

Data nilai siswa kelas IV

No	Siswa	Pretest	Posttest
1	AFIFAH TRIA DIAN SETYAWAN	55	70
2	AHMAD AGUS HIRMAWAN	62	75
3	AISYA ELMYRA ADDIFA	48	65
4	AZIRA SALSABILA ASSYIFA PUTRI	50	68
5	BERLIANA NUR ZAKIA AZZAHRA	59	72
6	DAVIN DAWUD PRASTHANZA	60	74
7	FACHIKA RISTA AZ ZAHRA PUTRI	53	69
8	LINTANG ANUGRAH FIRDIYANTY	57	71
9	LUXY PRECIOUS HERMAWAN	61	76
10	MUHAMMAD ALKA SYDNEY HABIBI	52	66
11	MOZZA SYAHPUTRA	64	78
12	MUHAMMAD ARSHAKA VIRENDRA	47	63
13	MOHHAMAD DHANY ATMANEGARA	56	73
14	MUHAMMAD FAHRIZAL IDRIS	51	67
15	MUHAMMAD MAULANA MALIK IBROHIM	58	70
16	MUHAMMAD RADITYA DWI SYAHPUTRA	55	69
17	NEYSHA AZ-ZAHRA FERENA PUTRI	63	77
18	NUR AISYAH ANJELIKA	49	64
19	RIFKY SHIRAJ FAIZULLAH	54	68
20	SHINTA RAMADHANI	60	75
21	UMAR AL FARUQ NOVAN SAPUTRA	62	74
22	ZAHRA DWI NIRMALASARI	59	72

23	YEMIMA NABILA CHAERUNNISSA	55	70
24	MOHAMMAD IHYAK	56	74
25	KEANU VIRENDRA SHAFWAN AL-IZDIHAR	48	65
26	NOVITA OLIVIA SAFIRAH	51	69
27	RIZKA NUR APRILIA	50	66
28	RAFAEL KEVIN HERNANDA	57	73

HASIL UJI VALIDITAS
DENGAN BANTUAN SOFTWARE SPSS 29

Statistik Deskriptive

Descriptive Statistics									
	N	Range	Minimum	Maximum	Sum	Mean	Std.	Std.	Variance
	Statistic	Statistic	Statistic	Statistic	Statistic	Statistic	Error	Statistic	Statistic
Pretest	28	17	47	64	1552	55,43	,941	4,977	24,772
Posttest	28	15	63	78	1973	70,46	,776	4,105	16,851
Valid N (listwise)	28								

Tabel III. Hasil Uji Statistik Deskriptive
(Data diolah, 2025)

Normalitas

Tests of Normality							
		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
Kelas		Statistic	df	Sig.	Statistic	df	Sig.
Hasilbelajar	Pretest	0,099	28	,200*	0,962	28	0,394
	Posttest	0,091	28	,200*	0,975	28	0,711

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

a. Lilliefors Significance Correction

Tabel IV. Hasil Uji Normalitas
(Data diolah, 2025)

Hipotesis

Paired Samples Test									
		Paired Differences					Significance		
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	One-Sided p
					Lower	Upper			
Pair 1	Pretest - Posttest	-15,036	1,732	0,327	-15,707	-14,364	-45,945	27	0,000
									0,000

Tabel V. Hasil Uji Hipotesis
(Data diolah, 2025)

Uji Eta Square

Directional Measures

			Value
Nominal by Interval	Eta	Pretest Dependent	,966
		Posttest Dependent	,991

Tabel VI. Hasil Uji Eta Square
(Data diolah, 2025)

