Aim Is To Improve Students' Vocabulary Mastery In Learning English Flash Cards Can Make Vocabulary Learning Enjoyable And Interesting Flash Cards Stimulate Imagination And Help Students Find New Vocabulary	Flash Cards Make Learning Vocabulary Enjoyable And Engaging For Students. Flash Cards Help Students Easily Memorize Vocabulary Through Clear And Colorful Pictures. Students Become More Active And Involved In The Learning Process. Teachers Should Use Flash Cards To Prevent Students From Getting Bored. Students Should Pay Attention To Flash Cards And Actively Participate In Language Practice.	Flash Card As Instructional Media To Enrich Vocabulary Mastery In Learning English.
21.	Nasution, A., & Rahim, R. (2022). The development of flashcard media to improve students' english vocabulary in english lessons at Islamic elementary school. JINOP (Jurnal Inovasi Pembelajaran), 8(2), 215-223.	2022	Indonesia	fourth-grade students consisting of 30 students elementary school	Covid-19 Has Affected Commerce And Education In Indonesia. Onsite Classes With Limited Hours Are Now Being Conducted. Teachers Need To Develop Effective And Innovative Learning Media. Flashcard Media Can Improve Students' English Vocabulary. The Study Aims To Develop Appropriate And Effective Flashcard Media.	Flashcard Media Was Validated And Deemed Suitable For Student Use. Flashcards Led To An Increase In Students' English Vocabulary. Flashcard Media Is Feasible And Effective For Student Learning. Teachers Can Use The Study's Results To Develop Their Own Flashcards. The Study's Limitations Suggest The Need For Further Research With More Subjects.	R&D Research With A 4-D Model (Defining, Design, Development, Dissemination) Feasibility Analysis Of Flashcard Media Validity By Expert Validators English Proficiency Test To Measure Increase In Students' Vocabulary
22.	Rachmadi, N. A., Muliati, A., & Aeni, N. (2023). The Effectiveness of Flashcards Media Strategy in Improving Young Learners' Vocabulary. TJournal of Excellence in English Language Education, 2(1).	2023	Indonesia	7th -grade students at SMPN 30	Study focuses on effectiveness of flashcards media strategy in improving young learners' vocabulary. Quantitative method used with pre-experimental research design. Sample taken from 7th-grade students at SMPN 30 Makassar. Digital and non-digital flashcards used as media strategies. Vocabulary components include animals, fruits, and transportation.	Flashcards media strategy is effective in improving young learners' vocabulary. Both digital and paper flashcards are equally effective in vocabulary improvement. Quizlet is a recommended digital media for vocabulary learning.	Quantitative method Pre-experimental research design
23.	Novtiani, N. (2022). THE USE OF OCTALAND FLASHCARD APPS AS MEDIA IN TEACHING VOCABULARY TO YOUNG LEARNERS (A Qualitative Research at Young Learners EFL Classroom). Jurnal JOEPALLT (Journal of English Pedagogy, Linguistics, Literature, and Teaching), 10(1).	2022	Indonesia	fourth -grade students	Vocabulary is important but difficult for students in English learning. Teachers can create an active and attractive classroom using teaching media. Flashcards are commonly used, but technology-based apps like Octaland Flashcard Apps are now available. Octaland Flashcard Apps use augmented reality and can be beneficial for English teaching.	Octaland Flashcard Apps make learning vocabulary enjoyable and motivating for young learners. Group work and discussions during the learning process have positive effects on students. The use of Octaland Flashcard Apps requires careful supervision and a good internet connection. Octaland Flashcard Apps can be a multifunctional media for teaching English.	Observation Interview Questionnaire
24.	HAIKAL, A. F. (2022). THE USE OF FLASH CARD FOR TEACHING VOCABULARY IN THE 3 rd GRADE OF MUHAMMADIYAH ELEMENTARY SCHOOL PURWOKERTO (Doctoral dissertation, STATE ISLAMIC UNIVERSITY).	2022	Indonesia	3rd-grade	Language is a communication tool used to convey ideas. English is an international language used for communication between countries. Learning vocabulary is essential in mastering English skills. Vocabulary helps in understanding and communicating in English. Teachers need to be creative and consider students' interests in	The paper concludes and verifies the data after the research. Flashcards can be used as effective teaching tools for vocabulary learning. Limited teaching time and lack of creativity and facilities are challenges in using flashcards. Students respond positively to using flashcards and enjoy learning with them.	Descriptive and qualitative research design Data collection techniques: observation, interviews, and documentation Data analysis techniques: data reduction, data presentation, and verification

					teaching. Vocabulary is the first step in learning a second language. The research aims to be helpful and add insight for future researchers.		
25.	Kurniati, E., Fitri, N., Jufrizal, J., & Fauzan, A. (2023). Use of flash card media to improve english vocabulary memory for class V students at SDN 205/IV Jambi. <i>Electronic Journal of Education, Social Economics and Technology</i> , 4(2), 66-71.	2023	Indonesia	3 primary students	The paper focuses on using flash card media to improve English vocabulary memory. The study aims to motivate 5th-grade students through fun learning media. The research tests students' memory skills and shows significant improvement. Interviews with teachers confirm that students are developing their vocabulary mastery. Vocabulary mastery is crucial for language learning and overall language skills.	The use of flash card media effectively improves English vocabulary memory. Students show enthusiasm and attentiveness during flash card learning. Students begin to develop mastery of English vocabulary. Vocabulary mastery is important for language learning and proficiency.	Qualitative research methodology Data collection through observation, interview, and tests Qualitative data analysis technique used for data analysis Findings compiled, classified, analyzed, and interpreted to draw conclusions
26.	Romadhon, L. R., & Hadi, M. S. (2021). The Use of Flashcard Media In Improving Students'ability In Learning Vocabulary At English Class Vii An-Nurmaniah Junior High School. <i>Getsempena English Education Journal</i> , 8(2).	2021	Indonesia	Junior High School	The paper focuses on improving students' vocabulary skills in English. Flashcard media is used as a strategy to enhance vocabulary mastery. The research is conducted at An-Nurmaniyah Junior High School. The study uses Classroom Action Research methodology. The research instruments include teacher and student activity sheets.	Flashcard media can enhance students' ability in learning English vocabulary. Flashcards make learning materials easier and improve students' vocabulary. Flashcards motivate students to be active in learning activities. Students' abilities in listening and speaking vocabulary can be enhanced with flashcards.	Classroom Action Research Problem-solving strategy Real action in innovative ability development process Stages: planning, implementation, action, observation, reflection Multiple cycles of research implementation Research instruments: teacher and student activity sheets Tests to assess ability to speak using flashcard media
27.	Jescintha, R. (2021). Vocabulary Development in College Students Using Quizlet Digital Flashcards-A Study. <i>Language in India</i> , 21(10).	2021	Indonesia	unknown	Teaching And Learning Process Requires Method, Media, And Content Material. Media Plays A Crucial Role In Directing Students' Motivation And Achievement. Vocabulary Is A Vital Element In English Teaching And Learning. Media Should Be Various, Qualified, And Tailored To Students' Needs. Vocabulary Teaching Involves Meaning, Pronunciation, Usage, And Diction.	Flashcards Can Be Used As An Effective Media In Teaching English Vocabulary. Flashcards Can Improve Students' Vocabulary Skills. Teachers Can Use Different Models Of Teaching Vocabulary Using Flashcards.	Classroom Action Research (Car) With Four Steps: Planning, Action, Observation, Reflection Two Cycles Of Action, Observation, And Reflection Preparation Of 6 Models Of Teaching Vocabulary Using Flashcards
28.	Fauziah, S. R. (2023). The Effect of Using Flashcard Media on Students' Vocabulary Mastery at the 7th Grade of MTs Zainul Hasan Sambirejo, Pare, Kediri. <i>English Teaching Journal and Research: Journal of English Education, Literature, And Linguistics</i> , 3(1), 56-70.	2023	Indonesia	32 7th Grade students	The Paper Focuses On The Effect Of Using Flashcard Media On Students' Vocabulary Mastery. Vocabulary Mastery Is Important In Learning English For Speaking And Writing. Flashcard Media Is A Simple Picture Used As An Educational Tool. The Study Used A Pre-Experimental Design With One Group. The Study Found That Using Flashcard Media Had A Significant Effect On Students' Vocabulary Mastery.	Flashcard Media Can Be Used As An Effective Tool For Teaching Vocabulary. Flashcard Media Can Improve Students' Vocabulary Mastery. Teachers Can Incorporate Flashcard Media In Their Vocabulary Instruction.	Quantitative Research With Pre-Experimental Research Design One-Group Pretest-Posttest Research Design Pre-Test And Post-Test Used To Measure Vocabulary Mastery
29.	Santika, R., Farizki, R., & Adiantika, H. N. (2023). English Language Learning with Flashcard Media and Educational Posters to Improve Language Education. <i>Journal of Social Science</i> , 4(3), 706-711.	2023	Indonesia	Primary school	The Paper Focuses On Improving Language Education Through Flashcards And Educational Posters. The Research Method Used Is Classroom Action Research. Flashcards And Posters Were Found To Be Effective In Improving Language Education. The Development Of Learning Media Is An Effort To Improve Education Quality.	Flashcards And Educational Posters Are Effective In Improving Language Education. Flashcards Help Develop Vocabulary Through Repetition Activities And Games. Poster Media In Teaching And Learning Activities Can Relieve Boredom. Learning Media Can Improve Students' Ability To Use Foreign Languages.	Thematic Analysis Techniques Classroom Action Research
30.	Tiwery, D. S. (2023). Increasing Students' Vocabularies Through Flash card Strategy At Eight Grade Of SMP Negeri 3 Pulau-Pulau Babar, Southwest Maluku. <i>Journal on Education</i> , 6(1), 2727-2732.	2023	Indonesia	29 students	The paper investigates the use of flashcards to improve students' vocabulary mastery. The findings show that using flashcards is an effective technique.	The use of flashcards can effectively increase students' vocabulary mastery. Flashcards can be a useful teaching technique for improving vocabulary skills.	The paper uses flashcards as a teaching method. The paper focuses on teaching verb vocabulary
31.	Yowaboot, C., & Sukying, A. (2022). Using digital flashcards to enhance Thai EFL primary school students' vocabulary knowledge (Doctoral dissertation, Mahasarakham University).	2022	Thailand	120 Thai primary school students	Study Investigates Impact Of Digital Flashcards On English Vocabulary Knowledge. Participants: 120 Grade Six Students In A Thai Efl Context. Experimental Group Taught With Digital Flashcards, Control Group With Grammar-Translation Method. Research Questions: Extent Of Digital Flashcards' Effect On Vocabulary Knowledge.	Digital Flashcards Enhance Vocabulary Knowledge Among Thai Primary School Students. Positive Attitudes Towards Digital Flashcards In Vocabulary Learning. Flashcards Are Effective For Vocabulary Learning And Boost Learners' Memory.	Quasi-Experimental Research Study With Control And Experimental Groups Control Group Taught Using Direct Translation, Traditional Method Experimental Group Taught Using Digital Flashcards Flashcards Prepared Using Microsoft Powerpoint Teacher Used Computer.

							Monitor, Lcd Projector, Speakers, Smartphones Or Tablets Treatment Period Included Eight 50-Minute Classes Lesson Plans Adapted From Gairns And Redman (1986) Practice Activities, Warm-Up Activities, Online Worksheets, Online Quizzes
32.	Syamsiyah, N., & Ma'rifatulloh, S. (2023). The Effectiveness of Using Flashcard to Improve Students' Vocabulary Mastery. <i>Journal of Science and Education Research</i> , 2(2), 25-30.	2023	Indonesia	108 students	English language skills are inadequate, especially vocabulary mastery. Flashcards are used to improve students' vocabulary mastery. Pre-experimental design with pre-test, treatment, and post-test. Sample of 19 students from class VII-D. Objective test with 25 multiple-choice questions. Significant improvement in vocabulary acquisition after using flashcards. Pretest mean score: 74.32, posttest mean score: 90.53. Flashcards found to be useful in improving vocabulary of students.	Flashcards were effective in improving students' vocabulary mastery. The average post-test score for students using flashcards was higher. The study supports the use of flashcards as a teaching tool. The findings can be applied to improve vocabulary instruction in classrooms.	One-group pre-test-post-test pre-experiment design Quantitative research Pretest and post-test to measure dependent variable Experimental treatment given to subject X Class VII-D at MTs Salafiyah Safiyah Seblak Diwek Jombang used as sample
33.	Samad, P. (2021). Using Flashcards to Improve Students' Vocabulary Mastery in SD Hafizh Al-Qurbah Parepare. <i>LETS: Journal of Linguistics and English Teaching Studies</i> , 2(2), 64-72.	2021	Indonesia	15 students	Teaching vocabulary is crucial for language skill development in elementary school. Flashcards are effective in improving students' vocabulary mastery. Classroom action research method is used to address teaching problems. The study was conducted in SD Hafizh Al-Qurbah Parepare with 15 students. Significant improvement in students' scores and activity was observed.	Vocabulary learning improves students' ideas and speaking skills in English. Flashcards effectively improve students' vocabulary mastery. Students' participation and activity increase through the use of flashcards.	Classroom action research (CAR) Flash cards as a teaching tool
34.	Hanum, A. (2023). The Use of Flashcards Media to Increase Students' Vocabulary Mastery for the Seventh Grade at MTs Darul Ulum Kudus (Doctoral dissertation, IAIN KUDUS).	2023	Indonesia	seventh grade	The paper focuses on the use of flashcards to improve vocabulary mastery. The research was conducted at MTs Darul Ulum Kudus. The subjects of the research were seventh-grade students, English teacher, and Principal. Primary and secondary data were used as data sources. Data collection techniques included interviews, direct observation, and documentation. The implementation of flashcards was successful in improving vocabulary mastery. Students were able to list adjectives and nouns related to people. Students could arrange sentences using words from the flashcards. Flashcards were effective due to brief and easily understandable messages. Flashcards prevented boredom and made the learning process enjoyable. Adjustments were made to accommodate different student abilities and class size. Solutions included using larger flashcards and providing motivation to students.	Flashcards can be used to increase vocabulary mastery in students. Flashcards should be adjusted to the number of students in the class. Flashcards should be presented in a larger size than usual. Providing motivation to students during flashcard activities is important. Teachers should create a pleasant atmosphere to achieve optimal learning conditions.	Qualitative research approach Field research method Data collection through interviews and direct observation
35.	Lubis, B. N. A., Sagala, R. W., & Niswa, K. (2023). FLASHCARD MEDIA EFFECTIVENESS IN ENRICHING STUDENTS' ENGLISH VOCABULARY AT VOCATIONAL SCHOOL. <i>English Review: Journal of English Education</i> , 11(1), 153-160.	2023	Indonesia	100 students	Flashcard Media Effectively Enriches Students' English Vocabulary At Vocational Schools. Descriptive Qualitative Research Method Used To Evaluate Flashcard Media Effectiveness. Flashcards Should Have More Variety To Cater To Vocational Students' Needs. Flashcards Help Students Improve Their English Pronunciation And Vocabulary Skills. Vocabulary Mastery Is Crucial For Fluent Communication In English.	Flashcard Media Effectively Enriched Students' English Vocabulary. Flashcard Media Should Be Applied Based On Student's Necessity. Flashcard Media Motivated Students In Learning And Increased Their Interest. Flashcard Media Expanded Students' Vocabulary In Vocational Schools. Flashcard Media Introduced New English Vocabulary Objects To Students.	Descriptive Qualitative Research Method Used. Researcher And Supporting Instruments Used To Collect Data. Interactive Analysis Technique Used For Data Analysis.

Results

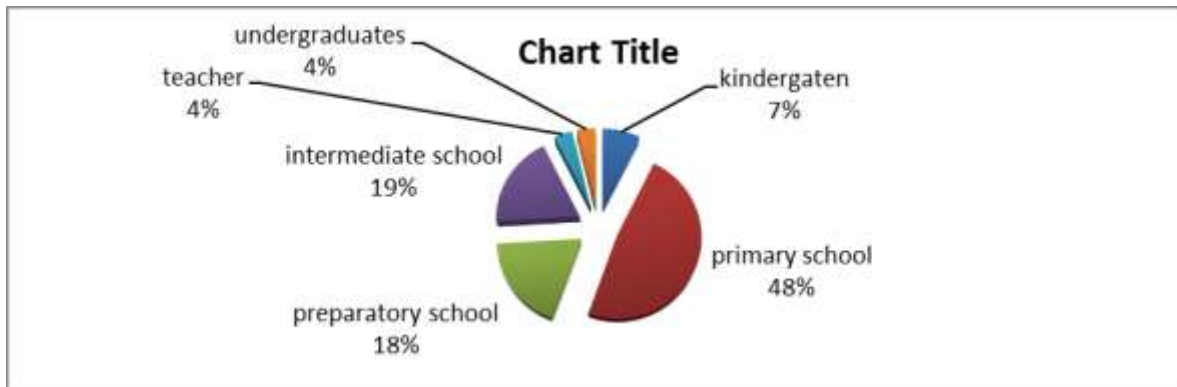
A. Distribution on a Year Base

The number of studies carried out between 2021 and 2023 is displayed on the graph. The graph displays the total number of papers gathered from journals and open-access databases. With fourteen research studies on the topic of utilizing flashcards to teach vocabulary, 2023 tops the list. The findings demonstrate how the study of flashcards in English language instruction has advanced since this method is a perfect way to apply empirical research to support students' meaningful learning in the classroom. There are ten papers in 2022 and eleven research papers in 2021. With ten publications, 2022 is the less concentrated year for vocabulary instruction using flashcards.



B. Educational Level of the Learners

The number of students and their educational level employed in the study were ascertained by carefully screening the article titles and abstracts. Figure 3, which is described below, shows the educational portion that is discussed in the articles. The educational levels included in the articles are undergraduates (4%), preparatory school (18%), intermediate level students (19%), primary school (48%), kindergartens (7%), and teachers (4%). Some articles did not mention the academic level of the research sample, there is lack of clarity about the educational levels mentioned in the articles.



C. Tools Used in the Articles

The flashcard strategy emerged as the main pattern in evaluating the papers on vocabulary teaching. Thirty-five publications comprised the final sample. This study does not include any similar studies that were published before 2021 or after 2023. The participants of the collected research ranged from primary school students to undergraduates; postgraduates were not involved in learning with flashcards. New terms, synonyms, antonyms, definitions, and vocabulary examples were all part of the strategy in the articles. The features of the studies for significant procedures and the conduct of upcoming research were scrutinized in relation to these articles. The majority of the terms used in the approach came

from academic word lists or the learners' syllabuses. Prior knowledge of the method was provided to the students before they used it. Due to this, the learners had to use the flashcards to learn new terms. This systematic literature review sheds light on the flashcard method of vocabulary instruction employed in the publications. At a time when multiple strategies were used in the process of teaching vocabulary, the researchers studied a flashcard to see how students might pick up new or unfamiliar terminology since they were interested in finding the most efficient way to teach vocabulary. Different tools were used to identify the influence of flashcards on students' level of vocabulary, such as interviews and direct observation, classroom action research (car), observation and documentation, questionnaires, tests to assess the ability to speak using flashcard media, and pretests and post-tests to measure students' advancement.

Discussion

A. Findings

This study has offered a thorough evaluation of the literature on the use of flashcards in the vocabulary instruction of English to students at various educational levels. This study places a strong emphasis on teaching vocabulary with flashcards because it recognizes the value of this teaching method and its efficacy in academic settings. This can be advantageous to the educators who use these tactics in classrooms, universities, and other academic settings. Generally, the findings point to the benefits of flashcard-vocabulary instruction for students' improved performance across a range of academic levels and memory development. These results support the idea that using flashcards in instruction might be a useful teaching strategy. According to the study's findings, the majority of research use pre- and post-tests to help learners learn vocabulary. Learning vocabulary is a prerequisite for learning foreign and second languages (Coady & Huckin, 1997; Harley, 1996; Nation, 2001). The most challenging aspect of language acquisition is expanding one's vocabulary. Given the significance of words in language and their ability to communicate meaning, study on the subject is beginning to pay more attention to them (Krashen, 1989). The study's findings also demonstrate that using flashcards and vocabulary-building exercises to aid in language acquisition improves academic achievement. Compared to adopting a traditional method, students are more interested and involved while using flashcards.

B. Limitation

The study is restricted to the chosen publications from 2021 to 2023. There are just two research questions included in the article's content analysis. Finding the articles was able to yield consistent results by using several databases for the article collection. Not all languages, not all teaching vocabulary related strategies, and not all periodicals are included in the scope of the article. It is restricted to using flashcard strategy in teaching vocabulary and the English language. Thus, the study has limitations in terms of finding comprehensive procedures for article searching and analysis during the composition of this systematic literature review.

C. Implications of Using Flashcards

Flashcards can improve memory and are useful for teaching vocabulary. They may also add fun and excitement to the learning process. Using flashcards for identification exercises, sentence construction, and discussion starters makes the classroom lively and engaging. Students can better assimilate and apply new language when they utilize flashcards. Flashcards may be utilized in school, university classes, and parent education since they are affordable, simple to manufacture, and portable. To aid in the learning process, hang flashcards with new language. One may also utilize colored flashcards to surround oneself with at home. Flashcards may be used to actively notice and recall words, or they can be utilized as a kind of fun and diversion for kids or students.

Conclusion

The study emphasizes the advantages of utilizing flashcards to teach vocabulary in English-language classes. Future research and analysis in the field of English language instruction will be impacted by this study. The studies showed that many strategies and activities that work well in a classroom setting. But employing flashcards is essential to fostering an effective learning environment. The study highlights the advantages of teaching English vocabulary through the use of flashcards. According to this systematic review article, using flashcards in English language classes for vocabulary instruction improves student performance.

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