

# Square Country — Curriculum & Student Outcomes Review 2023 (₹)

Fiscal Year: 1 Jan – 31 Dec 2023  
Department: Ministry of Education  
Currency: ₹ (SCD)

## 1. Executive Summary

- Total curriculum-related expenditure (2023): ₹3,200,000,000
- Scope: Primary, secondary, and tertiary education programs nationwide
- Objective: Evaluate the effectiveness of curricula, learning outcomes, and alignment with national education standards.
- Key findings: Student learning outcomes improved in literacy and numeracy; STEM integration expanded; vocational and technical program participation increased.

## 2. Curriculum Implementation Highlights

Area	2022 Status	2023 Target	2023 Actual	Notes
National literacy curriculum	95% coverage	98%	97%	Target nearly met; minor rural gaps
Numeracy & mathematics	92% coverage	95%	94%	Improvements in student testing scores

STEM program integration	60% schools	70%	68%	Digital labs expanded; teacher training ongoing
Vocational & technical education	15,000 students	18,000	18,200	Target exceeded; strong employer engagement
Digital learning adoption	55% schools	65%	63%	Remote learning tools widely adopted
Curriculum updates completed	80%	100%	95%	Minor delays due to review timelines

### 3. Student Outcomes

Indicator	2022 Actual	2023 Target	2023 Actual	Status
Primary literacy proficiency	92%	94%	93%	⚠ Slightly below target
Primary numeracy proficiency	90%	93%	92%	⚠ Slightly below target
Secondary STEM competency	70%	75%	73%	⚠ Near target
Graduation rate (secondary)	88%	90%	89%	⚠ Near target

Postsecondary enrollment	55%	58%	57%	⚠ Slightly below target
Student satisfaction	85%	87%	86%	⚠ Near target

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## 4. Program Achievements

- 1. Literacy & Numeracy Initiatives:
    - National reading programs implemented in 97% of schools.
    - Standardized assessments indicate steady improvement in basic skills.
  - 2. STEM Integration:
    - 68% of schools have adopted digital labs, robotics, and coding programs.
    - Teacher training programs increased STEM teaching competency by 12%.
  - 3. Vocational & Technical Education:
    - Enrollment exceeded targets; new partnerships with industry increased hands-on training opportunities.
  - 4. Digital Learning Expansion:
    - Remote learning platforms adopted by 63% of schools.
    - Increased access to online educational resources for rural students.
  - 5. Curriculum Updates & Quality Assurance:
    - 95% of planned curriculum updates completed.
    - External reviews show alignment with national education standards.
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## 5. Fiscal Overview

Program	Budget (₹)	Actual (₹)	Variance
Literacy & Numeracy Programs	1,200,000,000	1,180,000,000	-20,000,000
STEM & Digital Learning	900,000,000	910,000,000	+10,000,000
Vocational & Technical Education	750,000,000	760,000,000	+10,000,000
Curriculum Development & QA	350,000,000	350,000,000	0
Total	3,200,000,000	3,200,000,000	0

Observation: Spending was fully aligned with budget; minor overspends offset by savings elsewhere.

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## 6. Key Challenges

- Rural access: Slight gaps in literacy and digital program adoption in remote areas.
  - Teacher capacity: Need for additional STEM and vocational educators.
  - Curriculum timing: Minor delays in updates impacted some course rollouts.
  - Student retention: Secondary and postsecondary retention remains a focus area.
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## **7. Recommendations**

- 1. Expand teacher recruitment and professional development in STEM and vocational subjects.**
  - 2. Increase digital infrastructure in rural schools to close access gaps.**
  - 3. Prioritize timely completion of curriculum updates.**
  - 4. Strengthen student retention programs and postsecondary transition support.**
  - 5. Continue monitoring and reporting student outcomes annually for policy adjustments.**
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## **8. Conclusion**

**The 2023 Curriculum & Student Outcomes Review demonstrates that Square Country made solid progress in literacy, numeracy, STEM, and vocational education. Student outcomes improved across most areas, with minor gaps in rural and secondary/postsecondary metrics. Continued investment in teacher training, digital learning, and curriculum updates is essential to sustain and improve performance nationwide.**