SAFAL 2024-25 Report

JANKIDAS KAPUR PUBLIC SCHOOL SEC 14 SONIPAT HRY [530100]
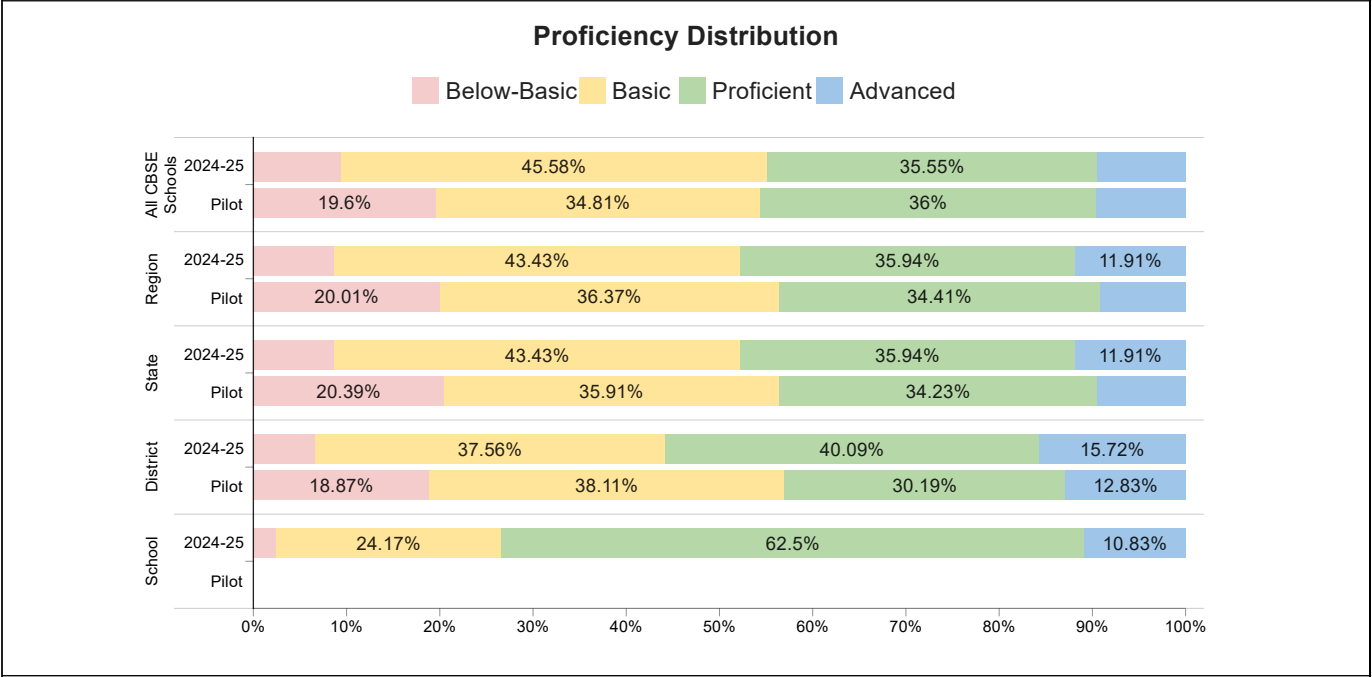
Jankidas Kapur Public School Sec 14 Sonipat Hry

Grade 5 EVS

No of Students: 120

Below-Basic [100-249.19]	Basic [249.2-299.99]	Proficient [300-358.64]	Advanced [358.65-500]

Consolidated Report

Average Scores

#	No. of Schools		No. of Students		Average Score	
	2024-25	**Pilot**	**2024-25**	**Pilot**	**2024-25**	**Pilot**
All CBSE Schools	7687	1730	612241	160096	297.23	296.09
Region	517	130	39540	8576	301.45	294.39
State	517	122	39540	8037	301.45	294.38
District	19	6	1342	265	308.8	301.28
School	--	--	120	--	320.85	--

Proficiency Distribution

Legend: Below-Basic, Basic, Proficient, Advanced

		Below-Basic	Basic	Proficient	Advanced
All CBSE Schools	2024-25		45.58%	35.55%	
	Pilot	19.6%	34.81%	36%	
Region	2024-25		43.43%	35.94%	11.91%
	Pilot	20.01%	36.37%	34.41%	
State	2024-25		43.43%	35.94%	11.91%
	Pilot	20.39%	35.91%	34.23%	
District	2024-25		37.56%	40.09%	15.72%
	Pilot	18.87%	38.11%	30.19%	12.83%
School	2024-25		24.17%	62.5%	10.83%
	Pilot				

Competency Report

Percentage of Students Who Answered Correctly

Legend:
- 2 Grade-Levels Below
- 1 Grade-Level Below
- Grade-Level
- 1 Grade-Level Below
- Above Grade-Level

Competency	2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
SEG5C1		25%	35%	32%
SEG5C2		73%		53%
SEG5C3	88%	67%	30%	77%
SEG5C4	83%	38%	77%	
SEG5C5	43%	58%	62%	63%
SEG5C6	77%	33%	20%	65%
SEG5C7	57%	44%	76%	
SEG5C8	57%	48%	13%	50%
SEG5C9	81%	66%	66%	32%
SEG5C10	88%	70%	60%	67%
SEG5C11	57%	62%	28%	47%

Competency Chart

Competency Code	Competency	Percentage of Students Who Answered Correctly			
		2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
SEG5C1	Identifies and analyses the reasons for changes caused by movement and/or additions in family	--	25%	35%	32%
SEG5C2	Knows games, understands need for game rules and relates to the social issues in games	--	73%	--	53%
SEG5C3	Recognises the type of work people do and relates to the changing nature of work (at home and outside)	88%	67%	30%	77%
SEG5C4	Identifies and compares the body parts of different animals and its significance	83%	38%	77%	--
SEG5C5	Describes the variation in the parts of plants and identify the origin of different plants	43%	58%	62%	63%
SEG5C6	Understands need for food and procurement of food	77%	33%	20%	65%
SEG5C7	Knows about the different types of houses and their construction	57%	44%	76%	--
SEG5C8	Knows the different sources of water, its availability and conservation	57%	48%	13%	50%
SEG5C9	Applying and calculating the knowledge of properties of water	81%	66%	66%	32%
SEG5C10	Knows and applies the knowledge about fuels	88%	70%	60%	67%
SEG5C11	Develop understanding / sensitize on different occupations and respect for traditional art and culture	57%	62%	28%	47%

Recommendations (Based on Average Scaled Score)

The students have a good grasp of the grade 5 curriculum.

- Schools should introduce more inquiry-based learning and encourage critical thinking. Engage students in problem-solving activities, debates, and projects that deal with real-life scenarios. For example, students can be divided into groups where they are asked to design a water purification system for their school through research and present their design to their peers.

- Collaborate with students on research projects to further enhance their interest and understanding of the topics and encourage cross-curricular connections in teaching science and social studies concepts to broaden their conceptual knowledge.
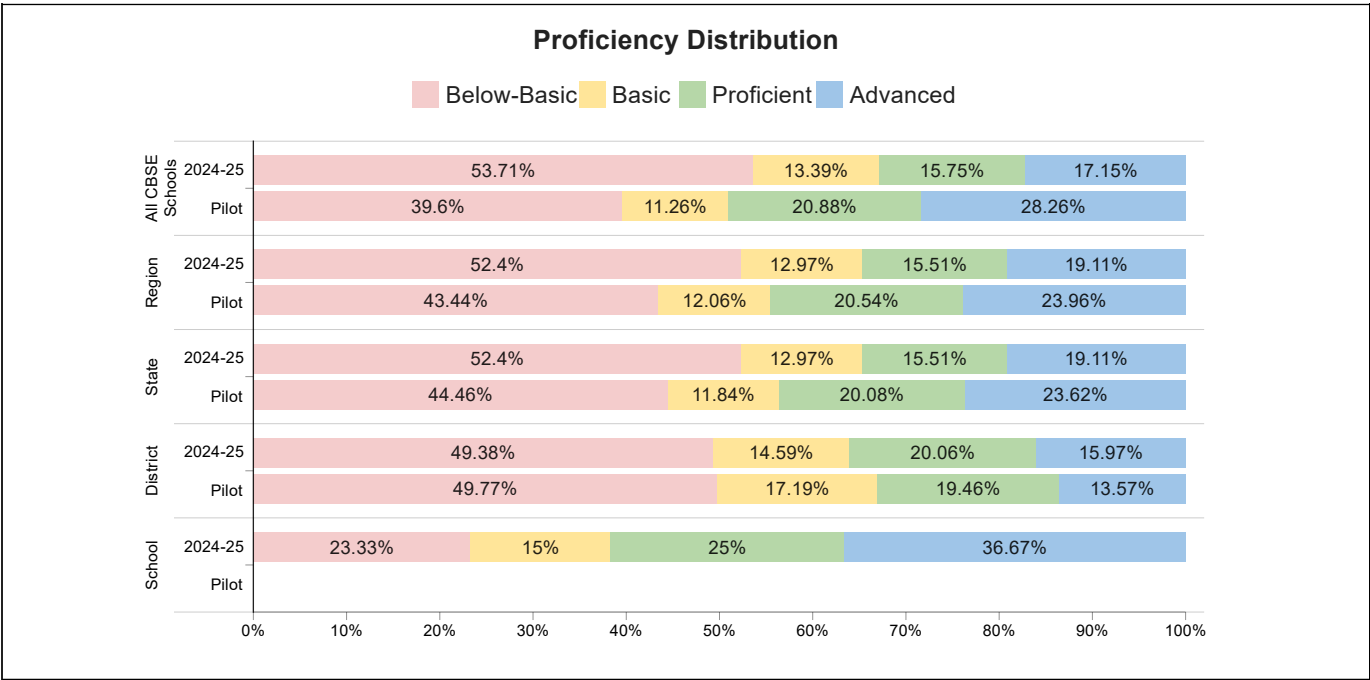
Jankidas Kapur Public School Sec 14 Sonipat Hry

Grade 5 Language

No of Students: 120

Below-Basic [100-284.63]	Basic [284.64-299.99]	Proficient [300-338.64]	Advanced [338.65-500]

Consolidated Report

Average Scores

#	No. of Schools		No. of Students		Average Score	
	2024-25	**Pilot**	**2024-25**	**Pilot**	**2024-25**	**Pilot**
All CBSE Schools	7645	1731	607488	157235	292.65	303.83
Region	516	128	39880	8348	294.81	297.7
State	516	120	39880	7814	294.81	296.73
District	19	5	1371	221	293.88	288.28
School	--	--	120	--	322.29	--

Proficiency Distribution

Legend: Below-Basic, Basic, Proficient, Advanced

		Below-Basic	Basic	Proficient	Advanced
All CBSE Schools	2024-25	53.71%	13.39%	15.75%	17.15%
	Pilot	39.6%	11.26%	20.88%	28.26%
Region	2024-25	52.4%	12.97%	15.51%	19.11%
	Pilot	43.44%	12.06%	20.54%	23.96%
State	2024-25	52.4%	12.97%	15.51%	19.11%
	Pilot	44.46%	11.84%	20.08%	23.62%
District	2024-25	49.38%	14.59%	20.06%	15.97%
	Pilot	49.77%	17.19%	19.46%	13.57%
School	2024-25	23.33%	15%	25%	36.67%
	Pilot				

Competency Report

Percentage of Students Who Answered Correctly

Legend: 2 Grade-Levels Below | 1 Grade-Level Below | Grade-Level | Above Grade-Level

Competency	2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
LE65C1	65%	43%	51%	55%
LE65C2	67%	60%	57%	50%
LE65C3	55%	55%	58%	48%
LE65C4	53%	35%	47%	68%
LE65C5		55%	54%	50%
LE65C6		60%	53%	53%

Competency Chart

Competency Code	Competency	Percentage of Students Who Answered Correctly			
		2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
LEG5C1	Recognises the meaning of common grade-level words	65%	43%	51%	55%
LEG5C2	Retrieves explicit information in a grade-level text by direct- or close-word matching	67%	60%	57%	50%
LEG5C3	Retrieves explicit information in a grade-level text by synonymous word matching	55%	55%	58%	48%
LEG5C4	Makes inferences in a grade-level text	53%	35%	47%	68%
LEG5C5	Identifies the main and secondary ideas in a grade-level text	--	55%	54%	50%
LEG5C6	Identifies the purpose and audience of a text	--	60%	53%	53%

Recommendations (Based on Average Scaled Score)

The students are meeting grade-level expectations.

● Schools should focus on enhancing their reading, writing, and speaking skills through more advanced comprehension texts, creative writing tasks, and opportunities to present and debate ideas.

● Encourage reading a variety of genres to broaden vocabulary and comprehension. For example, each classroom can have a dedicated "word wall" displayed where the students can add new words they encountered in their readings, encouraging students to explore new words and their meanings.

● Provide opportunities for students to write essays, stories, and reports while giving constructive feedback on grammar, structure, and creativity.
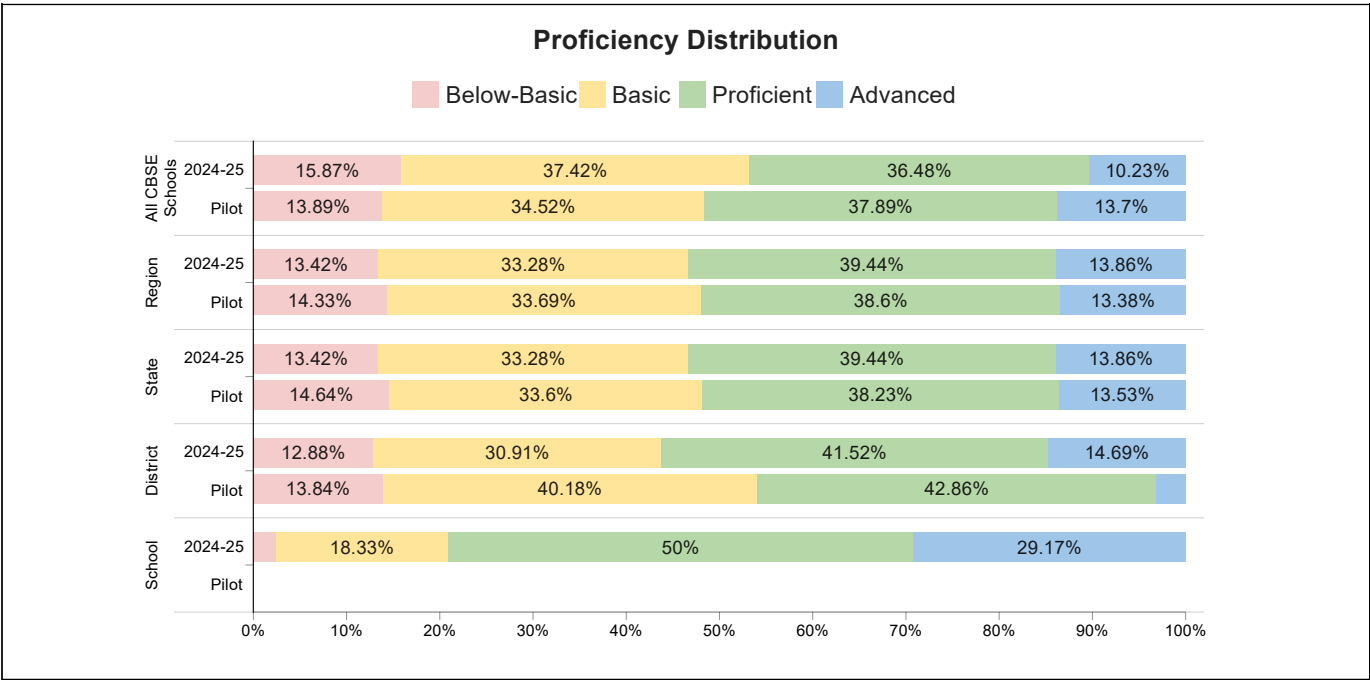
Jankidas Kapur Public School Sec 14 Sonipat Hry

Grade 5 Mathematics

No of Students: 120

Below-Basic [100-254.49]	Basic [254.5-299.99]	Proficient [300-367.13]	Advanced [367.14-500]

Consolidated Report

Average Scores

#	No. of Schools		No. of Students		Average Score	
	2024-25	**Pilot**	**2024-25**	**Pilot**	**2024-25**	**Pilot**
All CBSE Schools	7702	1742	608181	157988	299.99	308.46
Region	517	128	38558	8519	307.94	308.17
State	517	120	38558	7980	307.94	308
District	19	5	1320	224	311.33	298.37
School	--	--	120	--	340.18	--

Proficiency Distribution

Below-Basic Basic Proficient Advanced

All CBSE Schools
- 2024-25: 15.87% | 37.42% | 36.48% | 10.23%
- Pilot: 13.89% | 34.52% | 37.89% | 13.7%

Region
- 2024-25: 13.42% | 33.28% | 39.44% | 13.86%
- Pilot: 14.33% | 33.69% | 38.6% | 13.38%

State
- 2024-25: 13.42% | 33.28% | 39.44% | 13.86%
- Pilot: 14.64% | 33.6% | 38.23% | 13.53%

District
- 2024-25: 12.88% | 30.91% | 41.52% | 14.69%
- Pilot: 13.84% | 40.18% | 42.86%

School
- 2024-25: 18.33% | 50% | 29.17%
- Pilot:

Competency Report

Percentage of Students Who Answered Correctly

Legend:
- 2 Grade-Levels Below
- 1 Grade-Level Below
- Grade-Level
- Above Grade-Level

MEG5C1: Above Grade-Level 57%, Grade-Level 64%

MEG5C2: Above Grade-Level 35%, Grade-Level 43%

MEG5C3: Grade-Level 80%, 1 Grade-Level Below 92%, 2 Grade-Levels Below 78%

MEG5C4: Above Grade-Level 30%, Grade-Level 52%, 1 Grade-Level Below 48%

MEG5C5: Grade-Level 70%, 1 Grade-Level Below 47%, 2 Grade-Levels Below 83%

MEG5C6: Above Grade-Level 53%, Grade-Level 94%, 1 Grade-Level Below 81%, 2 Grade-Levels Below 88%

MEG5C7: Grade-Level 80%, 1 Grade-Level Below 67%, 2 Grade-Levels Below 71%

MEG5C8: Above Grade-Level 83%, Grade-Level 53%, 1 Grade-Level Below 76%, 2 Grade-Levels Below 99%

MEG5C9: Grade-Level 71%, 1 Grade-Level Below 63%, 2 Grade-Levels Below 56%

MEG5C10: Above Grade-Level 38%, Grade-Level 50%, 1 Grade-Level Below 41%

MEG5C11: Above Grade-Level 38%, Grade-Level 71%, 1 Grade-Level Below 60%

MEG5C12: Grade-Level 58%, 1 Grade-Level Below 42%, 2 Grade-Levels Below 80%

MEG5C13: Grade-Level 55%, 1 Grade-Level Below 88%, 2 Grade-Levels Below 65%

Competency Chart

Competency Code	Competency	Percentage of Students Who Answered Correctly			
		2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
MEG5C1	Estimates sum/difference/product and quotient of numbers	--	--	64%	57%
MEG5C2	Expresses a fraction in decimal notation and vice-versa	--	--	43%	35%
MEG5C3	Identifies and counts in whole numbers, and identifies their relative magnitude	78%	92%	80%	--
MEG5C4	Identifies and represents fractions using objects, pictures, and symbols, and identifies relative magnitude	--	48%	52%	30%
MEG5C5	Recognises and describes shapes and figures	83%	47%	70%	--
MEG5C6	Recognises, describes, extends, and generates patterns	88%	81%	94%	53%
MEG5C7	Represents whole numbers in equivalent ways	71%	67%	80%	--
MEG5C8	Retrieves and interprets data presented in displays	99%	76%	53%	83%
MEG5C9	Solves operations using whole numbers	56%	63%	71%	--
MEG5C10	Solves problems involving measurement	--	41%	50%	38%
MEG5C11	Solves real-world problems involving whole numbers	--	60%	71%	38%
MEG5C12	Tells time/ Solves problems involving time	80%	42%	58%	--
MEG5C13	Uses non-standard and standard units to measure, compare, and order.	65%	88%	55%	--

Recommendations (Based on Average Scaled Score)

Students are performing at grade level.

- Schools should provide opportunities to enhance their problem-solving skills and introduce teaching strategies involving mathematical reasoning and logic puzzle-solving. For example, the teacher can organise a role-play in which the classroom becomes a supermarket, allowing some students to act as shopkeepers and others as customers, enabling them to apply arithmetic operations during the activity.
- Encourage the application of concepts through project-based learning and real-world problem-solving scenarios, such as designing surveys or conducting experiments.
- Collaboration with peers on projects and participation in Math clubs can help solidify their skills and confidence.
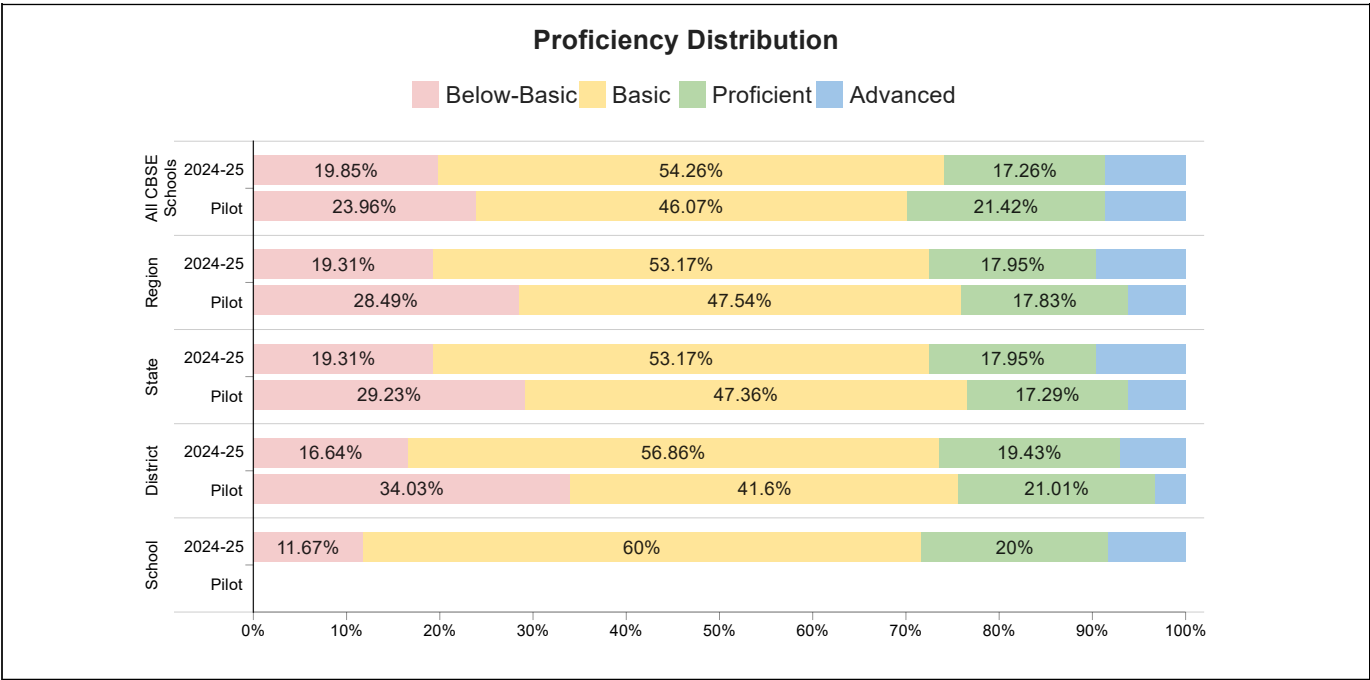
Jankidas Kapur Public School Sec 14 Sonipat Hry

Grade 8 Language
No of Students: 120

Below-Basic [100-234.69]	Basic [234.7-299.99]	Proficient [300-342.64]	Advanced [342.65-500]

Consolidated Report

Average Scores

#	No. of Schools		No. of Students		Average Score	
	2024-25	Pilot	2024-25	Pilot	2024-25	Pilot
All CBSE Schools	8014	1785	600072	158077	271.51	274.87
Region	524	134	40629	8970	273.47	266.34
State	524	127	40629	8480	273.47	265.5
District	19	6	1472	238	274.21	264.09
School	--	--	120	--	279.78	--

Proficiency Distribution

Legend: Below-Basic, Basic, Proficient, Advanced

		Below-Basic	Basic	Proficient
All CBSE Schools	2024-25	19.85%	54.26%	17.26%
	Pilot	23.96%	46.07%	21.42%
Region	2024-25	19.31%	53.17%	17.95%
	Pilot	28.49%	47.54%	17.83%
State	2024-25	19.31%	53.17%	17.95%
	Pilot	29.23%	47.36%	17.29%
District	2024-25	16.64%	56.86%	19.43%
	Pilot	34.03%	41.6%	21.01%
School	2024-25	11.67%	60%	20%
	Pilot			

Competency Report

Percentage of Students Who Answered Correctly

Legend: 2 Grade-Levels Below | 1 Grade-Level Below | Grade-Level | Above Grade-Level

Competency	Above Grade-Level	Grade-Level	1 Grade-Level Below	2 Grade-Levels Below
LE68C1	14%	46%	43%	46%
LE68C2	33%	52%	54%	58%
LE68C3	39%	28%	52%	44%
LE68C4	42%	36%	48%	55%
LE68C5	53%	41%	58%	43%
LE68C6	53%	33%	34%	79%
LE68C7	53%	26%	43%	62%
LE68C8	43%	39%	14%	26%

Competency Chart

Competency Code	Competency	Percentage of Students Who Answered Correctly			
		2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
LEG8C1	Recognises the meaning of common grade-level words	46%	43%	46%	14%
LEG8C2	Retrieves explicit information in a grade-level text by direct- or close-word matching	58%	54%	52%	33%
LEG8C3	Retrieves explicit information in a grade-level text by synonymous word matching	44%	52%	28%	39%
LEG8C4	Makes inferences in a grade-level text	55%	48%	36%	42%
LEG8C5	Identifies, compares and contrasts points of view	43%	58%	41%	53%
LEG8C6	Establishes the main and secondary ideas in a grade-level text	79%	34%	33%	53%
LEG8C7	Identifies the purpose and audience of a text	62%	43%	26%	53%
LEG8C8	Evaluates the status of claims made in a text	26%	14%	39%	43%

Recommendations (Based on Average Scaled Score)

Students performing at this level need focused support to improve core areas such as comprehension, grammar etc. in grade-8-level texts.

- Schools should encourage reading books of diverse genres, including fiction and non-fiction, while introducing vocabulary-building activities and guided writing exercises.

- The teachers should provide opportunities for writing practice and feedback, such as journal writing, essays, and short stories as an integral part of their classroom instruction. For example, the teacher can conduct a class-wise journal writing program that improves writing skills, fosters creativity, and encourages students to express themselves and reflect on their thoughts.

- Further, they can implement activities like group discussions, debates, and role-playing to boost students' confidence in speaking and communication skills.
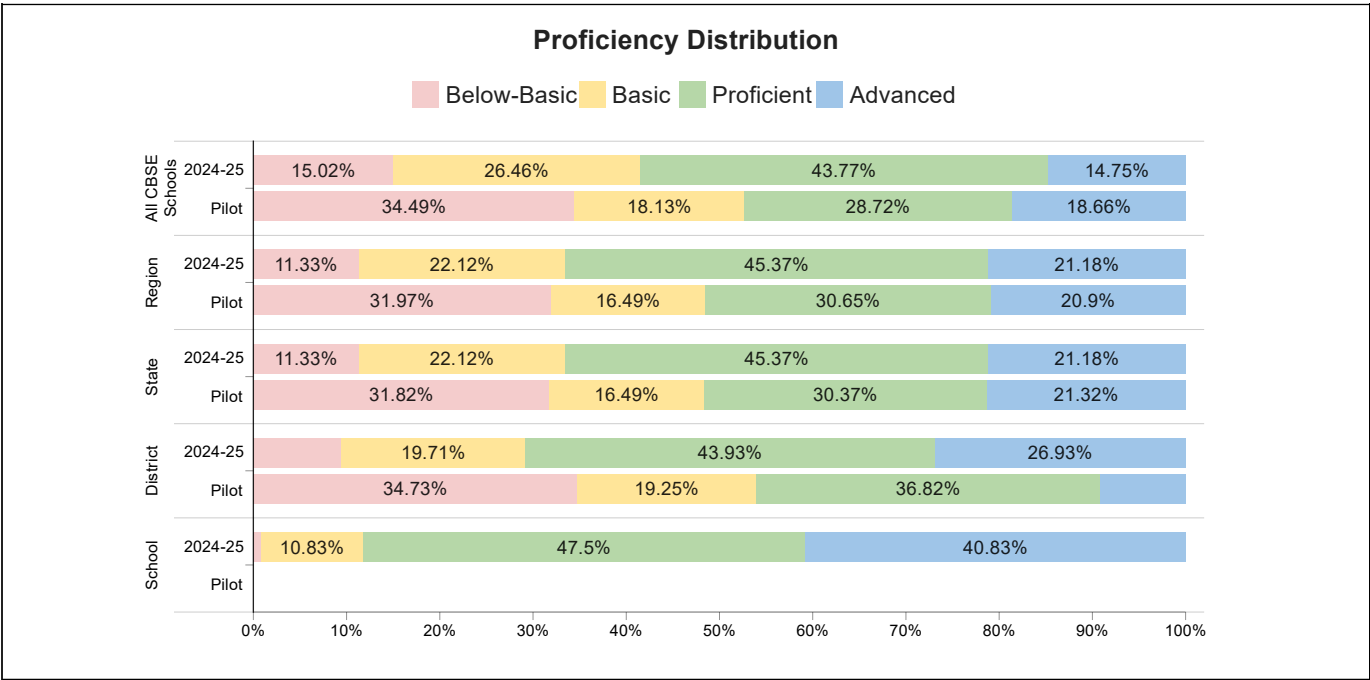
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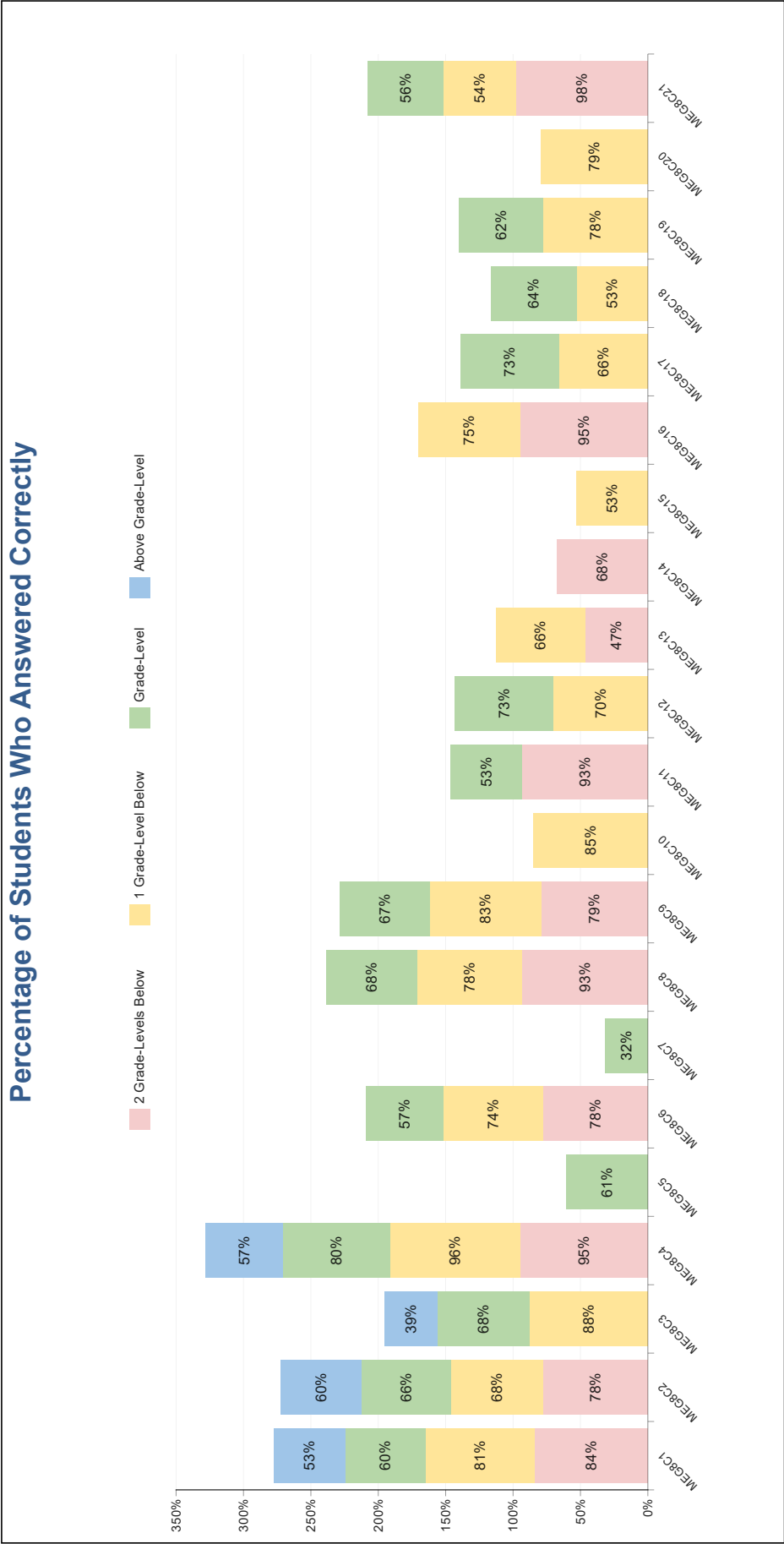
Grade 8 Mathematics
No of Students: 120

Below-Basic [100-277.27]	Basic [277.28-299.99]	Proficient [300-343.43]	Advanced [343.44-500]

Consolidated Report

Average Scores

#	No. of Schools		No. of Students		Average Score	
	2024-25	Pilot	2024-25	Pilot	2024-25	Pilot
All CBSE Schools	8040	1790	607726	158460	309.1	301.68
Region	522	136	41015	8911	316.64	303.74
State	522	128	41015	8393	316.64	304.02
District	19	6	1400	239	321.87	294.28
School	--	--	120	--	336.75	--

Proficiency Distribution

Legend: Below-Basic | Basic | Proficient | Advanced

		Below-Basic	Basic	Proficient	Advanced
All CBSE Schools	2024-25	15.02%	26.46%	43.77%	14.75%
	Pilot	34.49%	18.13%	28.72%	18.66%
Region	2024-25	11.33%	22.12%	45.37%	21.18%
	Pilot	31.97%	16.49%	30.65%	20.9%
State	2024-25	11.33%	22.12%	45.37%	21.18%
	Pilot	31.82%	16.49%	30.37%	21.32%
District	2024-25		19.71%	43.93%	26.93%
	Pilot	34.73%	19.25%	36.82%	
School	2024-25		10.83%	47.5%	40.83%
	Pilot				

Competency Report

Percentage of Students Who Answered Correctly

Legend:
- 2 Grade-Levels Below
- 1 Grade-Level Below
- Grade-Level
- Above Grade-Level

Competency	2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
MEG8C1	84%	81%	60%	53%
MEG8C2	78%	68%	66%	60%
MEG8C3		88%	68%	39%
MEG8C4	95%	96%	80%	57%
MEG8C5			61%	
MEG8C6	78%	74%	57%	
MEG8C7			32%	
MEG8C8	93%	78%	68%	
MEG8C9	79%	83%	67%	
MEG8C10		85%		
MEG8C11	93%		53%	
MEG8C12		70%	73%	
MEG8C13	47%	66%		
MEG8C14	68%			
MEG8C15		53%		
MEG8C16	95%	75%		
MEG8C17		66%	73%	
MEG8C18		53%	64%	
MEG8C19		78%	62%	
MEG8C20		79%		
MEG8C21	98%	54%	56%	

Competency Chart

Competency Code	Competency	Percentage of Students Who Answered Correctly			
		2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
MEG8C1	Evaluates, models, and computes with expressions	84%	81%	60%	53%
MEG8C2	Solves problems involving variation (ratio, proportion, and percentage)	78%	68%	66%	60%
MEG8C3	Solves linear equations in one variable	--	88%	68%	39%
MEG8C4	Recognises and describes shapes and figures	95%	96%	80%	57%
MEG8C5	Recognises various polyhedrons based on their properties	--	--	61%	--
MEG8C6	Solves problems involving measurement of 2D shapes	78%	74%	57%	--
MEG8C7	Solves problems involving measurement of 3D shapes	--	--	32%	--
MEG8C8	Represents decimals in equivalent ways (including fractions and percentages)	93%	78%	68%	--
MEG8C9	Solves operations involving decimals	79%	83%	67%	--
MEG8C10	Solves real world problems involving decimals	--	85%	--	--
MEG8C11	Identifies and represents quantities using exponents and roots, and identify the relative magnitude	93%	--	53%	--
MEG8C12	Identifies and represents numbers using scientific notation and exponents, Solves operations involving exponents and roots	--	70%	73%	--
MEG8C13	Solves operations involving fractions	47%	66%	--	--
MEG8C14	Recognises different types of fractions	68%	--	--	--
MEG8C15	Solves real-world problems involving fractions	--	53%	--	--

Competency Code	Competency	Percentage of Students Who Answered Correctly			
		2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
MEG8C16	Identifies and represents integers using objects, pictures, or symbols, and identifies relative magnitude, and compare and order integers	95%	75%	--	--
MEG8C17	Solves real-world problems involving integers	--	66%	73%	--
MEG8C18	Compare, order and solves problems involving rational numbers	--	53%	64%	--
MEG8C19	Describes the likelihood of events in different ways	--	78%	62%	--
MEG8C20	Calculates and interprets central tendency	--	79%	--	--
MEG8C21	Retrieves and interprets data presented in displays	98%	54%	56%	--

Recommendations (Based on Average Scaled Score)

Students at this level are meeting grade-level expectations.

- Schools should promote higher-order thinking by introducing challenging problems, puzzles, and practical applications. For example, a group activity where the students design a community park. During this activity, each group could decide how to allocate definite areas for different requirements within the park, such as a playground, walking or running tracks, picnic areas, open gym etc. within a given total area.

- Teachers should enhance problem-solving and reasoning skills by offering opportunities to participate in various classroom and school-level activities like Math clubs, contests, or collaborative projects, encouraging exploration of advanced topics.
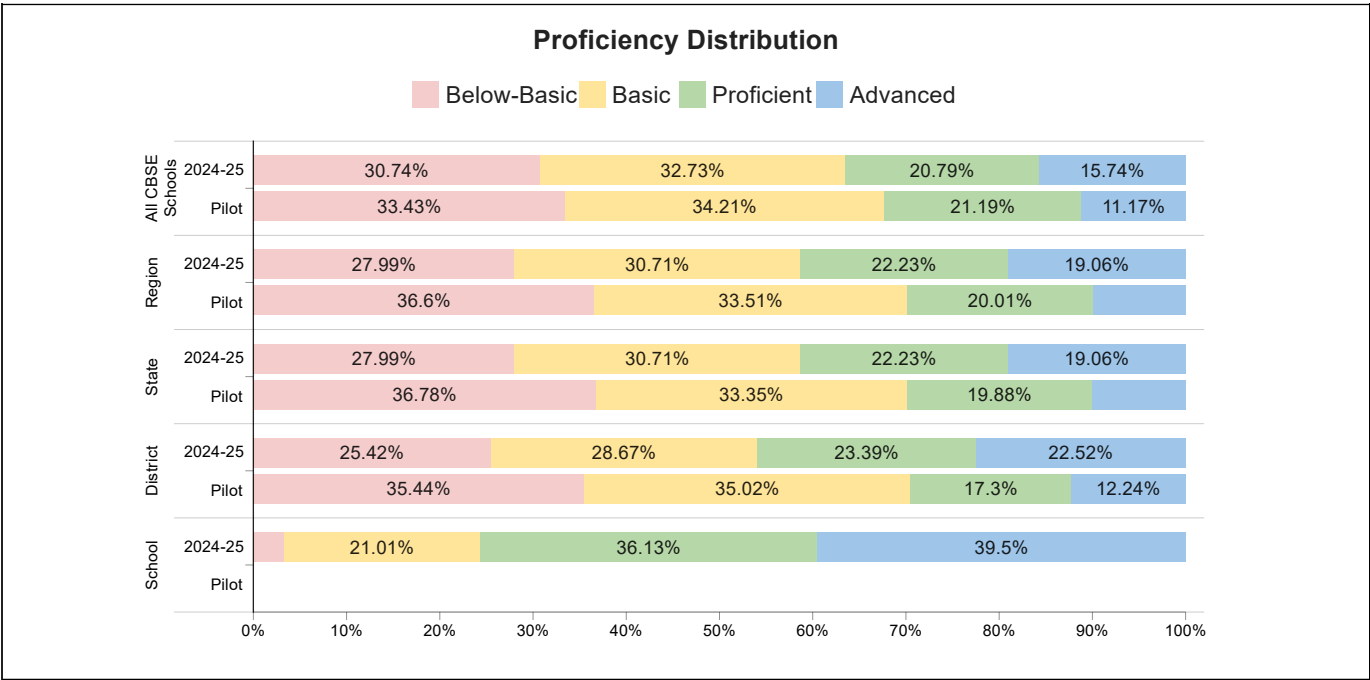
Jankidas Kapur Public School Sec 14 Sonipat Hry

Grade 8 Science

No of Students: 119

Below-Basic [100-253.94]	Basic [253.95-299.99]	Proficient [300-341.97]	Advanced [341.98-500]

Consolidated Report

Average Scores

#	No. of Schools		No. of Students		Average Score	
	2024-25	Pilot	2024-25	Pilot	2024-25	Pilot
All CBSE Schools	8090	1786	610346	161199	284.05	278.31
Region	523	135	41320	9131	289.7	273.71
State	523	127	41320	8618	289.7	273.56
District	19	6	1479	237	296.2	277.27
School	--	--	119	--	332.32	--

Proficiency Distribution

Below-Basic   Basic   Proficient   Advanced

All CBSE Schools
- 2024-25: Below-Basic 30.74%, Basic 32.73%, Proficient 20.79%, Advanced 15.74%
- Pilot: Below-Basic 33.43%, Basic 34.21%, Proficient 21.19%, Advanced 11.17%

Region
- 2024-25: Below-Basic 27.99%, Basic 30.71%, Proficient 22.23%, Advanced 19.06%
- Pilot: Below-Basic 36.6%, Basic 33.51%, Proficient 20.01%

State
- 2024-25: Below-Basic 27.99%, Basic 30.71%, Proficient 22.23%, Advanced 19.06%
- Pilot: Below-Basic 36.78%, Basic 33.35%, Proficient 19.88%

District
- 2024-25: Below-Basic 25.42%, Basic 28.67%, Proficient 23.39%, Advanced 22.52%
- Pilot: Below-Basic 35.44%, Basic 35.02%, Proficient 17.3%, Advanced 12.24%

School
- 2024-25: Basic 21.01%, Proficient 36.13%, Advanced 39.5%
- Pilot:

Competency Report

Percentage of Students Who Answered Correctly

Legend:
- 2 Grade-Levels Below
- 1 Grade-Level Below
- Grade-Level
- Above Grade-Level

Competency	2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
SEG8C1	96%	50%	84%	
SEG8C2			81%	85%
SEG8C3	86%	52%	61%	18%
SEG8C4	78%	85%	43%	71%
SEG8C5	76%	71%	85%	81%
SEG8C6	76%	37%	47%	
SEG8C7	93%	56%	71%	48%
SEG8C8	71%	46%	45%	47%
SEG8C9		45%	54%	41%
SEG8C10	84%	32%	61%	73%
SEG8C11	65%	75%	45%	82%
SEG8C12	91%	56%	77%	
SEG8C13	83%	63%		64%
SEG8C14	97%	81%	67%	81%

Competency Chart

Competency Code	Competency	Percentage of Students Who Answered Correctly			
		2 Grade-Levels Below	1 Grade-Level Below	Grade-Level	Above Grade-Level
SEG8C1	Explains the importance of nutrients in plants and animals and the nutritional deficiency diseases; test the nutrients present in food and various methods of preservation of food	96%	50%	84%	--
SEG8C2	Compares the traditional and modern tools and processes used for various agricultural practices and elaborate the various cycles working in nature to maintain an ecological balance	--	--	81%	85%
SEG8C3	Recognises parts of a flower; Differentiates between Human male and female reproductive system, and bisexual and unisexual flowers	86%	52%	61%	18%
SEG8C4	Explains structural/behavioral or physiological adaptations of plants; Distinguish between sexual and asexual reproduction	78%	85%	43%	71%
SEG8C5	Compares and analyses the structural/behavioral or physiological adaptations of plants and animals; Distinguishes between sexual and asexual reproduction	76%	71%	85%	81%
SEG8C6	Explains water cycle and the consequences of its disturbance; and the causes of cyclones	76%	37%	47%	--
SEG8C7	Distinguishes between concave and convex lens; concave and convex mirrors	93%	56%	71%	48%
SEG8C8	Explains the need of waste disposal and the various processes related to treatment of wastewater; explains the origin of various air pollutants and their effect on quality of life (1)	71%	46%	45%	47%
SEG8C9	Explains the need of waste disposal and the various processes related to treatment of wastewater; explains the origin of various air pollutants and their effect on quality of life (2)	--	45%	54%	41%
SEG8C10	Classifies natural and synthetics fibres based on their properties	84%	32%	61%	73%
SEG8C11	Defines acids, bases and salts; classifies different substances based on their physical properties as metals, nonmetals and metalloids	65%	75%	45%	82%
SEG8C12	Distinguishes between conductors and insulators of electricity; examines the magnetic and chemical effect of electric current	91%	56%	77%	--
SEG8C13	Recognises materials that can become magnets; Explain the process of making an electromagnet	83%	63%	--	64%
SEG8C14	Defines pressure, motion, force, and its types; explains the effects of force on state of motion/shape of an object	97%	81%	67%	81%

Recommendations (Based on Average Scaled Score)

Students at the Proficient level can understand grade-level scientific concepts.

● Schools should encourage further exploration through advanced experiments, STEM projects, and engagement in science exhibitions.

● Teachers should focus on deepening students' inquiry and research skills, promoting discussions on scientific methods, and encouraging students to ask critical questions about the natural world.

● The teachers can integrate cross-curricular projects with areas like technology or mathematics to nurture a broader understanding in students. For example, concepts like force and motion can be used to explore how they impact sports performance, where they explore the role of inertia, friction and the angles in an athlete's performance.