THE COHESION AND COHERENCE IN BARACK OBAMA'S SPEECH TEXT "FINAL PRESIDENTIAL PRESS CONFERENCE OF YEAR"

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Abstract

This research aimed at analyzing the cohesion and coherence in Barack Obama's speech text "Final presidential press conference of year". This research designed by the qualitative method with descriptive approach. Then, researcher used the Miles, Huberman, & Saldana theory to analyze the cohesion and coherence in the speech text. The result of this research showed all of cohesion and coherence devices were found. The data of this research were words and phrases. Based on summary of the result, that Barack Obama's speech text "Final Presidential Press Conference of Year" contained grammatical cohesion devices, they are reference (34), subtitution (1), ellipsis (12), and conjuntion (60). And then, it contained the lexical cohesion devices. They are; reiteration (47) and collocation (11). Moreover, it contained the coherence devices. They are; repeat key nouns (9), consistent pronoun (5), transition signals (53), and the ideas in the speech text are arranged structurally. Based on the research finding, in the spech text, the cohesion devices dominanted in grammatical cohesion, especially in using conjuction. And the coherence devices dominanted in using transition signals. It is suggested that English learners' should pay attention about the usage of cohesion and coherence in order to create a good text as well as a speech. For the teachers, hopefully this research could be used to enrich their teaching material. And for the next researcher, can get information and knowledge to create a text grammatically and semantically.

Key Words: *Cohesion devices; coherence devices; speech text.*

Abstrak

Penelitian ini bertujuan untuk menganalisis kohesi dan koherensi di dalam teks pidato Barack Obama "Final presidential press conference of year". Penelitian ini dirancang dengan menggunakan metode kualitatif dengan pendekatan deskriptif. Kemudian, peneliti menggunakan teori Miles, Huberman, & Saldana untuk menganalisis kohesi dan koherensi di dalam teks pidato Barack Obama. Sebagai data dalam penelitian ini adalah kata-kata dan frasa-frasa sebagai perangkat kohesif dan koheren. Hasil penelitin ini menunjukan semua perangkat kohesi dan koherensi terkandung di dalam teks pidato tersebut. berdasarkan ringkasan hasil data, bahwa teks pidato Barack Obama "Final Presidential Press Conference of Year" terkandung perangkat kohesi gramatikal, antara lain; reference (34), subtitution (1), ellipsis (12), dan conjuction (60). Dan kemudian, terkandung perangkat kohesi leksikal, antara lain; reiteration (47) dan collocation (11). Lebih lanjut, terkandung perangkat koherensi, antara lain; repeat key nouns (9), consistent pronoun (5), transition signals (53), dan gagasan-gagasan di dalam tesk disusun secara teratur. Berdasarkan temuan peneltian, di dalam teks pidato tersebut, perangkat kohesi lebih

dominan di cohesi gramatikal, khususnya dalam menggunakan conjuction. Dan perangkat coherensi lebih dominan menggunakan transition signals. Berdasarkan hasil tersebut, peneliti menyarankan pelajar harus memperhatikan pemakaian cohese dan koherensi dalam rangka untuk menghasilkan teks maupun pidato yang baik. Bagi guru, peneliti mengharapkan penelitian ini bisa digunakan untuk menambah materi mereka dalam mengajar. Dan bagi peneliti selanjutnya, diharapkan dapat memperoleh informasi dan pengetahuan untuk menghasilkan sebuah text tang tersusun secara gramatikal dan semantik.

Key Words: Perangkat kohesi; Perangkat koherensi; Teks pidato.

A. Introduction

Language can not be separated from human's life because the language is used by humans to express themselves or things to others through the sounds or symbols in certain language which they use, both spoken language as well as written language. Language consists of words that is containing a meaning, namely abstrack relationships between words as a symbols and concepts in each of statements that stated. A language is system of arbitrary vocal symbols by means of which a social group cooperates (Bloch and Trager, 1942:5). Language used by human in a community to interact with each other. Language in community is as the tool of communication which is conveying the ideas, feelings and thoughts to other one.

In language, there are four skill; listening, speaking, reading, and writing skills. The four language skills are related to each other. Moreover, language skills have similarities with discourse which is discussing the use of language as a communication tool. Both of them placed as the communication tool because there are occured in communication and social interaction. Discourse is a relatively complex linguistic element, because it has a linguistic hierarchy starting from phonemes, morphemes, words, clauses,

phrases, and sentences. In linguistics hierarchy, the position of discourse is in the largest and highest position. This is caused discourse is as a grammatical unit as well as an object of linguistics elements needed in all forms of communication.

Discourse is a series of words that expresses a thing (subject) that presented regularly, systematically in a coherent whole formed by segmental prasegmental elements. Discourse is the most complete unit of language which is clauses and sentences, than discourse is built by elements of cohesion and coherence, it has a clear beginning and ending, sustainable, and is delivered orally and writing. It shows that cohesion and coherence are two factors that influence the text to be comprehended and arranged sistematically. Discourse places language as a communication tool, people should concern on comprehension. Therefore, discourse must be considered in the terms of coherent content or information and in terms the supporting elements order or forms in sentences.

Cohesion and coherence are the relationship of the sentences within a text which their existance make a text will be structured grammatically and semantically. Both of them form the tie of whole text. They are an important factor

which is necessary to convey the exact information that the author wishes. Cohesion and coherence are the parts which are contained in discourse that can not be separeted because they both function in a discourse as well as a speech. Cohesion is the harmonious relationship between one element and another in the discourse so as to create a slick or coherence understanding. And coherence is the semantic relationship between sentences or between parts of a discourse which its existence serves to create cohesion between parts in a text or speech.

Cohesion is expressed partly through and vocabulary. grammar Halliday and Hasan (1976)divide cohesion into grammatical and lexical cohesion. Grammatical cohesion includes devices such as reference, subtitution, ellipsis and conjuction. While, the lexical cohesion is divided into reiteration and collocation. Therefore, in text there must grammatical arrangement language and continuity of the meaning in that text itself. Halliday and Hasan (1976:1) state that in general, any units which is structured hangs together so as to form text. All grammatical units of sentences, clauses, groups, words are internallly cohesive simply because they are structured.

Coherence is the combination and consistency between units in the text or speech. In the structure of disourse, the coherence aspect is very necessary for its existence to organize the inner connection between one position to another in order to obtain whole of the text or speech itself. The existence of the element of coherence is not only in the text unit, but also in reader or listener's ability to connect meaning and interpret an acceptable form of discourse. Coherence occurs when the

senteces in a text hold together and they are semantically and logically related in some way. In other words, they are related in terms of their meaning. Furthermore, Oshima and Hogue 2006) state that coherence can be reached by four ways, they are the use of a repeating key noun, the use of the consistent pronoun, the use of transition signals to link ideas and through logical order.

Related with language used as a tool of communication, speech also as the way to comunicate or interact to others by using language. According to Agrawa, et (2018:68) speech is a form communication that is based combination of natural sound in the form of units. When these units are kept together, they may form a word or sentence. Halliday and Hasan (1976:293) state that the concept of cohesion refers to the linguistic means whereby texture is achived. Its means that the existence of cohesion within a text or speech is very important to achieve the text or speech structurally. Moreover, Oshima Hogue, (2006:21) emphasize that the sentences in speech must be coherent. It means that the sentences must hold together, that is the movement from one sentence to the next must be logical and smooth, they must be no sudden jumps and each sentence should flow smoothly into the next one.

In one of the Barack Obama's speech texts, it is about final presidential press conference of year. This speech is about the final speech of him in the year. It was discussing about how far America Country has come over the past eight years. The researcher chooses this speech text because this speech conveyed by Barack Obama which is as the president of America country. It known by many

people because it spread in whole of the world through publication of many social media and it contains the native language of English. Furthermore, it contains the organization of English elements such as cohesion and coherence, so it is understable.

Based on the explanation above, the researcher was very interested to know deeply how cohesive and coherent the Barack Obama speech text "Final Presidential Press Conference of Year". Therefore, the researcher conducted the research entitled: "The Cohesion And Coherence In Barack Obama Speech Text 'Final Presidential Press Conference of Year".

B. Research Method

This research is conducted by using descriptive qualitative research to analyze the cohesion and coherence contained in speech text Barack Obama "Final Presidential Press Conference of Year". Qualitative research involves collecting data an analyzing non numerical data to understand concepts, opinions or Gay, Mills, experiences. (2012:381) explain that qualitative research the collection, analysis, is and interpretation of comprehensive narrative and visual (i.e., non numerical) data to gain insight into a particular phenomenon of interest. Qualitative research relates to ideas, perceptions, opinions or beliefs of the person being studied and all of them can not be measured by number. The researcher used the descriptive qualitative method which aims to described what are grammatical and lexical cohesion devices contained in Barack Obama's Speech Text "Final Presidential Press Conference of Year", and how is coherent text of Barack Obama's Speech Text "Final Presidential Press Conference of Year".

The data of this research is the words or phrases used as cohesive devices and words or phrases that organize the coherent texts in Barack Obama's speech text "Final Presidential Press Conference of Year". Meanwhile, the source data which used in this research is the text of Barack Obama's speech "Final Presidential Press Conference of Year".

The data collection of this research documentation technique. the documentation technique involves analysis of documents, trascripts, magazines, news paper, etc. In this research, documentation intended is the text of Barack Obama's speech "Final Presidential Press Reference of Year". In this case, the researcher collected the data which is the cohesion and coherence devices contained in Barack Obama's speech text "Final Presidential Press Reference of Year".

The technique of data analysis that used by the researcher in this research was content analysis. According to Crowley and Delfico (1996:1) in content analysis, evaluator can do content analysis of video, film, other form of record and information. Furthermore, they state that content analysis is a systematic research method for analyzing word information in standardized way that allows evaluators to make inferences about that information. Content analysis is to a systematic reading of whole of text which refers to textual, meaning and content that contained within a text.

In analyzing the data of this research, there were three steps flows of activity. They were data condensation, data display, and drawing and verifying

conclussions. (Miles, Huberman & Saldana, 2020:8-10).

In analyzing the data of this research, there were three steps flows of activity. They were data condensation which refers to the process of selecting, foccusing, simplifying, abstracting, and transforming the data that appear in the full coupus (body) of written-up field notes, interview transcripts, documents, and other empirical materials. Then, data display which is designing a display, deciding on the rows and collums of a matrix for qualitative data and deciding with data, in which form, should be entered in the cells- are analytic activities. then, drawing and verifying conclussions. this steps, the researcher will describes the results of analyzing the data which from the start of data collection, the qualitative analyst interprets what things mean by nothing patterns, assertions, propositions, clausal explanations, and flows. Furthermore, the conclussions that have got will be verified as the analyst proceeds. The verification may be as a brief as a fleeting second thought crossingthe analyst's mind during writing.

C. Research Findings and Discussion

In this research, the presented data related to the main focuses of this research, they were to find out the grammatical, lexical cohesion devices and the coherence devices of BarackObama's speech text "Final Presidential Press Conference Of Year". In this research the researcher used Halliday and Hasan's theory, they divided two cohesion devices. They are grammatical cohesion and lexical cohesion. Grammatical cohesion divided devices, four they are reference, subtitution, ellipsis and conjuction.

Meanwhile, the lexical cohesion divided into two devices, they are reiteration and collocation. Furthermore, to find out the coherence of Barack Obama speech text "Final Presidential Press Conference of Year", the researcher used Oshima and Hogue's theory. They state that there are four to achieved the coherent text, they are repeat kev nouns, use consistent pronouns, use transition signals to link ideas and arrange your ideas in logical order.

Therefore, based on the data that acquired by the researcher in Barack Obama's speech text "Final Presidential Press Conference of Year". Those of data described in the tables below:

1. The grammatical cohesion devices contained within Barack Obama's speech text

Table 1. The Grammatical Cohesion Devices Contained in Barack Obama's Speech Text

Contained in Burden Obding 8 Speech			
Grammatical cohesion		Total	
devices			
	Personal	16	
Reference	reference		
	Demostrative	11	
	reference		
	Comparative	17	
	reference		
Subtitution		1	
Ellipsis		12	
Conjuction		60	
Total		117	

Designed by researcher 2023.

- a. Reference
- 1) Personal reference

One of the personal reference examples that contained in Barack Obama's speech text "Final Presidential Press Conference of Year" is:

"The unemployment rate was on its way to 10 percent. Today, it's at 4,6 percent---." (P.1. L.8).

Based on the example above, the sentences are cohesive. Because it contains

a cohesiveness between two sentences which is *it* in the second sentence is referred to *the unemployment rate* in the first sentence. The detail information about personal reference can be seen in appendixes 57, 58, 60, 62, 63, 64, 67, 68, and 69.

2) Demostrative reference

One of the demostrative reference examples that contained in Barack Obama's speech text is:

"We've cut our dependence on fereign oil by more than half, doubled production of renewable energy, enacted the most sweeping reforms since FDR to protect consumers and prevent a crisis on wall street from punishing main street ever again. None of these actions stified growth as critics predicted." (P.2. L.1).

Based on the example above, the text is cohesive. Because it contained the cohesiveness between sentences which is *these* in the second sentence referred to the previous sentences. The detail information about demostrative reference can be seen in appendixes 56, 58, 61, 62, 64, 66, and 69.

3) Comparative reference

One of the comparative reference examples that contained in Barack Obama's speech text is:

"When I came into office, 44 million people were uninsured. Today, we've covered more than 20 million of them." (P.1. L.11).

Based on the example above, the text is cohesive. Because it contained the comparative reference between sentences which is *more* in the second sentence is referent to 20 *million of them*. The detail information about demostrative reference can be seen in appendixes 55, 56, 57, 59, 60, 63, 65, 67, and 69.

b. Subtitution

One of the comparative reference examples that contained in Barack Obama's speech text is:

"Of course, to tout this progress doesn't mean that we're not mindful of how much more there is to do." (P.2 L.30).

Based on the example above, the text is cohesive. Because it contained the subtitution in the second sentence, it is *do* which subtitute *not mindful*. The detail information about subtitution can be seen in appendix 61.

c. Ellipsis

One of the ellipsis examples that contained in Barack Obama's speech text is:

"And almost every country on Earth sees America as stronger and more respected today than they did eight years ago." (P.2. L.21).

Based on the example above, the text is cohesive. Because it contained the ellipsis which *did* in the secondclause is ommits *more respected* in the first clause. The detail information about ellipsis can be seen in appendixes 56, 57, 59, 60, 61, 62, 63, and 68.

d. Conjuction

One of the conjuction examples that contained in Barack Obama's speech text is:

"This is the most wonderful press conference of the year. I've got a list of who's been naughty and nice to call on. But let me first make a couple of quick points, and then I'll take your questions." (P.1. L.2).

Based on the example above, the text is cohesive. Because it contained the conjuctions, they are *but* and *and then.But* in third sentence is connecting the previous sentence to forward sentence. And, *and then* in second clase of third sentence is connecting the previos clause

to forward clause. The detail information about conjuction can be seen in appendexes 54, 54, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, and 69.

2. The lexical cohesion devices contained within Barack Obama's speech text

Based on the data analysis, it was found that there are several lexical cohesion devices contained in Barack Obama's speech text "Final Presidential Press Conference of Year". They are; reiteration (repetition, synonym, superordinate, general word), and collocation.

Table 2. The Lexical Cohesion Devices Contained in Barack Obama's Speech Text

Contained in Darack Obunia 5 Specen		
Lexical cohesion devices		Total
Reiteration	Repetation	29
	Synonym	11
	Superordinate	5
	General word	2
Collocation		11
Total		58

Designed by researcher 2023.

a. Reiteration

1) Repetition

One of the repetition examples that contained in Barack Obama's speech text is:

"This is the most wonderful press conference of the year. I've got a list of who's been naughty and nice to call on. But let me first make a couple of quick points, and then I'll take your questions. Typically, I use this yearend press conference to review how far we've come over the course of the year." (P.1. L.1-5).

Based on the example above, the text is cohesive. Because it contained the repetition of phrase which is *press conference* in (P.1. L.1) is repeated in (P.1. L.4). Then *the year* in (P.1. L.1) is repeated in (P.1. L.5). The detail information about

repetition can be seen in appendexes 70, 71, 72, 73, 74, 75, 76, and 77.

2) Synonym

One of the synonym examples that contained in Barack Obama's speech text is:

"As I was preparing to take a office, the unemployment rate was on its way to 10 percent.---." (P.1. L.7).

"When I came into office, 44 million people were unisured.---." (P.1. L.11).

Based on the example above, shows that *the unemployment* in (P.1. L.7) is synonym with uninsured in (P.1. L.11). The detail information about synonym can be seen in appendexes 70, 71, 72, 73, 74, 75, 76, and 77.

3) Superordinate

One of the superordinate examples that contained in Barack Obama's speech text is:

"The stock market has nearly tripled. Since I signed Obamacare into law, our businesses have added more than 15 million new jobs." (P.2. L.4-5).

Based on the example above, shows that *businesses* is superordinate word of *stock market*. The detail information about superordinate can be seen in appendexes 72, 74, and 75.

4) General word

One of the general word examples that contained in Barack Obama's speech text is:

"When I came into office, 44 million people were uninsured. Today, we've covered more than 20 million of them. For the first time in our history, more than 90 preent of Americans are insured." (P.1. L.11-12).

Based on the example obove, shows that *people* is general word of *Americans*. The detail information about general word can be seen in appendex 71.

b. Collocation

One of the collocation examples that contained in Barack Obama's speech text is:

"We've seen the longest streak of job growth on record, and wages have grown faster over the past few years than any time in the past 40." (P.. L.8-10).

Based on the example above, shows that *growth* have a same context to *grown*. Then, *record* have a same context with *wages*. The detail information about collocation can be seen in appendexes 71, 72, 73, 74, 75, 76, and 77.

3. The Coherence Devices

Based on the data analysis, it was found that there are several coherence devices contained in Barack Obama's speech text "Final Presidential Press Conference of Year". They are; repeat key nouns, consistent pronouns, transtion signals and logical order.

Table 3. The coherece devices contained in Barack Obama's Speech Text

Coherence devices	Total
Key nouns	9
Consistent	5
pronouns	
Transition signals	53
Total	67

Designed by researcher 2023.

a. Repeat key nouns

One of the repeat key nouns examples that contained in Barack Obama's speech text is:

"even as the United Stated continues to be the world's largest donor of humanitarian aid to the Syrian people. That's wahat the Unites States is going to continue to push for," (P.52. L.19-23).

Based on the example above, the *the Unites States* in (P.53. L.19) is repeated in line L.23. The detail information about repetition key nouns can be seen in appendexes 78,79, 80, 81, 82, and 83.

b. Consistent pronouns

One of the consistent pronoun examples that contained in Barack Obama's speech text is:

Pronoun *I* in L1 is used consistently in the next sentence. (line 3,4,5,7,11, and so on). The detail information about consistent pronouns can be seen in appendexes 78, 79, 80, and 82.

c. Trasition signals

One of the transition signal examples that contained in Barack Obama's speech text is:

"Typically, I use this yearend press conference to review how far we've come over the course of the year." (P. 50. L.4)

Based on the sentence abouve, shows that transition signal, It is *typically* in line 4. *Typically* refers to the next sentences which related with the prvious sentences. The detail information about transition signal can be seen in appendexes 78, 89, 80, 81, 82, and 83.

d. Logical order

The text of Barack Obama's speech is organized some discussion. He started from introduction of main discussion about press conference of the year (P.50. L.1-6.). Then, it continued about the unemployment rate (P.50. L. 7-10.). Furthermore, he continued about the biggest day ever for HealthCare.gov. (P.50. L.12.).

Related with the biggest day ever for HealthCare.gov, he continued to discuss about the dependence on foreign oil. (P.51. L.1.). Foreign oil is one of America's bussineses which can be increase the America's economy. Furthemore, he continued to discuss about the poverty rate. (P.51. L.8.). Then, He told the protection investments that grow the midlle class. (P.51. L.11.). The next discussion is he told about the war where

the on foreign terrorist organizations has successfully executed an attack on America's homeland. (P.51. L.13-17.). after that, he discussed about the power of America. (P.51. L.18-23.). Then, he gives the thank expressions to the American people for the hard work. (P.51. L.25-28.). Furthermore, he continued to discuss about the difficulties of people although exist the progressions of America country. (P.51. L.29 – P.52. L.4.).

With the progression of America, he told about the conflict and the disputes, and his difficulties that he had faced as president. (P.52. L.5-9.). Then, discussed about what the America pushes is. (P.52. L.17-24.). After that, he told about the action of Russia to block the security council and to improve the delivery of humanitarian aid. (P.52. L.25-31.). And then, he continued to discuss about the Americans' incredible blessings and he told about the involvement of American in bearing burdens. (P.53. L.5-8.). and the last discussion is, he told about the American's values and ideals. Finally, the clossing expression.

Cohesion and coherence are the parts that can not be separated which their existance in discourse is very necessary. Both of them make the elements within a text as well as speech links and hangs together grammatically and semantically, so the text or speech itself makes the reader or listener can be understand. According to Halliday & Hasan (1976:5) cohesion is part of sistem of language. The potential of cohesion lies in systematic recources of reference, ellipsis and so on that built into the language itself. Furthermore, Halliday & Hasan (1976:6) divided cohesion into grammatical and lexical cohesion. Based on the finding, the speech of Barack Obama's speech text "Final Presidential Press Conference of Year" contained the grammatical cohesion devices. They are; reference (34), subtitution (1), ellipsis (12), and conjuction (60). And then, it contained the lexical cohesion devices. They are; reiteration (47), and collocation (11).

Furthermore, the speech text of Barack Obama "Final Presidental Press Conference of Year" contained coherence. The term coherence is to create the elements within a text hang together. According to Oshima and Hogue (2006:21) the Latin verb cohere means together". It means that the sentences must hold together, that is the movement from one sentence to the next must be logical and smooth, there must be no sudden jumps and each sentence should flow smoothly into the next one. Oshima & Hasan (2006:22) state that there are four ways to achieve coherence. They are; repeat key nouns, use consistent pronoun, use transition signals and arrange your ideas in logical order. Based on the finding, the coherence devices contained in barack speech text "Final Presidential Press Conference of Year" are repeat key nouns (9), use consistent pronouns (5), transition signals (53). And the ideas in the speech text are arranged in logical order.

So, the cohesion devices that contained in Barack Obama speech text "Final Presidential Press Conference of Year" is dominant in grammatical cohesion. And the grammatical cohesion devices are used dominantly in the speech text is conjuction. And then, the coherence devices are used dominantly in the speech text is transtion signal.

D. Clossing

Based on the data analysis the cohesion and coherence devices that the

researcher found in Barack Obama's speech text "Final Presidential Press Conference of year" were: grammatical cohesion devices are; reference subtitution ellipsis (1),(12),conjuction(60), lexical cohesion devices are; reiteration (repetition (29), synonym (11), superordinate (5) and general word (4)) and collocation (11), and coherence includes key nouns (9), consistent pronoun (5), transition signals (53), and logical order in the text is arranged logically and the text hangs together semantically.

So, the cohesion devices that contained in Barack Obama speech text "Final Presidential Press Conference of Year" is dominant in grammatical cohesion. And the grammatical cohesion devices are used dominantly in the speech text is conjuction. And then, the coherence devices are used dominantly in the speech text is transition signal.

Based on the data were found by researcher, it could be conculuded that the grammatical cohesion devices cohesion that contained in Barack Obama's speech text "Final Presidential Press Conference of Year" are; reference, subtitution, ellipsis, and conjuction. And, the lexical cohesion devices that contained are reiterations (repetition, synonym, general and word), superordinate, collocation. Meanwhile, the coherence the text of Barack Obama's speech "Final Presidential Press Conference of Year" is coherent. Because, it contained the parts of coherence achievement. They are; repeat key nouns, consistent pronoun, transition signals, and the ideas which arranged logically.

E. References

Adirasa Hadi Prastyo, D. (2021). Bookchapter Catatan Pembelajaran

- Dosen di Masa Pandemi Covid-19. 786236.
- Ade Andi Firman Zalukhu; Dkk. (2021). ANALYSIS OF INDONESIAN-ENGLISH CODE SWITCHING AND CODE MIXING ON FACEBOOK. Relation Journal: Research on English Language Education, 3(2), 1–10.
- Agrawal, S. S. 2018. Speech and Language Processing For Human-Machine Communications, Singapore: Spinger Nature.
- Bloch, B. and Trager, G. 1942. *Outline of linguistic Analysis*, Baltimore: Linguistic Society of America.
- Crowley, B. P., and Delfico, J. F. 1996.

 Content Analysis: A Methodology for
 Structuring and Analyzing Written
 Material, America: United States
 Accounting Office.
- Darmawan Harefa, Murnihati Sarumaha, Kaminudin Telaumbanua, Tatema Telaumbanua, Baziduhu Laia, F. H. (2023). Relationship Student Learning Interest To The Learning Outcomes Of Natural Sciences. International Journal of Educational Research and Social Sciences (IJERSC), 4(2), 240–246. https://doi.org/https://doi.org/10.51601/ijersc.v4i2.614
- Elisabeth Waruwu., D. (2021). ILLOCUTIONARY ACTS IN WONDER WOMAN MOVIE (2017). Relation Journal: Research on English Language Education, 3(2).
- Fau, A. D. (2022a). BUDIDAYA BIBIT TANAMAN ROSELA (HIBISCUS SABDARIFFA) DENGAN MENGGUNAKAN PUPUK ORGANIK GEBAGRO 77. TUNAS: Jurnal Pendidikan Biologi, 3(2), 10–18. https://jurnal.uniraya.ac.id/index.php/Tunas/article/view/545

- Fau, A. D. (2022b). Kumpulan Berbagai Karya Ilmiah & Metode Penelitian Terbaik Dosen Di Perguruan Tinggi. CV. Mitra Cendekia Media.
- Fau, Amaano., D. (2022). Teori Belajar dan Pembelajaran. CV. Mitra Cendekia Media
- Fau, Amaano., D. (2022). Teori Belajar dan Pembelajaran. CV. Mitra Cendekia Media.
- Gay, L. R. et al. 2012. Educational Research:

 Competence For Analysis And
 Applicationss, United States of
 America: pearson education, Inc.
- Gulo, Y. (2022). IMPROVING STUDENTS' VOCABULARY MASTERY ON NARRATIVE TEXT THROUGH MNEMONIC METHOD AT THE SEVENTH GRADE OF SMP 1 HURUNA. Relation Journal: Research on English Language Education, 4(1).
- Halliday, M. A. K., and Hasan, R. 1976. *Cohesion In English*, Hong Kong: Sheck Wah Tong Printing Press.
- Harefa, A., D. (2022). KUMPULAN STARTEGI & METODE PENULISAN ILMIAH TERBAIK DOSEN ILMU HUKUM DI PERGURUAN TINGGI.
- Harefa, D. (2018). Efektifitas Metode Fisika Gasing Terhadap Hasil Belajar Fisika Ditinjau Dari Atensi Siswa (Eksperimen Pada Siswa Kelas Vii Smp Gita Kirtti 2 Jakarta). Faktor Jurnal Ilmiah Kependidikan, 5(1), 35– 48.
- Harefa, D. (2020a). Belajar Fisika Dasar Untuk Guru, Mahasiswa dan Pelajar. CV. Mitra Cendekia Media.
- Harefa, D. (2020a). Belajar Fisika Dasar untuk Guru, Mahasiswa dan Pelajar. CV. Mitra Cendekia Media.
- Harefa, D. (2020b). Belajar Fisika Dasar Untuk Guru, Mahasiswa dan Pelajar. CV. Mitra Cendekia Media.

- Harefa, D. (2020b). Differences In Improving Student Physical Learning Outcomes Using Think Talk Write Learning Model With Time Token Learning Model. Jurnal Inovasi Pendidikan Dan Sains, 1(2), 35–40.
- Harefa, D. (2020c). Pengaruh Antara Motivasi Kerja Guru IPA dan Displin Terhadap Prestasi Kerja. Aksara: Jurnal Ilmu Pendidikan Nonformal, 6(3), 225–240.
- Harefa, D. (2020c). Teori Ilmu Kealaman Dasar Kajian Untuk Mahasiswa Pendidikan Guru dan Akademis. Penerbit Deepublish. Cv Budi Utama.
- Harefa, D. (2020d). Pengaruh Model Pembelajaran Problem Solving Terhadap Hasil Belajar IPA Fisika Siswa Kelas IX SMP Negeri 1 Luahagundre Maniamolo Tahun Pembelajaran (Pada Materi Energi Dan Daya Listrik). Jurnal Education and Development, 8(1), 231–234.
- Harefa, D. (2020e). **PENINGKATAN** HASIL BELAJAR SISWA DENGAN **PEMBELAJARAN KOOPERATIF** MAKE A MATCH PADA APLIKASI DAN PERPINDAHAN. **JARAK GEOGRAPHY** Jurnal Kajian, Penelitian Dan Pengembangan Pendidikan, 8(1), 1–18.
- Harefa, D. (2020f). Peningkatan Hasil Belajar Siswa Dengan Pembelajaran Kooperatif Make A Match Pada Aplikasi Jarak Dan Perpindahan. **GEOGRAPHY: Iurnal** Kajian, Penelitian Dan Pengembangan Pendidikan, 8(1), 1-8. https://doi.org/https://doi.org/10.31764 /geography.v8i1.2253
- Harefa, D. (2020g). Peningkatan Prestasi Rasa Percaya Diri Dan Motivasi Terhadap Kinerja Guru IPA. Media Bina Ilmiah, 13(10), 1773–1786.

- https://doi.org/https://doi.org/10.33758 /mbi.v13i10.592
- Harefa, D. (2020h). Peningkatan Strategi Hasil Belajar IPA Fisika Pada Proses Pembelajaran Team Gateway. JURNAL ILMIAH AQUINAS, 3(2), 161–186.
- Harefa, D. (2020i). Perbedaan Peningkatan Hasil Belajar Fisika Siswa Menggunakan Model Pembelajaran Think Talk Write Dengan Model Pembelajaran Time Token. Jurnal Inovasi Pendidikan Dan Sains, 1(2), 35–40.
- Harefa, D. (2020j). Teori Ilmu Kealaman Dasar Kajian Untuk Mahasiswa Pendidikan Guru dan Akademis. Penerbit Deepublish. Cv Budi Utama.
- Harefa, D. (2020k). Perbedaan Hasil Belajar Fisika Melalui Model Pembelajaran Problem Posing Dan Problem Solving Pada Siswa Kelas X-MIA SMA Swasta Kampus Telukdalam. Prosiding Seminar Nasional Sains 2020, 103–116.
- Harefa, D. (2021). Monograf Penggunaan Model Pembelajaran Meaningful Instructional design dalam pembelajaran fisika. CV. Insan Cendekia Mandiri. https://books.google.co.id/books?hl=e n&lr=&id=RTogEAAAQBAJ&oi=fnd& pg=PA1&ots=gmZ8djJHZu&sig=JKoL HfClJJF6V29EtTToJCrvmnI&redir esc =y#v=onepage&q&f=false
- Harefa, D. (2022). EDUKASI PEMBUATAN BOOKCAPTHER PENGALAMAN OBSERVASI DI SMP NEGERI 2 TOMA. Haga Jurnal Pengabdian Kepada Masyarakat, 1(2).
- Harefa, D. (2023). EFEKTIVITAS MODEL PEMBELAJARAN TALKING CHIPS UNTUK. Tunas: Jurnal Pendidikan Biologi, 4(1).

- Harefa, D. (2023). EFEKTIVITAS MODEL PEMBELAJARAN TALKING CHIPS UNTUK. Tunas: Jurnal Pendidikan Biologi, 4(1).
- Harefa, D., D. (2020). Teori Model Pembelajaran Bahasa Inggris dalam Sains. CV. Insan Cendekia Mandiri.
- Harefa, D., D. (2022). Kewirausahaan. CV. Mitra Cendekia Media.
- Harefa, D., Hulu, F. (2020). Demokrasi Pancasila di era kemajemukan. CV. Embrio Publisher,.
- Harefa, D., Hulu, F. (2020). Demokrasi Pancasila di era kemajemukan. CV. Embrio Publisher,.
- Harefa, D., Telambanua, K. (2020). Teori manajemen bimbingan dan konseling. CV. Embrio Publisher.
- Harefa, D., Telambanua, K. (2020). Teori manajemen bimbingan dan konseling. CV. Embrio Publisher.
- Harefa, D., Telaumbanua, T. (2020). Belajar Berpikir dan Bertindak Secara Praktis Dalam Dunia Pendidikan kajian untuk Akademis. CV. Insan Cendekia Mandiri.
- Harefa, D., Telaumbanua, T. (2020). Belajar Berpikir dan Bertindak Secara Praktis Dalam Dunia Pendidikan kajian untuk Akademis. CV. Insan Cendekia Mandiri.
- Harefa, Darmawan., D. (2023a). Teori belajar dan pembelajaran. CV Jejak. https://tokobukujejak.com/detail/teoribelajar-dan-pembelajaran-C7IUL.html
- Harefa, Darmawan., D. (2023a). Teori belajar dan pembelajaran. CV Jejak. https://tokobukujejak.com/detail/teoribelajar-dan-pembelajaran-C7IUL.html
- Harefa, Darmawan., D. (2023b). Teori Fisika. CV Jejak. https://tokobukujejak.com/detail/teorifisika-A1UFL.html

- Harefa, Darmawan., D. (2023b). Teori Fisika. CV Jejak. https://tokobukujejak.com/detail/teorifisika-A1UFL.html
- Harefa, Darmawan., D. (2023c). Teori perencanaan pembelajaran. CV Jejak. https://tokobukujejak.com/detail/teori-perencanaan-pembelajaran-GO5ZY.html
- Harefa, Darmawan., D. (2023c). Teori perencanaan pembelajaran. CV Jejak. https://tokobukujejak.com/detail/teori-perencanaan-pembelajaran-GO5ZY.html
- Istarani. (2012). 58 Model Pembelajaran Inovatif Referensi Guru Dalam Menentukan Model Pembelajaran. PT. Media Persada.
- Iyam Maryati, Yenny Suzana, Darmawan Harefa, I. T. M. (2022). Analisis Kemampuan Komunikasi Matematis dalam Materi Aljabar Linier. PRISMA, 11(1), 210–220.
- Iyam Maryati, Yenny Suzana, Darmawan Harefa, I. T. M. (2022). Analisis Kemampuan Komunikasi Matematis dalam Materi Aljabar Linier. PRISMA, 11(1), 210–220.
- Lincoln, Y. S. and Guba, E. G. 1985. *Naturalistic Inquiry*. Newbury Park, CA: Sage Publications, Inc.
- Halawa, E. (2021). DERIVATION AND INFLECTION ON SELENA GOMEZ SONG LYRICS IN REVIVAL ALBUM. Relation Journal: Research on English Language Education, 3(2).
- Halawa, E. (2023). CODE SWITCHING USED BY INTERNATIONAL TOURIST TO LOCAL PEOPLE IN SORAKE BEACH. Relation Journal: Research on English Language Education, 5(1), 29–37.
- Halawa, F. J. (2022). GRAMMATICAL DEVIATION IN RICH BRIAN'S

- SONG LYRICS. Relation Journal: Research on English Language Education, 4(1).
- Heldestina, L. (2022). AN ANALYSIS OF CONNOTATIVE MEANING IN LINKIN PARK "A THOUSAND SUNS ALBUM." Relation Journal: Research on English Language Education, 4(1).
- Hulu, R. (2021). TEACHING STRATEGIES USED BY ENGLISH TEACHERDURING PANDEMIC SITUATION AT EIGHTHGRADE OF SMP NEGERI 1 LAHUSA. Relation Journal: Research on English Language Education, 3(2).
- Laia, Marnidewi., D. (2021).
 TRANSLATION METHOD USED IN
 TRANSLATING SHORT STORY
 "THE GIFT OF THE MAGI" BY
 HARUM WIBOWO. Relation Journal:
 Research on English Language Education,
 3(2).
- Laiya, R. E. (2022).STUDENTS' **MOTIVATION** ΙN **LEARNING ENGLISH DURING PANDEMIC** COVID-19AT SMA **NEGERI** TELUKDALAM. Relation Iournal: Research on English Language Education, 4(1), 1–11.
- Loi, M. P. F. S. (2022). THE ENGLISH LEARNING QUALITY DURING PANDEMIC COVID-19 OF STUDENTS AT SMP NEGERI 1 TELUK DALAM. Relation Journal: Research on English Language Education, 4(1).
- Maiyer, C. 2000. *The Translator Studies In Intercultural Communication*, USA: Kent State University.
- Martiman Suaizisiwa Sarumaha, D. (2023).

 Pendidikan karakter di era digital.

 CV. Jejak.

 https://tokobukujejak.com/detail/pend

- idikan-karakter-di-era-digital-X4HB2.html
- Martiman Suaizisiwa Sarumaha, D. (2023).

 Pendidikan karakter di era digital.

 CV. Jejak.

 https://tokobukujejak.com/detail/pend
 idikan-karakter-di-era-digital
 X4HB2.html
- Mangkey, I., & Laiya, R. E. (2023). LANGUAGE MAINTENANCE (THE STUDY OF PAU SELLER ON JALAN SELAT PANJANG MEDAN). Relation Journal: Research on English Language Education, 5(1).
- Marlin Hati., D. (2021). DEIXIS IN JOHN GREEN'S NOVEL ENTITLED LOOKING FOR ALASKA. Relation Journal: Research on English Language Education, 3(2).
- Miles M. B. Et al. 2020. *Qualitative Data Analysis*, Thousand Oaks, California: Sage Publications, Inc.
- Oktaviana, F. (2014). Pengembangan Buku Teks Ilmu Pengetahuan Sosial Sekolah Menengah Pertama Kurikulum 2013 Kelas VII Semester 1. Skripsi. Semarang. Universitas Negri Semarang
- Oshima, A., and Hogue A. 2007. *Introduction To Academic Writing*, New York: Pearson Education, Inc.
- Rusman. (2011). Model-model Pembelajaran Mengembangkan Profesionalisme Guru. Raja Grafindo Persada.
- Sanjaya, W. (2009). Perencanaan dan Desain Sistem Pembelajaran. PT. Prenada Media Group.
- Sarumaha, M. D. (2022). Catatan Berbagai Metode & Pengalaman Mengajar Dosen di Perguruan Tinggi. Lutfi Gilang. https://scholar.google.com/citations?vi ew_op=view_citation&hl=en&user=8

- WkwxCwAAAAJ&authuser=1&citatio n_for_view=8WkwxCwAAAAJ:f6ydRqryjwC
- Sarumaha, M., & Harefa, D. (2022). Model Pembelajaran Inquiry Terbimbing Terhadap Hasil Belajar Ipa Terpadu Siswa. NDRUMI: Jurnal Pendidikan Dan Humaniora, 5(1), 27–36. https://jurnal.uniraya.ac.id/index.php/ NDRUMI
- Sarumaha, M., Harefa, D., Piter, Y., Ziraluo, B., Fau, A., Telaumbanua, K., Permata, I., Lase, S., & Laia, B. (2022). Penggunaan Model Pembelajaran Artikulasi Terhadap Hasil Belajar. Aksara: Jurnal Ilmu Pendidikan Nonformal, 08(20), 2045–2052.
- Sarumaha, Martiman S., D. (2023). Modelmodel pembelajaran. CV Jejak. https://tokobukujejak.com/detail/modelmodel-pembelajaran-0BM3W.html
- Sarumaha, Martiman S., D. (2023). Modelmodel pembelajaran. CV Jejak. https://tokobukujejak.com/detail/mod elmodel-pembelajaran-0BM3W.html
- Shoimin, A. (2014). 68 Model Pembelajaran Inovatif dalam Kurikulum 2013. AR-Ruzz Media.
- Surur, M., D. (2020). Effect Of Education Operational Cost On The Education Quality With The School Productivity As Moderating Variable. Psychology and Education Journal, 57(9), 1196– 1205.
- Surur, M., D. (2020). Effect Of Education Operational Cost On The Education Quality With The School Productivity As Moderating Variable. Psychology and Education Journal, 57(9), 1196– 1205.
- Telaumbanua, M., Harefa, D. (2020). Teori Etika Bisnis dan Profesi Kajian bagi Mahasiswa & Guru. Yayasan

- Pendidikan dan Sosial Indonesia Maju (YPSIM) Banten.
- Tonius Gulo, D. H. (2023). Identifikasi Serangga (Insekta) yang merugikan Pada Tanaman Cabai Rawit di Desa Sisarahili Ekholo Kecamatan Lolowau Kabupaten Nias Sealatan. Jurnal Sapta Agrica, 2(1), 50–61.
- Umi Narsih, D. (2023). Bunga rampai "Kimia Analisis farmasi." Nuha Medika.
 https://www.numed.id/produk/bunga -rampai-kimia-analisis-farmasi-penulis-umi-narsih-faidliyah-nilnaminah-dwi-ana-anggorowati-rini-
- Umi Narsih, D. (2023). Bunga rampai "Kimia Analisis farmasi." Nuha Medika.

wetri-febrina-a-tenriugi-daeng/

kartika-dewi-darmawan-harefa-jelita-

https://www.numed.id/produk/bunga -rampai-kimia-analisis-farmasipenulis-umi-narsih-faidliyah-nilna-

- minah-dwi-ana-anggorowati-rinikartika-dewi-darmawan-harefa-jelitawetri-febrina-a-tenriugi-daeng/
- Wiputra Cendana., D. (2021). Model-Model Pembelajaran Terbaik. Nuta Media
- N. STUDENTS' Zebua, (2022).**DIFFICULTIES** ΙN COMPREHENDING **NARRATIVE** TEXT AT THE ELEVENTH GRADE SMA **SWASTA FAJARMAS** BAWONAURU. Relation Iournal: Research on English Language Education, 4(1).
- Ziliwu, S. H. dkk. (2022). ANALISIS KEMAMPUAN KONEKSI MATEMATIKA PADA MATERI TRANSFORMASI SISWA KELAS XI SMK NEGERI 1 LAHUSA TAHUN PEMBELAJARAN 2020/2021. Afore: Jurnal Pendidikan Matematika, 1(1), 15–25.