

PARAKH

RASHTRIYA SARVEKSHAN 2024

KEY INSIGHTS & SUGGESTED INTERVENTIONS
MAHARASHTRA >> SANGLI

GRADE 6





KEY INSIGHTS & SUGGESTED INTERVENTIONS

Comprehensive analysis of district-wide trends, key insights, and strategic interventions to drive informed decision-making and impactful actions.

1. Enhance student learning outcomes through innovative teaching strategies

MATHEMATICS

C-4.1 Solves puzzles and daily-life problems involving one or more operations on whole numbers (including word puzzles and puzzles from "recreational areas, such as the construction of magic squares)

43%

Suggested Interventions - Structured Reading Interventions:

Implement leveled reading programs, guided comprehension exercises, and vocabulary-building activities.

Math Fluency Programs:

Introduce concept-based problem-solving activities, interactive math journals, and hands-on measurement projects.

Inquiry-Driven Science Activities:

Encourage student-led experiments, field explorations, and collaborative investigations.

Integrated Arts and Movement:

Utilize role-playing, storytelling through puppetry, and kinesthetic learning to reinforce comprehension and cognitive engagement.

Technology-Enabled Learning:

Introduce age-appropriate digital tools, educational apps, and virtual labs to enhance concept retention.

Peer-Assisted Learning Programs:

Establish structured peer mentoring and cooperative learning groups to support skill acquisition.

Assessment and Monitoring (Aligned with Holistic Progress Card - HPC) Assessment Tools:

Oral reading fluency tests, hands-on math tasks, science journal reflections, peer and self-assessments.

HPC Alignment:

Tracking literacy development, logical reasoning, problem-solving ability, and scientific curiosity using rubrics and performance-based assessments.

C-3.3 Carries out simple unit conversions, such as from centimetres to metres, within a system of measurement

39%

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C-1.2 Represents and compares commonly used fractions in daily life (such as $\frac{1}{2}$, $\frac{1}{4}$) as parts of unit wholes, as locations on number lines and as divisions of whole numbers
32%
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WORLD AROUND US

C-1.3 Asks questions and makes predictions about simple patterns (season change, food chain, phases of the moon, movement of stars and planets, shapes of trees, plants, leaves, and flowers, rituals, celebrations) observed in the immediate environment
41%
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7. Improve the involvement of parent and community participation for better function.

Suggested Interventions - CSR Mapping and Outreach:

Identify corporations with active CSR initiatives in education and establish partnerships.

Long-Term Partnerships:

Facilitate corporate collaborations for sustained investments in teacher training, digital learning, and infrastructure.

Employee Engagement Programs:

Encourage corporate volunteering for skill-based training, mentorship, and content development.

Recognition and Reporting:

Showcase CSR contributions through reports, impact assessments, and school-community engagement events.

Holistic Progress Card (HPC) Implementation:

Use PARAKH NCERT's framework to track teacher development and the impact of CSR initiatives.

Samagra Shiksha Abhiyan (SSA):

Strengthening teacher education, school infrastructure, and ICT-based learning.

Public-Private Partnership (PPP) in Education:

Encouraging corporate participation in school improvement projects.

DIKSHA Portal:

Providing digital teaching resources, online training, and content-sharing for educators.

National Initiative for School Heads and Teachers Holistic Advancement (NISHTHA):

Capacity-building for teachers, which CSR can supplement.

Rashtriya Avishkar Abhiyan (RAA):

Promoting STEM education in schools with CSR collaboration for hands-on learning tools.

Vidyanjali 2:

A platform enabling corporate and individual volunteers to support government schools through knowledge and infrastructure contributions.

National Education Policy (NEP) 2020 Implementation Grants:

Allowing CSR investments to align with teacher development and digital education reforms.

Pradhan Mantri e-Vidya:

Encouraging CSR-driven e-learning content development and teacher training for digital education.

School Innovation Council (SIC) Initiative:

Supporting innovation-driven projects in schools through CSR partnerships.

Corporate Social Responsibility Rules (MCA, 2014):

Encouraging corporate spending on education under Schedule VII of the Companies Act.

10. Use/availability of technology for better learning.**Suggested Interventions - One Student-One Device Initiative:**

Leverage Digital Indias PM eVidya Scheme to provide affordable student-friendly tablets.

Schools can organize Adopt a Child's Education programs for corporate and community support.

Refurbished Laptop Distribution Programs:

Encourage donation drives for second-hand functional laptops through NGOs like eVidyaloka and Digital Empowerment Foundation (DEF).

Partner with local businesses to provide low-cost EMI-based laptop financing for parents.

School-Based Shared Learning Labs:

Schools set up after-school digital learning centers where students can access computers.

Strengthen libraries with digital resources and device-sharing policies.

AICTEs Free Laptop Scheme for financially weaker students.

DigiLEP (Digital Learning Enhancement Program) launched by states like Madhya Pradesh and Maharashtra.

13. Promote inclusiveness at the school level

Percentage of school does not offer special accommodations for students with special need

75%

Suggested Interventions - Infrastructure and Accessibility Enhancements:

Ensure barrier-free access (ramps, accessible toilets, lifts in multi-story schools) as per RPWD Act 2016.

Implement Universal Design for Learning (UDL) to make classrooms inclusive.

Flexible Learning Arrangements:

Introduce modified assessment strategies (extra time, scribes, oral exams, and alternative formats).

Provide customized seating arrangements for better visibility and accessibility.

Financial Support for Inclusive Infrastructure:

Utilize Samagra Shiksha Abhiyan (SSA) funds for inclusive education.

Avail CSR funding from private organizations to build inclusive classrooms.

Sarva Shiksha Abhiyan (SSA) mandates all schools to be barrier-free for CWSN.

RPWD Act 2016 ensures equal opportunities and accessibility.

14. Continuous Professional Development

Percentage of teachers do not participate in the Mentoring and Peer Observation and Coaching as part of a formal school management in BRCs or CRCs activity in last 12 months

59%

Suggested Interventions - Structured Peer Observation and Coaching:

Implement regular observation cycles with feedback; assign Mentor Teachers (MTs) in schools.

School Leadership Mentorship:

Train Principals and Head Teachers in mentorship; establish BRC-CRC mentoring teams for bi-monthly classroom observations.

Technology-Enabled Mentorship:

Utilize DIKSHA and NTP for digital mentor-mentee interactions and best practice sharing.

Capacity Building:

Promote NCERTs NISHTHA training for peer learning; conduct BRC or CRC-led workshops.

Recognition and Incentives:

Provide certifications and career benefits for active participation.

Holistic Progress Card (HPC):

Implement PARAKH NCERT framework to track mentoring engagement.

Samagra Shiksha Abhiyan (SSA):

Supports school-based mentoring programs.

NISHTHA (NCERT):

Focuses on peer learning and teacher training.

DIKSHA Portal:

Digital platform for mentorship and resource sharing.

Rashtriya Madhyamik Shiksha Abhiyan (RMSA):

Enhances teacher professional development.

PM eVIDYA:

Provides digital learning resources for teachers.

National Initiative for School Heads and Teachers Holistic Advancement (NISHTHA 2):

Strengthens pedagogical skills.

National Professional Standards for Teachers (NPST):

Encourages structured teacher mentoring.

AICTE Training and Learning (ATAL) Program:

Supports continuous teacher upskilling.

Percentage of teachers do not participate in the ICT related training during the last 12 months

59%

Suggested Interventions - Mandatory ICT Training for All Teachers:

Integrate digital literacy modules in NISHTHA and DIKSHA platforms.

Organize annual ICT training under SCERTs and DIETs with a focus on AI, coding, and digital assessments.

Strengthening ICT Infrastructure in Schools:

Equip schools with smart classrooms, digital boards, and government-sponsored EdTech solutions (eg, PM eVidya).

Provide access to free and open-source digital tools (GeoGebra, PHET simulations, etc.).

Recognition and Incentives for Digital Learning Implementation:

Establish "ICT Teacher of the Month" awards for innovative use of technology.

Provide additional resources to schools with high teacher participation in ICT programs.

DIKSHA platform offers digital training programs for teachers.

PM eVidya supports digital infrastructure development in schools.