

This study involved students of **Standards 9 and 10 (aged 14–16)** in subjects like **Mathematics, Science, and Social Studies**, using diagnostic and remedial techniques to measure improvement.

Interpretation of Topic :

“કાચાને પાંકાં કરો અને પાંકાંને પારંગાર કરો, ઝાનનું આદાન-પ્રદાન કરો.”

– Dr. Bhagubhai Ishwarbhai Prajapati

Weak Students & Causes : Students scoring below 50% often have poor conceptual clarity, lack confidence, irregular study habits, weak reading/writing, exam fear, and limited parental support.

Below 33%	33%–50%
Lack of base knowledge	Fear of subjects
Poor study habits	Low concentration
Irregular attendance	Unfavourable home environment
Exam stress	Bad company

દરેક બાળકમાં કોઈને કોઈ શ્રેષ્ઠતા છુપાયેલી હોય છે.

Problems & Solutions :

Category	Problems	Solutions
33–50%	Lack of deep understanding, poor consistency, low focus	Strengthen concepts, regular practice, time management, motivation, counseling
Below 33%	Weak base, poor reading & writing, low confidence	Intensive remedial teaching, motivation, parent involvement, visual aids, progress tracking

Sample & Method :

- ◆ **School :** Narayan Vidyalaya, Bharuch (English Medium)
- ◆ **Class :** Std. 9 & 10
- ◆ **Total Students :** 15
- ◆ **Subjects :** Maths, Science, Social Studies

શિક્ષણક્ષેત્રમાં નવીનતા સંશોધનથી જન્મે છે.

Method Used: Experimental (Pre-Test ! Remedial Work ! Post-Test ! Final Test)

Definition

- ◆ **Nidan (Diagnosis):** Identifying learning difficulties and causes.
- ◆ **Upchar (Remedial):** Providing corrective measures and extra support.

Nidan = Identify the problem; Upchar = Solve the problem.

Steps : 

1 Idee

2. Conduct diagnostic tests
3. Plan remedial sessions (worksheets, activities)
4. Conduct 6–8 weeks of remedial teaching
5. Post-tests and progress analysis

માત્ર એક પરીક્ષામાં નાપાસ થવું એ
તમારી હાર નથી, જે ક્ષાણે તમે
સખત મહેનત કરવાનું બંધ કરો છો
તે તમારી હાર છે.

Results Summary :

Test	Std. 9 (%)	Std. 10 (%)	Observation
1st (Pre-Test)	16.7–26.7	18.3–45	Very weak base
2nd (Post-Test)	31.7–40	33.3–56.7	Clear improvement
3rd (Final Test)	41.7–48.3	48.3–61.7	Excellent progress

**Teaching without
psychology is like driving
without
knowing the road**