



District Report Card: 2017


State: Maharashtra	District: Palghar
Class: 8	Subject: Science
Schools: 51	Students: 1425


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	716	50.25	709	49.75

AREA 	Rural		Urban	
	Number	%	Number	%
	1174	82.39	251	17.61

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	57	4.00	843	59.16	232	16.28	293	20.56

CWSN 	LD	VI	HI	S&LD	ID	Oth
	14	2	3	1	4	45

Management 	Government		Government-aided	
	Number	%	Number	%
	275	19.30	1150	80.70

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.95	38.20	35.68	36.51	39.02	34.50	37.54	38.36	35.86	37.50	39.36

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.92
SCI704	Conducts simple investigation to seek answers to queries	25.40
SCI705	Relates processes and phenomenon with causes	34.66
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	32.77
SCI710	Plots and interprets graphs	33.53
SCI711	Constructs models using materials from surroundings and explains their working	35.56
SCI801	Differentiates materials, organism and processes	36.32
SCI804	Relates processes and phenomenon with causes	47.31
SCI805	Explains processes and phenomenon	33.87
SCI807	Measures angles of incidence and reflection, etc.	41.26
SCI811	Applies learning of scientific concepts in day-to-day life	33.69
SCI813	Makes efforts to protect environment	64.91

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
567	39.79	498	34.95	323	22.67	37	2.60

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (25.40)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (32.77)
- 3 - Plots and interprets graphs (33.53)
- 4 - Applies learning of scientific concepts in day-to-day life (33.69)
- 5 - Explains processes and phenomenon (33.87)