


## USING QUILLBOT GRAMMAR CHECKER TO HELP STUDENTS WRITING SKILLS AT SMA 9 MUHAMMADIYAH MAKASSAR

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ARTICLE INFO	ABSTRACT
<p><b>Article history:</b> Received: March 21, 2023 Revised: June 25, 2023 Accepted: July 12, 2023 Published: June 30, 2025</p> <p><b>Keywords:</b> Quillbot Students writing skills Grammar checker</p>	<p>The objective in this research was to help students in writing with using quillbot grammar checker at SMA 9 Muhammadiyah Makassar in the academic years of 2022/2023. the study used quantitative research as its methodology. Pre-test and post-test about composing recount text were employed in this study. Students in the XI class at SMA 9 Muhammadiyah Makassar during the academic years 2022-2023 were focus of this study. In this study, samples were chosen at random, and the total population was 122 students, and the sample number was 24 students. The researcher used the writing test to gather quantitative information. The type of test was a recount text in which different topics are given to recount. The mean score of pre-test in the terms of students' writing was 76, while in the post-test was 93, 4, and the improvement was 22, 89%. It could be concluded that helping students' writing shows that the using quillbot grammar checker improved the students' writing, especially in terms of content, organization, vocabulary, language use, and mechanics. It indicated that there is significant improvement in students writing skills after being used quillbot grammar checker. Based on the result, quillbot grammar checker needed by students. It showed that using quillbot grammar checker was effective to help in learning process especially in writing. The researcher advised students to use any similar tools or website if it necessary but don't forget to learn more about writing and always keep practice.</p> <p style="text-align: right;"><i>This is an open access article under the <a href="#">CC BY-SA</a> license.</i></p> 
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## INTRODUCTION

Writing is one of the abilities required for English language majors. Writing is opposite kind of the spoken word that is expressed visually or figuratively, according to brown in Ramadani (2013). Writing is defined in oxford living dictionaries as a pattern of written or drawn letters, word, or symbols. Out of all the considering the definitions provided, one may say that the act of writing is ways in which people employ language phrases or symbols to convey their ideas or thoughts when writing people need to have a goal. Writing actually requires in depth knowledge and careful consideration when students' write words, phrases, and paragraph simultaneously with proper English grammar. Grammar in English is more complex than grammar in Indonesia. When students' don't have a thorough understanding of the grammar in English. Many students' usually commit grammar errors in their education, particularly in writing. But sometimes the teacher was ignorant concerning errors made by students'. The students continued to make blunders after that because they lack the solution and it was an error, as we have stated it.

Students' should improve their writing skills, and teachers should encourage this in them. Students currently lack writing skills because they spend so much time on their smartphones and other electronic devices. They search instead of studying language skills, wasting valuable time and imitating others. They should write more often for the various benefits it will have on their future success. Students should learn proper language usage, acceptable spelling and how to write coherently through writing process.

Quillbot is an online tool that helps writers paraphrase their writing, prevent plagiarism, summarize lengthily sentences, and enhance their grammar for more clarity and look professional. Students have access to sizable selection from which to select to examine their writing, even though some features are locked and limited to premium users and closed. This quillbot grammar checker use AI (Artificial Intelligence) to automatically scan text for grammatical, punctuation, and spelling issues, highlighting them and allowing users to change them individually or all at once with push of a button. Users can also alter and paraphrase their writing as they go. Based on interviews the teacher. When writing, students' are still used the incorrect tenses, so the researcher interested to help students' in writing with using quillbot grammar checker. The researcher will conduct research on SMA 9 Muhammadiyah Makassar. The researcher uses a quantitative research/ pre-experimental design for collecting data.

## RESEARCH METHOD

The researcher used a one group pre-test post-test design. A random sampling technique was applied to obtain the results; the researcher used the writing test to gather quantitative information. The type of test was a recount text in which different topics are given to recount. In this case, the researcher used quillbot grammar checker as a treatment to help and support students' in writing. The Post-test was given a test at the end of experiment. The goal was to help students in writing using quillbot grammar checker. The

data was processed for the pre-test and post-test in data analysis. This research used quantitative analysis with the use of the SPSS application, version 15.0.

## RESULT AND DISCUSSION

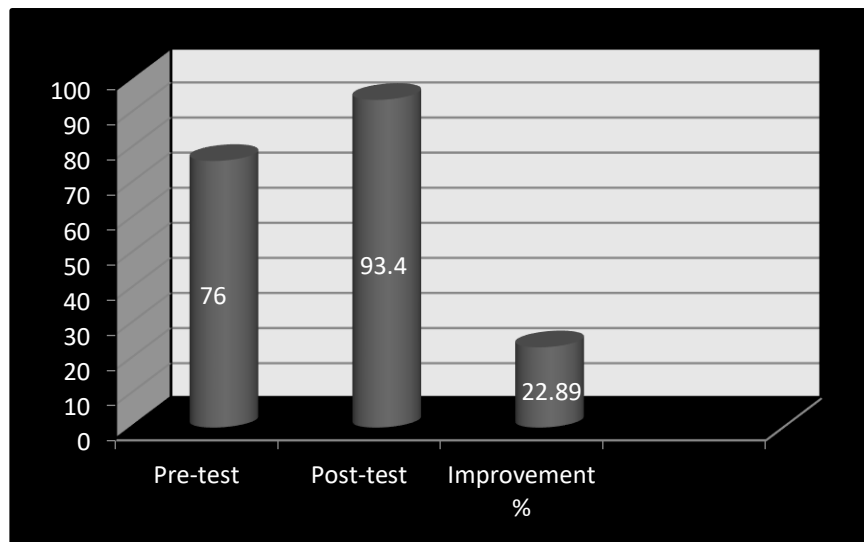
### A. Result

The average score and improvement of the students' writing in term of Content, organization, vocabulary, language use, and mechanics, it was shown in the following table below:

**Table 1. Average Score and improvement the students' writing in term of Content, organization, vocabulary, language use, and mechanics**

Indicators	Mean Score		Improvement (%)
	Pre-test	Post-test	
Content	76,29	94,75	24,20
Organization	80,83	98,75	22,17
Vocabulary	78,95	95	20,33
Language use	73,66	90,5	22,86
Mechanics	73,33	90,83	23,86
Students' Writing Skills	76	93,4	22,89

The table 1.4 shows how the students writing has improved in content, organization, vocabulary, language use, and mechanics as a result of using quillbot grammar checker. The average pre-test content score for the students was 76, 29 while the post-test content score was 94, 75 representing an improvement of 24, 20%. The pre-test mean score for organization was 80,83 while the post-test mean was 98,75 and the improvement was 22,17%, for vocabulary the pre-test mean was 78,95 while the posttest mean was 95 and the improvement was 20,33%, the post-test mean score in terms of language was 90,5 and the improvement was 22,86%, while the pre-test mean score was 73,66, the mean score of pre-test in the terms of mechanics was 73,33, while in the post-test was 90,83 and the improvement was 23,86%.



**Figure 1 Graphic of Pre-test and post-test in Term of Students Writing Skills**

Is seen at figure 1.1 above there was a difference in the improvement at the average pre-test result in the terms of students' writing was 76, while in the post-test was 93,4 , and the improvement was 22,89%. It could be concluded that helping students' writing shows that the using quillbot grammar checker improved the students' writing, especially in terms of content, organization, vocabulary, language use, and mechanics.

## **B. Discussion**

24 students participated in the pre-test and post-test classes and their data was used to produce the result. Table 1.4, which contains a pre-test mean 76 for content, pre-test mean 80 for organization, pre-test mean 78 for vocabulary, pre-test mean 73 for language use, pre-test mean 73 for mechanics, and pre-test mean 76 for students writing skills, and before treatment with the quillbot grammar checker in students writing. Then the mean post-test scores were increased to 94 for content, the mean post-test 98 for organization, the mean post-test 95 for vocabulary, the mean post-test 90 for language use, the mean post-test 90 for mechanics, and the mean post-test 93, 4 for students writing skills following treatment. As a result, the mean student score on the post-test is higher than pre-test score . From the statement above, it is concluded that using quillbot grammar checker to help students writing skills make it easy for students to correct their given writing assignment. Quillbot also offers an automated writing evaluation (AWE) on the grammar checker features, similar to the research by Chapelle & Sauro (2019), it was believed that this application would benefit students, author, bloggers, academic personnel, etc. using various forms of technology in language in learning and instruction makes students feel less worried and more motivated, according to the findings of (Ariyanti & Anam 2021), According to research by (Styati & Irawati 2020), using technology with a variety of features for writing components can have a big effects on how well students write. With the help of quillbot

tools, students can organize their work, avoid plagiarism, and use perfect grammar when proofreading, editing, and paraphrasing.

Students are more interested in using technology since it makes learning easier when this quillbot grammar checker is used. In addition, it is simple to access and understand. Additionally, pupils performed better on the post-test than they did on pre-test. This indicates that the success of the method used to teach and learn english in classroom is positively impacted by employing quillbot to assist students. When using quillbot grammar checker as a treatment and being taught about simple past tense, students should have understood it in the pre-test, but in the post test, it was easier for them to write recount text, which might assist the english teacher in attracting students interest and making writing assignment simpler for them. Finally, after using quillbot grammar checker, students grades XI showed a substancial rise in their writing skills.

## CONCLUSION

Based on the result of findings and the disscussion of the result, the researcher found that the use of quillbot grammar checker can help students writing skills at SMA 9 Muhammadiyah Makassar, than it was proved by the mean score of students post-test (93,4) which is higher than pre-test (76) its better than before.

Based on the result, quillbot grammar checker needed by students. It showed that using quillbot grammar checker was effective to help learning process in writing especially in term:

1. Content 76,29 improved to 94,75
2. Organization 80,83 improved to 98,75
3. Vocabulary 78,95 improved to 95
4. Language use 73,66 improved to 90,5
5. Mechanics 73,33 improved to 90,83
6. Students writing 76 improved to 93,4

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