

Class Performance Report

Chapter 5: Arithmetic Progressions — Post-Assessment Analytics

CLASS	SUBJECT	CHAPTER	STUDENTS	EVALUATED	CLASS AVG
10-A	Mathematics	Ch.5 — APs	35	33	21.6 / 30

Score Distribution

Range	No. of Students	% of Class	Performance Band
26–30	7	21%	Outstanding
21–25	12	36%	Proficient
16–20	9	27%	Developing
11–15	4	12%	Needs Support
0–10	1	3%	At Risk

Chapter-Wise Concept Performance

Concept / Topic	Questions	Class Avg Score	% Correct	Gap Flag
Definition and Identification of AP	Q1, Q2	0.91 / 1	91%	—
nth Term Formula	Q3, Q6	1.55 / 2	78%	—
Sum of n Terms	Q4, Q7	0.94 / 2	47%	& Review
Application Problems	Q5, Q8	1.52 / 2	76%	—
Word Problems & APs in Real Life	Q12, Q13	3.82 / 6	64%	& Monitor

Learning Gap Analysis

The following areas require targeted follow-up based on class performance data:

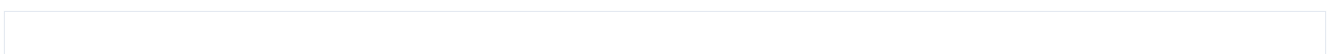
PRIORITY GAPS IDENTIFIED

- Sum of n Terms formula (47% class accuracy) — Recommend a focused revision session with worked examples
- Word problems involving AP in real-life contexts (64%) — Assign 2–3 practice problems before the next test
- 5 students scored below 15 — flag for remediation worksheet assignment this week

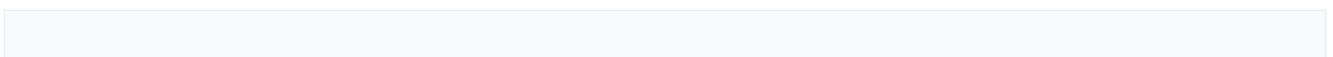
Top Performers

Rank	Student Name	Score	Percentage
1	Aryan Kapoor	30 / 30	100%

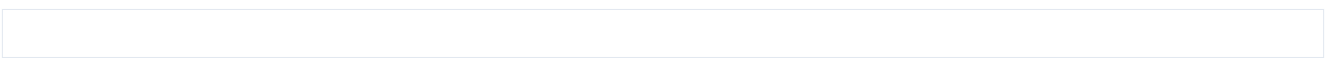
97%



93%



90%



Ankit Sharma

90%

