



# STANDARDIZED ACHIEVEMENT TEST (SAT) 2013/14

Presentation on  
SAT Results & Recommendations

REFORM SUPPORT UNIT,  
EDUCATION & LITERACY DEPARTMENT,  
GOVERNMENT OF SINDH

# INTRODUCTION

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**SAT is aimed to serve two main purposes:**

- ✘ Knowledge of student's achievement
- ✘ Informing parents of the performance of their children

**SAT has three main objectives in line with its purposes:**

- ✘ To link educational reforms with output/outcome rather than input.
- ✘ To change the traditional rote learning model of teaching by catalyzing revision/review of the teacher training curriculum and teacher recruitment policies
- ✘ To build awareness, establish transparency and enhance accountability between parents, educational administration, civil society and government for the gradual shift towards a result-based accountability system.



# OBJECTIVES ELABORATED

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**SAT is designed to inform its objectives in the following manner:**

- ✘ Quantify the knowledge and skills acquired by students
- ✘ Highlight academic progress over a specific period of time
- ✘ Highlight personal, environmental and demographic indicators that significantly affect student learning outcomes including location, facilities, race, language, disability, poverty, family background etc.
- ✘ Comparative analysis on effectiveness of instructional methods and personnel
- ✘ Ranking of students, schools, districts and regions in terms of academic placement

**SAT 2013/14 was conducted in Sindh from  
November 19, 2013 – March 6, 2014**

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# **SAT RESULTS**

## **2013/14**

# CLASS V RESULTS OF SAT 2013-14

<b>SUBJECT</b>	<b>AVERAGE (%)</b>
<b>Language</b>	29.50
<b>Math</b>	17.09
<b>Science</b>	17.74
<b>OVERALL</b>	<b>21.44</b>



# CLASS VIII RESULTS OF SAT 2013-14

<b>SUBJECT</b>	<b>AVERAGE (%)</b>
<b>Language</b>	<b>37.01</b>
<b>Math</b>	<b>13.73</b>
<b>Science</b>	<b>17.07</b>
<b>OVERALL</b>	<b>22.60</b>

# REGION-WISE CLASS V RESULTS

## Highest to Lowest

<b>Region</b>	<b>Language Average (%)</b>	<b>Math Average (%)</b>	<b>Science (Average %)</b>	<b>Overall Average (%)</b>
<b>Karachi</b>	37.02	19.91	24.06	<b>27.00</b>
<b>Mirpur Khas</b>	34.40	21.31	21.24	<b>25.65</b>
<b>Hyderabad</b>	30.24	17.20	17.33	<b>21.59</b>
<b>Sukkur</b>	25.39	15.08	14.86	<b>18.44</b>
<b>Larkana</b>	24.21	14.23	14.18	<b>17.54</b>

# REGION-WISE CLASS VIII RESULTS

## Highest to Lowest

<b>Region</b>	<b>Language Average (%)</b>	<b>Math Average (%)</b>	<b>Science (Average %)</b>	<b>Overall Average (%)</b>
<b>Mirpur Khas</b>	39.24	16.49	18.71	<b>24.81</b>
<b>Karachi</b>	35.46	15.56	19.67	<b>23.56</b>
<b>Sukkur</b>	38.41	12.19	15.54	<b>22.05</b>
<b>Hyderabad</b>	35.47	13.38	16.33	<b>21.73</b>
<b>Larkana</b>	37.36	11.79	15.45	<b>21.53</b>



# DISTRICT WISE PERFORMANCE CLASS V

S #	District	Language Average (%)	Math Average (%)	Science (Average %)	Overall Average (%)
1	Umerkot	36.03	24.51	23.20	27.92
2	Karachi	37.02	19.91	24.06	27.00
3	Tharparkar	34.12	23.66	22.59	26.79
4	Mirpur Khas	34.67	20.63	21.74	25.68
5	Shaheed Benazirabad	33.17	20.31	19.41	24.30
6	Sanghar	33.72	19.04	19.24	24.00
7	Tando Muhammad Khan	33.79	19.12	19.03	23.98
8	Badin	31.85	18.57	19.51	23.31
9	Tando Allahyar	32.98	17.86	18.65	23.16
10	Jamshoro	30.60	16.81	16.49	21.30
11	Dadu	30.21	16.28	16.15	20.88
12	Khairpur Mir's	27.59	15.41	15.47	19.49
13	Thatta	28.38	14.31	14.74	19.14
14	Kashmore	27.02	15.44	14.48	18.98
15	Jacobabad	26.08	15.34	15.17	18.87
16	Naushahro Feroze	25.47	15.34	14.76	18.52
17	Qambar Shahdadt	27.04	13.88	14.37	18.43
18	Hyderabad	25.25	13.99	15.80	18.35
19	Ghotki	24.52	14.98	14.28	17.93
20	Matiari	25.67	14.53	13.42	17.87
21	Larkana	23.23	14.03	14.08	17.11
22	Sukkur	21.96	14.16	14.45	16.86
23	Shikarpur	19.92	13.34	13.22	15.49

# DISTRICT WISE PERFORMANCE CLASS VIII

S #	District	Language Average (%)	Math Average (%)	Science (Average %)	Overall Average (%)
1	Tharparkar	42.23	17.89	19.39	26.50
2	Mirpur Khas	38.53	16.91	19.53	24.99
3	Khairpur Mir's	43.58	12.25	16.80	24.21
4	Umerkot	39.21	15.81	17.32	24.12
5	Sanghar	37.98	15.55	18.20	23.91
6	Karachi	35.46	15.56	19.67	23.56
7	Tando Allahyar	39.36	14.54	16.52	23.47
8	Jamshoro	39.99	12.43	17.88	23.43
9	Shaheed Benazirabad	37.00	15.41	16.82	23.08
10	Qamber Shahdadt	39.76	11.57	16.36	22.56
11	Matiari	38.81	13.12	15.54	22.49
12	Badin	36.83	13.14	16.41	22.12
13	Tando M. Khan	36.43	12.74	16.73	21.97
14	Ghotki	37.73	11.94	15.12	21.60
15	Larkana	37.72	11.89	15.15	21.59
16	Thatta	37.01	11.61	15.56	21.39
17	Jacobabad	37.06	11.24	15.64	21.31
18	Shikarpur	36.05	11.67	15.35	21.02
19	Dadu	35.27	11.96	15.72	20.98
20	Naushahro Feroze	35.40	12.45	14.48	20.78
21	Kashmore	33.88	12.86	14.67	20.47
22	Sukkur	33.40	11.85	15.03	20.09
23	Hyderabad	27.32	13.18	15.90	18.80

# CLASS V COMPARATIVE RESULTS

<b>Subject</b>	<b>Average % of SAT-I</b>	<b>Average % of SAT-II</b>
<b>OVERALL</b>	<b>22.0</b>	<b>21.4</b>



# CLASS V REGION WISE COMPARATIVE RESULTS

Region	Average % of SAT-I	Average % of SAT-II
Karachi	32.63	27
Mirpurkhas	19.72	25.65
Hyderabad	20.29	21.59
Sukkur	19.01	18.44
Larkana	15.37	17.54

# CLASS V DISTRICT WISE COMPARATIVE RESULTS

S#	District	Average % of SAT-I	Average % of SAT-II
1	Umerkot	23.57	27.92
2	Karachi	32.63	27
3	Tharparkar	19.16	26.79
4	Mirpurkhas	19.63	25.68
5	Shaheed Benazirabad	20.72	24.3
6	Sanghar	18.47	24
7	Tando Muhammad Khan	18.1	23.98
8	Badin	18.63	23.31
9	Tando Allahyar	20.86	23.16
10	Jamshoro	23.23	21.3
11	Dadu	18.22	20.88
12	Khairpur Mirs	21.04	19.49
13	Thatta	16.49	19.14
14	Kashmore	15	18.98
15	Jacobabad	14.64	18.87
16	Naushero Feroze	17.05	18.52
17	Qamber Shahdadkot	15.22	18.43
18	Hyderabad	24	18.35
19	Ghotki	14.65	17.93
20	Matiari	19.13	17.87
21	Larkana	15.39	17.11
22	Sukkur	18.86	16.86
23	Shikarpur	15.88	15.49

# 5 HIGHEST PERFORMING SCHOOLS - CLASS V & VIII

## Class –V Top 5 Schools

S.No	District	Taluka	UC	SEMIS ID	Prefix	School Name	Overall Average % age
1	Badin	Tando Bago	8-Khadhro	401040054	GBPS	MUHAMMAD RAHIM UDHIJO	77.50
2	Tharparkar	Diplo	4-Bhitaro	406020306	GBPS	QAZI SAHIB DINO	73.75
3	Naushero Feroz	Bhiriya	9-Kot Bahadur	416010338	GBPS	ALLAH WARAYO MEMON	71.67
4	Karachi City	SITE Town	3-Jahanabad	408020099	GBPS	AL-SAFA	64.03
5	Kambar Shahdadkot	Warrah	3-Mirpur	427040079	GGPS	KARAMULLAH CHANDIO.	60.21

## Class –VIII Top 5 Schools

S.No	District	Taluka	UC	SEMIS ID	Prefix	School Name	Overall Average % age
1	Tharparkar	Mithi	2-Mohrano	406031035	GBLSS	BILAWAL OTHO	64.58
2	Karachi City	Liaqatabad Town	3-Super Market	408150212	GGHS	NEW METHOD LIQUATABAD	54.72
3	Tando Allahyar	Tando Allahyar	7-Sh. Moosa	424010236	GGHS	SULTAN ABAD	48.83
4	Larkana	Rato Dero	3-Naudero	413030044	GGPS	ENGLISH MEDIUM NAUDERO.	47.19
5	Khairpur Mirs	Kingri	1-Pir-jo-Goth	415040378	GGHS	SALLAR MOHALLA	46.99



# RECOMMENDATIONS

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Recommendations for the policy makers to enhance quality of educational services for students in public sector schools

## × Teacher Development

- + Need based professional development programmes should be started in the schools to improve the pedagogical and content knowledge of the serving and aspiring teachers of the province.
- + Professional development training courses for teacher educator may be initiated to improve delivery and Assessment practices.

## × Curriculum Textbook

- + Curriculum 2006 as adopted in Sindh be reviewed / updated to meet the need of 21<sup>st</sup> century.
- + Text books and other instructional material be reviewed so as align them curriculum SLOS.

# RECOMMENDATIONS (CONT...)

## × School Managers

- + Effective research-based leadership and management programmes should be offered to serving and aspiring heads of public schools
- + System for professional development to build capacity for implementing innovative initiatives as Head teachers.
- + Fresh teachers/head teachers should be inducted on merit and sent to schools after receiving mandatory pre-induction training from reputed teacher training institutions of Pakistan.



# RECOMMENDATIONS (CONT...)

## × Assessment Practices

- + Teachers must be supported in developing tools for of assessment of achievement, their analysis and providing feed back to students and reporting to parents.
- + Assessment / examination from class IV to VIII should be taken for public and private sector students throughout the province.
- + The results of the annual examinations of the students from class IV to VIII be shared with parents on regular basis and each year result day be celebrated.
- + Fresh teachers and head teachers be sent to schools after getting mandatory pre-induction training special focus on their role in assessment.