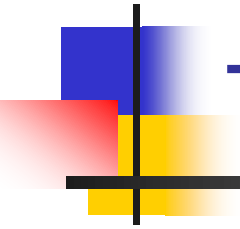


TRUWDES School

Manjampatti village, Tamil Nadu

Project Review 2009-10

Project Renewal 2010-11

Madhu Kakarala

[AshaSV]

Project Overview

- Residential school serving few remote tribal hamlets in Western Ghats
- Located at Manchampatti village in Indira Gandhi National Reserve Forest, Tamil Nadu
- Villages lack link roads, electricity, running water, medical facilities, schools or shops
- Children from 4 hamlets - Manchampatti, Moongilpallam , Muduvakudi and Thalunchi
- Major occupation for the communities – subsistance farming, collection of forest produce
- Population comprises of tribals and dalits (migrant population from the mainland)

Background

TRUWDES

(**T**richirapalli **R**ural and **U**rban **W**elfare **D**evelopment **E**ducational **S**ociety)

- Started as NFE in 1999
- TRUWDES has been running this as FE school since 2001
- Working in 5 villages since 1999
  - Runs old-age home, school
- AshaSV has been supporting the school since 2007
  - school has shown improvement since

School Details

Overview

- 52 Students (33 boys, 19 girls)
- 25 children reside at the school hostel.
- Primary Education in Tamil medium
- Standard I through VII
- Comprises of one shed - all classes conducted in one common tin-roofed shed
- Education methods
  - Activity based learning methods for the younger children.
  - For the older children, textbooks are being used.

School Details (contd. 1)

Staff

- Two Teachers
- One Physical Education Teacher visits once in a fortnight
- Supported by a cook and a helper

Government recognition

- Ongoing efforts to get govt. recognition for school from Dept. of Education
  - Lack of good school building has been a drawback
- TRUWDES has been able to obtain renewable one year recognition to issue TC's for the children from I standard to VII standard
  - This year's approval is pending

School Details (contd. 3)

- School provides
  - Primary Education in Tamil medium from KG to VII standard.
  - Nutrition for all children
    - mid-day meals, night and weekends for residential kids
  - Uniforms
  - Bed sheets, pillows for residential children.
  - Textbooks, notebooks, pencils and other stationery
  - Play materials
    - Collection includes - chess board, ring ball, cricket bat, ball, snake ladder, volley ball, foot ball, carom board etc
  - Has solar lanterns for classrooms and kitchen
- School kept open on most Sundays,
  - This is possible since teachers stay on school premises
- Extra-curricular activities for children
- Parents supportive and encourage keeping school open on Sundays

School Details (contd. 4)

- House visits
  - Teachers make weekly visits to children's houses in the villages during weekends
  - Share issues about child's education with parents - performance of each individual child, need for parental attention to education and nutrition of the child.
  - This helps
    - In checking the drop-out situation and absenteeism
    - Ensures better performance of the child
    - Creates awareness about the need for education

School Details (contd. 5)

- **SUBJECTS**
  - Tamil, English, Science, Social Studies, Mathematics
- **SYSTEM** :
  - ABL (activity based learning) method for class below IV
  - ALM method (textbook-based) for classes V-VII
- **SYLLABUS**
  - State board, Tamil Medium
- **EXAMINATION PATTERN:**
  - Monthly, quarterly, half yearly and annual exams are conducted
  - Question papers are obtained from Madurai Siruvar Kala Mandram, Madurai

2009-10 Academic Year : Highlights

- **Teachers attended trainings**
  - 4 trainings, 3 days each between Oct 09-Jan 10
  - Trainings in ABL and ALM methods organized by the Chief Educational Officer, Dindigul district
- **Government Officials' Visit**
  - Inspector has been more receptive to school's problems since.
- **Solar lamps**
  - AshaSV helped apply for Solar Lamps grant
  - Received 25 solar lamps through a grant from CosmosIgnite
  - Being used by children & teachers
- **ASER tests administered to children**
  - Annual Status of Education Report (ASER)
  - Results satisfactory

2009-10 Academic Year : Highlights

- Visit by Government officials on August 29th, 2009
  - Thiru. Gnanasekaran, Sub Collector, Kodaikanal
  - Thiru. Thiru Koda Pandian, Block Development Officer, Kodaikanal.
  - Thiru. Udayakumar, Tashildar, Kodaikanal
  - Thiru. Jayaraj, Revenue Inspector, Mannavanur
  - Thiru. Murugesan, Special Tashildar, Kodaikanal (Tribal welfare).
  - Thiru. Arumugam, Inspector of Police, Q Branch,Theni
  - Thiru. Gnanasekaran, Ranger, Amaravathi
  - Thiru. Illayaraja, Trainer, Block Resource and Training Center, Kodaikanal.
- Subsequent to the visit, received confirmation regarding relocation issue
- Inspector has been more receptive to school's problems since.
  - Visited again in August this year

Issues / Challenges

- School was in urgent need of Renovation
  - Single tin-roofed shed serves as school and hostel, mud walls and floor
  - All classes held in the shed.
  - Structure needs repair and some renovation to improve learning environment
- History
  - Chapter had approved funds for construction of new building in 2007
  - New construction was suspended due to possible relocation and funds were used for 09 operational expensed in 2008-09.

- 2010 Update on School Renovation
  - Relocation not an issue anymore for Manjampatti
  - Renovation funds were approved last year
  - Used for construction of new building with excess from other items.

Issues / Challenges

- Tiger Conservation drive
  - The Govt. of India has declared this as National Tiger Reserve
  - Movement of villagers will be severely curtailed
  - Govt. had tried motivating the villagers to evacuate their dwelling to the plains or nearby villages
  - Forest officials had announced a compensation package for tribal families who opt to relocate

  - Update 2010
    - Most tribals reluctant to relocate. So far, only 4 families in Mudhuvakudi have opted to relocate.
    - Manjampatti is a revenue village – will not relocate
    - 2 hamlets (Mudhuvakudi and Moogalipalam) may need to move to Manjampatti

Issues / Challenges

- Teacher Retention
  - Several teachers have left over the years due to inaccessibility, lack of transportation, social life, poor communication
  - Year-end Incentives introduced in 2009-10 year seem to have been effective
  - Both teachers stayed on till end of academic year

- Child trafficking for bonded labor
  - Children sent to textiles unit in Thiruppur and Udumalaipet towns, and eatable production units in Gujarat
  - Trying to dissuade parents from selling their children as bonded labor through teacher visits to children's homes

Issues / Challenges

- Lack of clean drinking water
  - This is a serious problem, as was evident from our recent site visit
  - Children lack safe drinking water
  - Rainwater streams are the only source of water
  - Water is muddy or most of the year
  - Water-borne ailments common among kids
  - Urgent need for water-filtration at school
  - May also help improve goodwill in community
  - Have been looking into low-cost scalable water filtration solutions

Budget : 2010– 11 (proposed)

S No	Items of expenditure and activities proposed	Expenditure per month	Units/ personnel	Expenditure per annum
A	**Personnel**			
01	Honorararium to teachers	Rs.6000/- p.m	2 persons	**144000**
02	Honorararium to cook	Rs.2500/-p.m	1 person	**30000**
03	Honorarium to Helper	Rs.1500/-p.m	1 person	**18000**
	Sub Total	10000	4 persons	**192000**
B	**Children needs**			
04	Nutrition. Health care expenditures for children @ Rs.20/-per day x 30 days (per child)	Rs.600/- p.m	25 children	**165000**
05	Uniforms @Rs.900/-per child (2 sets)	900	50 children	**45000**
06	Note books, books, stationeries	400	50	**20000**
07	Contingencies expenditure	1000	11 months	**11000**
08	First aid medicines	600	11	**6600**
	Sub total	-	-	**247600**
C	**Non recurring items**			
09	S. Type chairs @ Rs.2000/-per (3 chairs)	665	3 units	**1995**
10	Honda Generator	20000	1	**20000**
11	Water well digging, water connection, pump PVC fittings, one horse power motor, labor charges etc	25000	1	**25000**
12	Water purifier RO System	14000	1	**14000**
13	Almarah or cupboard	12000	2	**24000**
	Sub total			**84995**
	Total costs of the project	-	-	**524595**

Budget : 2010– 11 (revised)

S No	Items of expenditure and activities proposed	Expenditure per month (Rs)	Units/ personnel	Expenditure per annum	Excluded	Comment
A	**Personnel**					
01	Honorarium to teachers	4500	2	108000		
02	Honorarium to cook	2200	1	30000		
03	Honorarium to helper	1200	1	18000		
04	Year-end incentive (Teacher)	600	2	14400		
05	Year-end incentive (Cook)	250	1	3000		
06	Year-end incentive (Helper)	200	2	2400		
	Sub Total	9000	4	**168600**	**22200**	Reduction
B	**Children needs**					
04	Nutrition. Health care expenditure for children @ Rs.20/-per day x 30 days (per child)	600	25 children	165000		
05	Uniforms @Rs.325/-per child (2 sets)	650	50 children	32500	**12250**	Reduced from 450 to 325 per/set
06	Note books, books, stationeries	400	50	20000		
07	First aid medicines	600	11	6600		
	Sub total	-	-	**224100**		
C	**Non recurring items**					
08	Contingencies			10000	**1000**	
09	S. Type chairs @ Rs.2000/-per (3 chairs)	665	3 units	1995		
10	Honda Generator	20000	1	20000		
11	Water well digging, water connection, pump PVC fittings, one horse power motor, labor charges etc	25000	1	25000		Conditional
12	Water purifier RO System	14000	1	14000		Conditional
13	Almarah or cupboard	12000	2	20000	**4000**	Reduced by 4K
	Sub total			**65995**		
	Total costs of the project	-	-	**483695**	**39450**	Total Reduction

Water Filtration

- Filtration options
  - RO system
    - Effective, may not be scalable
  - Sheba
    - Innovative, low cost household water filter targeted specifically at rural Indian communities.
    - Was created in the International Developing Design Summit at MIT in 2007.
    - With NCIIA funding, the team is refining the design
    - Plan is to test it in India, perform market research, re-design, and launch.
    - Contacted AYZH, the company that is building these filters
    - "We have just finished the water testing and are looking for partners to pilot the water filters in some regions in TN. We would be happy to implement a few in your location later this year, this would help us and you evaluate the efficiency and suitability for your region, our filter is modular and hence we can custom make it for your region based on the contaminants in your region. "

Funding

2009-10 budget: Rs. 472600

2010-11 budget request: Rs. 484895

(operational expenses, uniforms, water filtration)

Budget for 2009-10

S No	Items of expenditure and activities proposed	Expenditure per month	Units/ personnel	Expenditure per annum
A	**Personnel**			
01	Honorararium to teachers	Rs.4000/- p.m	2 persons	**96000**
02	Honorararium to cook	Rs.2000/-p.m	1 person	**24000**
03	Honorarium to Helper	Rs.1000/-p.m	1 person	**12000**
04	Incentive for the Staff members (yearly)	Rs.5500/-per head	2 persons	**11000**
	Sub Total	-.	4 persons	**143000**
B	**Children needs**			
04	Nutrition. Health care expenditures for children @ Rs.18/-per day x 30 days (per child)	Rs.450/- p.m	25 children	**123750**
05	Note books(4 lines, 2 lines, maths, science note books), pencils, erasers, multiplication tables, pens, stationeries	-	63	**16850**
06	Contingencies expenditure	1000	11 months	**11000**
07	Exposure to children	-	-	**20000**
	Sub total	-	-	**171600**
C	**Non recurring items**			
07	Steel table, mica top for teachers @ Rs.2500/- per table	2500	2 units	**5000**
08	Play materials for children	-	-	**6000**
09	21 inches Color TV with DVD player with DISH antenna , TV stand	-	-	**22000**
10	Solar lamps with batteries inverter, connection charges	-	-	**55000**
11	Cost of the renovation of existing school premises	-	-	**70000**
	Sub total			**158000**
	Total costs of the project	-	-	**472600**

Expenses : June 2009 – May 2010

S No	Items of expenditure and activities proposed	Expenditure per annum
A	**Personnel**	
01	Honorararium to teachers	**96000**
02	Honorararium to cook	**24000**
03	Honorarium to Helper	**12000**
04	Incentives for the staff members for 2 teachers	**11000**
	Sub Total	**143000**
B	**Children needs**	
04	Nutrition. Health care expenditures for children @ Rs.18/-per day x 30 days (per child)	**124600**
05	Note books, books, stationeries	**16900**
07	Contingencies expenditure(charts, documentation, chalks, prizes etc)	**11000**
	Sub total	**152500**
C	**Non recurring items**	
08	Tables	**5150**
09	Play materials	**6500**
10	TV, DVD, AIR TEL dish	**22700**
11	Solar lamp with batteries and connection charges	**25500**
12	Renovation works for the building	**124600**
	Sub total	**184450**
	Total costs of the project	**479950**

Evaluation

- **Student retention:** keep the children from dropping out and ensure that all students enrolled complete the academic year. Track and report student attendance at the end of academic year.
- **Teacher retention:** Retain same teachers / ensure school has 2 teachers all through the academic year
- **Performance monitoring:** Administer ASER tests to assess student learning level, provide assessment report
- **School Renovation:** Complete renovation as described in report, provide before-after photos.
- Secure permanent **Government recognition** by end of academic year.
- Conduct **education trip** – provide trip photos and trip report from teachers/students/Truwdes
- Ensure **continuity** of the school through the academic year, closely monitor relocation situation and adapt plans for school accordingly.
- Plan for **scholarships** to support the education at outside schools for students passing out of class VIII

ASER Test Sample

Arithmetic test : Sample

Annual Status of Education Report
असर ASER 2006 RURAL
ilitated by PRATHAM

MATH TEST/ गणित (4)

Number/ संख्या पहचान		Subtraction/ घटा		Division/ भाग
27	86	82 - 27	58 - 29	7)823(
44	71	77 - 69	55 - 36	4)578(
52	83	65 - 48	25 - 17	6)783(
75	56			
31	64	32 - 18	41 - 25	8)969(
Ask any 5. Of 5, 4 must be correct./ पाँच पूछो। 5 में से 4 सही होने चाहिए।		Ask any 2. Both must be correct. दो करो। दोनों ही सही होने चाहिये।		Ask any 1. It must be correct. एक करो। किया हुआ सवाल सही होना चाहिए।

Sample : Arithmetic test

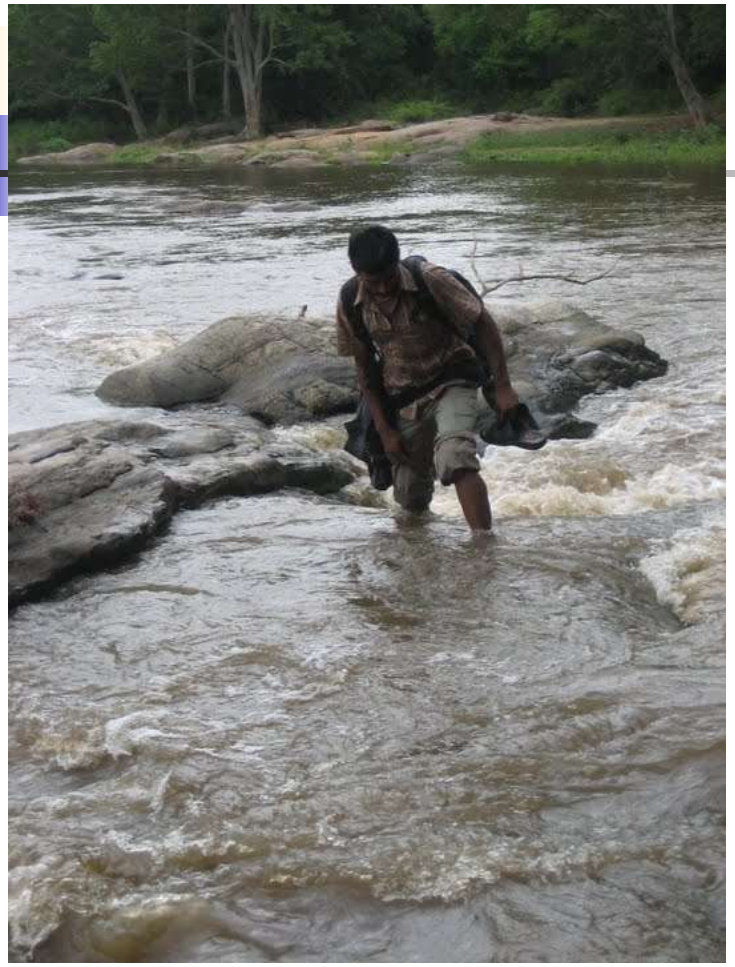
Similar tests developed in all languages

ASER Test Results

SCHOOL FOR TRIBAL CHILDERN
Manjampatti, Kodaikkanal, Dindigul.

TEST – I-IV **TEST – I-IV**

S.NO	NAME	TAMIL			MATHS			
		LETTER	WORD	PARA	1-9	11-99	S	D
	I- STANDARD							
1.	E.AJITH PANDI	5	4	3	5	5	10	5
2.	K. ARUL	5	4	-	5	4	5	-
3.	K. DEVI	5	5	2	5	5	5	-
4.	G. DHARMENDRAN	3	-	-	2	-	-	-
5.	K. KUMAR	4	3	-	5	4	-	-
6.	K. GOMATHI	4	4	2	5	5	5	-
7.	K. MAHA	5	3	-	5	4	-	-
8.	N. MAHESHWARI	5	5	4	5	5	5	-
9.	S. MANI	4	4	3	5	4	-	-
10.	K. MANIKANDAN	4	3	-	5	4	5	-
11.	M. KAVYA	5	4	2	5	5	5	-
12.	M. NISHANTHI	5	5	3	5	5	5	5
13.	M. PARI	5	4	-	5	5	5	-
14.	S. RAJESH	5	4	2	5	5	10	-
15.	S. SANJEEVI	5	5	4	5	4	-	-
16.	M. SANTHIYA	5	3	-	5	2	-	-
17.	M. SATHISH	5	4	2	5	5	5	-
18.	P. SATHIYA	3	-	-	4	3	-	-
19.	N. KAVITHA	3	-	-	5	3	-	-
	II- STANDARD							
20	E. GANESAN	5	5	6	5	5	10	5
21	K. MURUGAN	5	5	4	5	5	5	5
22	K. PARAMASIVAN	5	5	6	5	5	-	-
23	R.RAJI	5	5	4	5	5	5	-
24	K. SELVAM	5	5	6	5	5	-	-
25	M. SUBASH	5	5	5	5	5	5	-
	III- STANDARD							
26.	A. DHARMARAJ	5	5	6	5	5	10	5
27.	P.PARIVIRAMAN	5	5	8	5	5	5	5
28.	T. PACKIYALAKSHMI	5	5	4	5	5	-	-
29.	K. RAJESH	5	5	6	5	5	10	5
30.	M. SANKARADEVAN	5	5	6	5	5	5	6
31.	S. SURESH	5	5	8	5	5	5	-
	IV- STANDARD							
32.	M. AJITH	5	5	6	5	5	10	5
33.	A. EASHWARI	5	5	10	5	5	10	10
34.	K. KAMATCHI	5	5	10	5	5	10	10
35.	K. PANCHALI	5	5	8	5	5	10	10
36.	M. POTHIRASU	5	5	9	5	5	10	5
37.	D. SUNDAR	5	5	10	5	5	10	5
38.	A. VADIVEL	5	5	6	5	5	5	-
	V- STANDARD							
39	M. KARUPPASAMY	5	5	7	5	5	10	10
40	K. MUTHUPANDIYAMMAL	5	5	10	5	5	10	10
	VI- STANDARD							
41	S. KARUPPASAMY	5	5	7	5	5	10	10
42	E. NAGAMMAL	5	5	7	5	5	10	10
43	K. PALPANDI	5	5	8	5	5	10	5
44	M. POUNDURAI	5	5	9	5	5	10	10
45	N. PRABHADEVI	5	5	10	5	5	10	10
46	K. PANDIYAMMAL	5	5	10	5	5	10	10
47	M. RAJESH	5	5	10	5	5	10	5
48	N. SELVAM.	5	5	9	5	5	10	5
49	D. JAYA	5	5	8	5	5	10	5
	VII-STANDARD							
50.	N. CHELLAM	5	5	10	5	5	10	10
51.	A. GANDHIRASU	5	5	10	5	5	10	10
52.	K. JAYAPRIYA	5	5	10	5	5	10	10
53.	E. JOTHI	5	5	10	5	5	10	10
54.	M. PRADEEPKUMAR	5	5	10	5	5	10	10
55.	T. RAJENDRAN	5	5	10	5	5	10	10
56.	A. RAJALAKSHMI	5	5	10	5	5	10	10
57.	P. RAMASAMY	5	5	10	5	5	10	10
58.	K. SAMUTHIRAPANDI	5	5	10	5	5	10	10
59.	M. VIRUMANDI	5	5	10	5	5	10	10

Pictures

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