The effectiveness of CTL on the students' news writing skill Novelti^{1*}, Erpidawati², and Rahma Putri³

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ABSTRACT This study examined the impact of the Contextual **KEYWORDS** Teaching and Learning (CTL) approach on students' news contextual writing skills. This is a quantitative study that employs learning, news experimental methods. This study's population consisted of eighth-grade students from SMPN 2 Padangpanjang who were enrolled in the 2020/2021 academic year. VIII B was chosen as the experimental class, and VIII A was chosen as the control class. The homogeneity test was used to determine the homogeneity of variance in the population class. The Barlett test was used to determine the number of samples, which was determined to be two classes of 64 people. Writing news performance tests was used as a data collection technique. The ttest formula is used to determine the effect as well as test the hypothesis. The results revealed that the control class students' average news writing skills were more than adequate, whereas the experimental class students' news writing skills were perfect. This is because the experimental class has implemented CTL, which makes it easier for students to write news using the language's structure and rules. Based on the study's findings, it is possible to conclude that the use of CTL has an impact on students' news writing abilities.

1. INTRODUCTION

teaching

writing

Writing news texts is one of the skills required by the curriculum 2013 in junior high schools for Indonesian language subjects in class VIII during the first semester. This is in line with Basic Competence 4.2, which states that presenting data, information in the form of news orally and in writing while paying attention to structure, language, or oral aspects (intonation, expression, kinesthetic). Writing skills are a problem for

students as well as a global issue. The ability to write does not come naturally to anyone; instea it requires systematic practice. This is evide from the research that has been conducted Kellogg (2008) in USA that writing ski necessitate systematic training and instruction order for well-managed attention to coordinate t various processes of writing and representation. The last stage before a news article reaches the consumers is the very process of writing, in which the journalist, among other things,

makes deliberate choices concerning the content and form of the news, i. e. choices pertaining to

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what to communicate, on the one hand, and how to communicate it, on the other (Haugaard, 2018). Writing activities involve several factors, including the writer as the message's delivery, the writing's content, the channel or media, and the reader (Nisja, 2019). Teachers, on the other hand, can assess the objectives provided, identify strengths and weaknesses, and devise new strategies to improve the learning process and writing skills (Novelti et al., 2019). Furthermore, students can improve their writing skills if they are accompanied by a learning process and practice (Wilda Fathia, Wahidah Fitriani, 2021)

Several causes of students' low news writing skills were discovered based on preresearch in the field. First, many students are unable to express events factually and have not met the 5W + 1H technical requirements, what, who, where, when, why, and how, as well as the ineffectiveness of sentences and EBI in writing news. Second, each student was given an assignment; many students complained that writing news was a difficult and boring task. The three students had no desire to write news. In learning to write news, the four teachers did not take the proper approach.

These issues also affect students in class VIII at SMPN 2 Padangpanjang. According to the findings of interviews conducted on February 1, 2020 with Mrs. Nafiska Eriandini, S.Pd. the Indonesian language teacher, students' news text writing skills remain low. Completeness is only 39.19 percent, while incompleteness is 60.81 percent, with a class average 67.3 of 163 students, and many student scores are still below the school's standard minimum 75, indicating that learning to write news texts is difficult for students.

Several indicators point to a lack of skill in writing news articles. (1) students have not been able to identify news elements, develop news elements into sentences that are consistent with the intent of the news elements, and correctly arrange news texts; and (2) teachers have not maximized the use of news stories learning approaches. To overcome these issues, a learning approach is required. Contextual Teaching and Learning Approach (CTL) is one approach that can be used to encourage student activity in learning activities (Tari & Rosana, 2019). The CTL approach is one method of learning that can be used.

CTL learning emphasizes full student participation, both physically and mentally. According to the CTL approach, learning is not a process of memorizing, remembering facts, demonstrating, and practicing repeatedly, but rather a process of experiencing real life in the open world. The CTL approach is a learning approach that links the conditions of everyday life with the concept of learning (Fauziah & Nurita, 2019). The CTL approach to learning to write news can improve achievement because students are more motivated to learn or have the confidence to explore something new, making them enthusiastic about participating in the learning process.

According to Sanjaya (2006), (Haryanto & Arty, 2019), (Yuwandra & Arnawa, 2020), (Hobri et al., 2018), CTL is a learning approach that emphasizes the process of full student involvement in order to locate the material being studied and relate it to real-life situations in order to encourage students to be able to apply it in real-life situations. CTL is a concept that helps teachers to associate the learning material with the students' real-world situations and encourage students to make connections between knowledge possessed by its application and their daily lives (Rahman et al., 2017). The following are the broad steps for implementing CTL in the classroom 1) Develop the idea that students will learn more meaningfully by working alone, discovering themselves, and constructing their own new knowledge and skills; 2) Carry out as many inquiry activities as possible for all topics; 3) Develop students' curiosity by asking and or discussing; 4) Create a learning community; 5) Use the model as an example of learning; 6) Reflect at the end of the meeting or face-to-face; 7) Do the actual assessment in various ways (Qurnaini, 2013). (Rusman, 2010) suggests that the effect of CTL can improve learning outcomes because students are more eager to know new things so they don't get bored in the learning process. This has a significant effect on student achievement in school and can be applied in their lives. By using the CTL approach, the learning process can be carried out calmly and pleasantly. This requires teachers to be more creative in creating a conducive environment. The learning process is said to be effective if all students are actively involved both mentally, physically, and socially (Indrianty, 2018).

Based on the explanation above, the CTL approach is a viable option for learning Indonesian, particularly for learning to write news. Therefore, this study aims to analyze the effect of the CTL approach on students' news writing skills.

2. METHODS

2.1 Type Of Research

This is a quantitative study that employs experimental methods. According to (Arikunto, 2015), the entire research subject is the population. The study population consisted of all students of class VIII SMPN 2 Padangpanjang, which consisted of 6 class VIII totaling 163 people, as shown in the table below.

TABLE 1. SMPN 2 Padangpanjang	Class VIII
Student Population Academic Year	2020/2021

	No	Class	Population
	1	VIII A	32
	2	VIII B	32
	3	VIII C	32
	4	VIII D	32
	5	VIII E	17
	6	VIII F	18
		Total	163
a '			

Source: Padangpanjang SMPN 2 Administration

The homogeneity test was used to determine the sample. The Barlett test is used for homogeneity, with the appropriate steps proposed by (Cahayaningsih, 2017). Based on the homogeneity test, class VIII B was chosen as the experimental class and VIII A as the control class, resulting in a total of 64 samples in this study. Observation sheets and news writing performance tests were used to collect data. The data analysis technique includes descriptive, requirements testing, hypothesis testing, determining the effect, and testing the hypothesis using the t-test formula.

2.1 Data analysis techniques

According to (Delianti et al., 2018), The standard deviation formula is used to determine the effect as well as to test the hypothesis with a t-test:

$$s = \sqrt{\frac{n\sum_{i=1}^{n} x_i^2 - (\sum_{i=1}^{n} x_1)^2}{n(n-1)}}$$

Note: 2 = variance

s = standard deviation

xi = score x to- i

= average<u>http://www.rumusstatistik.com/2013/07/</u> rata-rata-mean-atau-rataan.html n = size of the sample

The formula is then used to determine the effect of variables on one another.

$$t = \frac{\overline{X_1} - \overline{X_2}}{s\sqrt{\frac{1}{n_1} + \frac{1}{n_2}}} \quad \text{with} \quad S^2 = \frac{(n_1 - 1)S_1^2 + (n_2 - 1)S_2^2}{n_1 + n_2 - 2}$$

Note:

S

n₁

 $\overline{X_1}$: the average score of the experimental class $\overline{X_2}$: the average score of the control class

: standard deviation of mixed

: number of students in the control class

 n_2 : number of students in the experimental class

3. RESULTS

In general, the comparison of the control and experimental classes of news writing skills for class VIII SMPN 2 Padangpanjang with the results of the calculation for the control class the sum of all values of linguistic structure and rules is 2157/32 = 67.42, while the experimental class with the sum of all values of linguistic structure and rules 3125/32=97.66. The first hypothesis is that there are differences of students' news writing skills in Indonesian subjects between the control class, students who are not taught using the CTL approach, and the experimental class taught using the CTL. The data from the tests can be found in the table below.

TABLE 2. Control Class and ExperimentClass News Writing Skills for SMPN 2Padangpanjang Eighth Grade Students

Group	t_count	t-table	
B1> <b2< td=""><td>6.8888</td><td>2.080</td><td></td></b2<>	6.8888	2.080	

According to table 2, the significance is \mathbf{X} 0,05, dk 32 t-count 6.8888 is higher than t-table 2.080. According to the calculation, Ho is rejected because t-count>t-table (6.88>2.080), whereas Ha is accepted. As a result, it can be concluded that the experimental class CTL learning approach resulted in a higher news writing skill score than the control class.

The second hypothesis is that there are differences in the news writing skills of students in the experimental class who are taught using CTL approach compared to the group of students in the control class. The data from the tests can be found in the table below.

TABLE 3. News Writing Skills for ExperimentClass and Control Class for SMPN 2Padangpanjang Class VIII Students

Group	t-count	t-table
B1> <b2< th=""><th>5.967</th><th>1.677</th></b2<>	5.967	1.677

Table 3 shows that, with a significance of = 0.05, t-count 5.976 is greater than t-table 1.677. Based on the outcomes of these calculations, Ho is rejected because t-count > t-table (5,967 >

1.677), whereas Ha is accepted. Thus, in the experimental class, the group of students writing news using the CTL approach outperformed the control group in terms of news writing skills. The third hypothesis is that there is an effect of using the CTL approach in the experimental class versus the control class group of students. The data from the tests can be found in the table below.

TABLE 4. Results of the Analysis of theExperimental Group and the Control Class forSMPN 2 Padangpanjang Class VIII Students

Group	t-count	t-table
B1> <b2< td=""><td>11.66</td><td>1.677</td></b2<>	11.66	1.677

Table 4 shows that with a significance of = 0.05, t-count 11.66 is greater than t-table 1.677. The results of these calculations show that Ho is rejected (because 11.66 > 1.677) and Ha is accepted. Thus, when comparing the experimental class to the control class group of students, there is a very significant effect of news writing skills using the CTL approach.

4. DISCUSSION

4.1 Class VIII SMPN 2 Padangpanjang as Control Class News Writing Skills

According to data analysis, the average news writing skills of students in class VIII of SMPN 2 Padangpanjang are 67.42. According to the arithmetic average, the control class students' news writing skills are more than adequate. According to the 10-scale conversion, the average value is between 66 and 75 percent. The control class students' news writing skills can be assessed by analyzing the indicators assessed, structure and language. The average news writing skills score for students in the structural indicator control class is 74.06. indicating that they have more than adequate qualifications. This is due to the fact that there are still students who are unable to properly write news texts based on structure. With sufficient qualifications, the average score of news writing skills for class VIII SMPN 2 Padangpanjang control class linguistic indicators is 60.78. This is due to the fact that there are still students who have not been able to correctly write news texts based on linguistic indicators. Good and high-quality writing cannot be separated from the author's and the writer's control over the writing process. To comprehend EBI, raw words, diction, effective sentences, and so on (Azkiya et al., 2020)

As a result, many students are still unable to write down all indicators, both from the structural and linguistic aspects of writing news. Many students employ all structural and linguistic indicators, but their application is inappropriate (Fuad & Suyanto, 2021; Nurjaya, 2016)

4.2 Class VIII SMPN 2 Padangpanjang as Experiment Class News Writing Skills

According to data analysis, the average news writing skills of class VIII SMPN 2 Padangpanjang experimental class students is 97.66. According to the arithmetic average, the eighth grade students of SMPN 2 Padangpanjang in the experimental class have Perfect qualification, with values ranging from 96 to 100 percent. This is because the experimental class used CTL approach, which makes it easier for students to write news using the language's structure and rules.

Analyzing the indicators assessed, structure and language, can help to improve news writing skills for class VIII SMPN 2 Padangpanjang experimental class. The average score for class VIII SMPN 2 Padangpanjang experimental class structure indicators is 97.65. Based on the 10point conversion, the calculated average is in the 96-100 percent range with Perfect qualifications. This is because students can write news texts with a good structure, according to (Cahya S, 2012; Djurain, 2009; Kosasih, 2017) who believe that the structure of news texts is divided into three parts are news headlines, news bodies, and the tail of the news, which can be described as an inverted triangle. The headline contains the title and initial information, the news body contains important news information, and the news tail is the final section.

These results were obtained by following the steps proposed by Sanjaya (2006) for applying the CTL approach, a) introduction, (1) teacher explains competence, (2) teacher explains CTL learning procedures, (3) teacher conducts questions and answers around tasks that must be completed by each student, b) Core, (1) students make observations, (2) students record the things found, (3) students discuss the findings according to their respective responsibilities, and (4) each group responds to the questions posed by the others.

The average linguistic element score for class VIII SMPN 2 Padangpanjang experimental class is 97.68. Based on the 10-point conversion, the calculated average is in the 96-100 percent range with Perfect qualification. All linguistic elements, according to (Almasdi., 2005; Ermanto, 2005; Hasnun, 2006) include the use of standard language, direct sentences, conjunctions that, mental verbs, function adverbs of time, and temporal conjunctions.

4.3 The Effect of Using the CTL Approach in Learning to Write News for SMPN 2 Padangpanjang Class VIII Students

According to the findings and data analysis, there is a significant effect of using the CTL approach in learning to write news for students in class VIII at SMPN 2 Padangpanjang. This can be seen by comparing the average value of news writing skills using the CTL approach (97.66) to the average value of news writing skills not using the CTL approach (97.66). (67.42). Furthermore, it can be seen from the t-test results that t-count > t-table, the t-count 29.96 and t-table 1.66 at the real level 0.05, that Ho is rejected and Ha is accepted.

According to the findings of hypothesis testing, the experimental class's use of the CTL approach has a greater influence on students' skills in writing news than the control class, which does not use the contextual teaching and learning learning approach. This demonstrates that using CTL approach can help students improve their news writing skills.

According to the findings of the first hypothesis, there are differences in the news writing skills of students who do not use the CTL approach, or control class, compared to the experimental class, with a significance level of 0.05 and degrees of freedom n-2 (32-2=30). As a result, Ho is rejected. Because the test results show that t-count > t-table. Ha is accepted. The second hypothesis is that there are differences in news writing skills when using the CTL approach or the experimental class versus the control class, with a significance level of 0.05 and degrees of freedom n-2 (32-2= 30). As a result, Ho is rejected. Because the test results show that t-count > t-table, Ha is accepted. The third hypothesis, with a significance level of 0.05 and degrees of freedom n-2 (32-2=30), has a significant effect on the use of the contextual teaching and learning learning approach or the experimental class compared to the control class. As a result, Ho is rejected. Because the test results show that t-count > t-table, Ha is accepted. The calculation of the ttest formula against the hypothesis yielded t-count 6.55 at a significance level of 5% and t-table = 2.71, indicating that t-count> t-table (6.55>2.71).

Based on the findings of the data analysis, the following conclusions can be drawn: First, before using the CTL approach, students' learning outcomes in writing news stories were still poor. Second, after using the CTL approach, students' learning outcomes in news writing improved. Three, there are significant differences in learning outcomes between students in the experimental class who were taught using the CTL approach and students in the control class who were not taught using the CTL approach. As a result, the CTL approach has a significant impact on students' news writing abilities (Alfarobby & Parmin, 2012; Qurnaini, 2013; Sulaeman & Ariyana, 2018)

CTL is a learning approach that involves presenting material in a variety of contexts that are relevant to everyday life, both at home, at school, and in the larger community. The CTL approach to learning teaches students how to apply their knowledge and skills in a variety of contexts, both inside and outside of the classroom. According to (Rusman, 2010) in the CTL approach, the teacher relates the material he teaches to real-world situations in order to encourage students to make connections between the knowledge they already have and apply it in everyday life.

Teachers must use a suitable and appropriate approach, as well as the CTL approach, to improve students' writing skills. CTL learning principles include: 1) planning learning based on students' age, mental development, and condition, 2) forming study groups for discussion, 3) creating a supportive environment for independent learning, 4) recognizing the diversity of students' multi-intelligence, 5) considering student differentiation, and 6) using authentic assessment.

5. CONCLUSION

Based on the above-mentioned research analysis and discussion, it is possible to conclude that, first, there are differences in the learning outcomes of control class students who do not use a contextual teaching and learning approach compared to the experimental class of class VIII SMPN 2 Padangpanjang students with a significance level of 0.05 and degrees of freedom n -2 (32-2=30). As a result, Ho is rejected while Ha is accepted because the test results show that tcount > t-table. Second,. There are differences in the experimental and control classes' learning outcomes for students' news writing skills. As a result, Ho is rejected. Because the test results show that t-count > t-table, Ha is accepted. Third, with a significance level of 0.05 and degrees of freedom n-2 (32-2= 30), there is a significant effect on the results of the experimental class students' news writing skills compared to the control class of class VIII students of SMPN 2 Padangpanjang. As a result, Ho is rejected. Because the test results show that t-count > t-table (6.55 > 2.71), Ha is accepted.

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