UNIVERSITAS MUHAMMADIYAH SIDOARJO

UMSIDA
DARI SINI PENCERAHAN BERSEMI

Enhancing student vocabulary using wordwall in english specific for purpose in vocational school

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Research Background

- Based on the research results, it is known that the memorial ability of SMKN 2 Buduran class students in learning English is still very low, and also the teacher's learning model still uses the lecture method.

- Wordwall can help students concentrate, improve thinking skills and increase concentration in learning, and train the left and right brain.

- Therefore, the researchers of this study wanted to know the effect of Wordwall on vocational school level learning.

Research Gap

Previous reseacrh

(S. Syamsidar, R. M. P. Silalahi, A. Rusmardiana, F. Febriningsih, M. Taha, and E. Erniwati)
Syamsidar with the title "Wordwall on Mastery of Vocabulary in English Learning" in this journal research states that the results of this research show that the use of wordwall has a positive impact on vocabulary mastery in English learning. This research shows improvements in pronunciation and spelling skills, as well as making a positive contribution to students' ability to understand and use English vocabulary

This research

Will focus on teaching to improve students' memorial skills using Wordwall media at the vocational school level.

Research question

"Can Wordwall improve the mastery of ESP
Vocabulary for Vocational high school students?"

Research Methodology

Research design

The research in this study is quantitative with a pre-experimental design.

Research settings

This research was conducted at SMKN 2 Buduran.

Population and sample

The population to be used in this study consisted of ten graders at SMKN 2 Buduran.

Research Methodology

Data collection

- Pre-test and post-test were used in this study to assess students' learning outcomes.

Instrumen of research

- In research, an instrument can affect the quality of research results. Therefore, every device that will be used to research a problem must be validated first

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Data analyse

- Analyzed the data using a statistical program and service solutions (SPSS) version 26 to determine: Average value, Shapiro wilk normality test, Wilcoxon test to find out hypotesis before and after treatment.

Research Findings

	EXPERIMENT CLASS				CONTROL CLASS			
NO.	NAME BD 1	PRETEST SCORE	POSTTEST SCORE	NO.	NAME BD 2	PRETEST SCORE	POSTTEST SCORE	
1	ANR	60	85	1	AS	10	95	
2	APK	40	45	2	AR	40	75	
3	AHA	75	80	3	ANV	20	50	
4	AYA	10	55	4	BJD	10	50	
5	AIR	25	90	5	CNF	50	60	
6	AHS	25	80	6	DRD	60	65	
7	AIBN	60	100	7	DAF	20	15	
8	ALD	15	60	8	DMA	10	50	
9	A	55	85	9	DII	30	60	
10	AYN	10	80	10	ECW	30	40	
11	BCFI	25	70	11	ENPS	10	50	
12	DTW	45	50	12	EF	50	80	
13	EWH	50	70	13	FHS	50	50	
14	FN	10	20	14	ISA	20	70	
15	HRK	35	80	15	IA	20	30	
16	KNR	15	20	16	LCF	70	75	
17	KSA	80	90	17	MHR	60	100	
18	KAA	45	95	18	MCS	15	70	
19	MGP	55	85	19	MAR	50	75	
20	MRA	10	40	20	MADS	25	65	
21	MSH	55	100	21	NSD	10	35	
22	NHPS	20	90	22	NAW	30	50	
23	NCP	30	90	23	PPK	15	70	
24	RFS	50	95	24	PNFF	50	70	
25	RLE	15	55	25	SLN	20	20	
26	RI	50	70	26	SKA	20	70	
27	RTL	10	50	27	TBD	10	35	
28	TIN	25	95	28	WOR	35	40	
29	VBAD	35	50	29	YA	75	80	
30	YW	90	100	30	YF	30	60	

The table beside is the score of two class, experiment class and control class. explains the value data that has been obtained before treatment (pre-test) and after treatment (post-test).

Research Findings

Experiment class

Pretest	37,5
Posttest	72,5

Control class

Pretest	31,5
Posttest	58,5

- The results of the average analysis of all students pre-test and post-test score

- After calculating the mean of all pretest and posttest data. analyzed using the Shapiro Wilk normality test of Statistical Program and Service Solutions (SPSS) version 26.

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pretest control	.190	30	.007	.894	30	.006
Posttest_control	.114	30	.200*	.975	30	.684
Pretest_Eks	.143	30	.118	.930	30	.048
Posttest_Eks	.195	30	.005	.905	30	.011

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Research Findings

- After being processed using the normality test, the data is then processed using the Wilcoxon test.

- A significant increase in vocabulary ESP in the post-test activities score was seen in the experimental group using Wordwall. The Wilcoxon test results showed a substantial improvement (Z = -4.790, Asymp. Sig. = 0.000), confirming the efficiancy of Wordwall as media teaching.

Test Statistics[a]

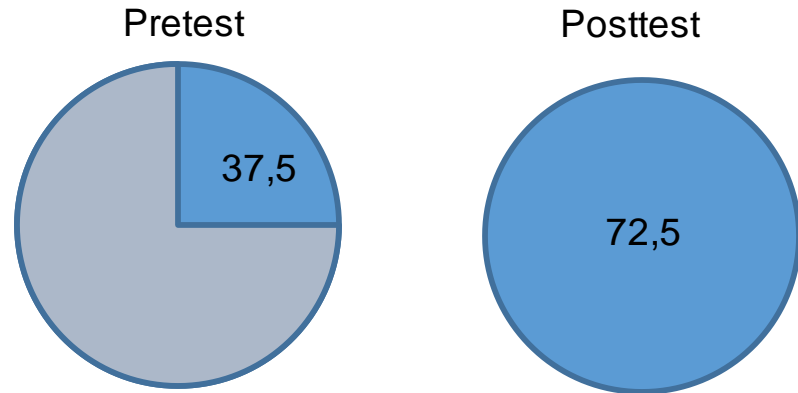|	Posttest_control - Pretest_control	Posttest_Eks - Pretest_Eks
Z	-4.563[b]	-4.790[b]
Asymp. Sig. (2-tailed)	.000	.000

a. Wilcoxon Signed Ranks Test

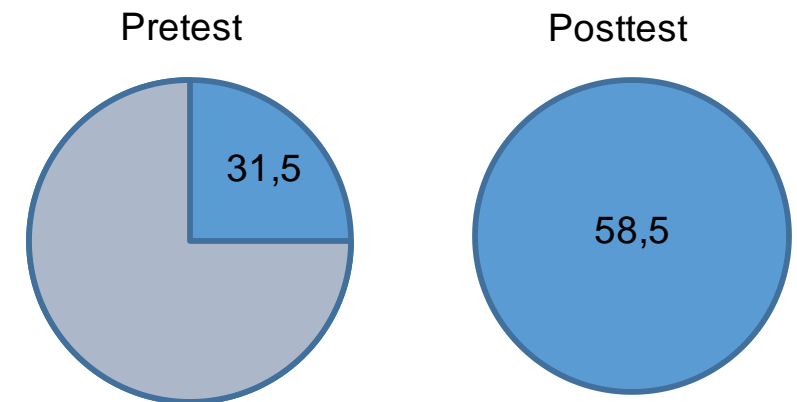b. Based on negative ranks.

Research Implication

The researcher show if Wordwall media effective to improve student memorial skill especially in English vocabulary. This media recommendations to teachers and educators, to help improve mastery of ESP vocabulary by using wordwall.

Conclusion

Kelas Eksperimen

Pretest

37,5

Posttest

72,5
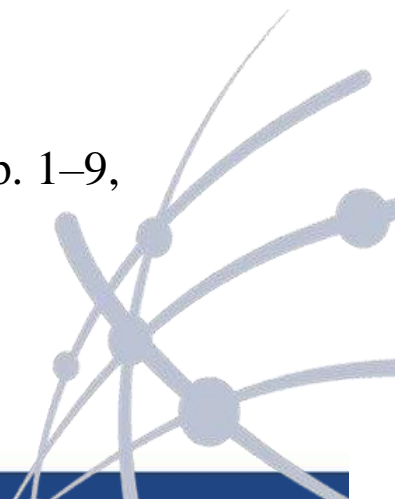
Kelas Kontrol

Pretest

31,5

Posttest

58,5

based on the analysis of each data in the previous table. The results showed that the average post-test score (72.5) was higher than the average pre-test score (37.5). control class whose average post-test score (58.5) was higher than the average pre-test score (31.5). This means that wordwall can be said to be an internal affective method of increasing mastery of ESP vocabulary

suggestion

This research is useful, because many Indonesian students face almost the same problems, and can be used by other researchers as a source of information for conducting research in other school environments.

Referensi

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Documentation

Location: SMKN 2 Buduran

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