

**An impact study of Attendance upon  
Learning of Pupils of  
Primary Schools**



*Conducted by :*

**Research and Evaluation Intervention  
Sarva Shiksha Mission  
Purba Medinipur : : Tamluk**

## Analysis and Discussion

The results after analysis of data are tabulated and through discussion of results with the help of high percentage of number of schools involved in the effects, the prominent effects due to impact of attendance in learning are collected and mentioned as major findings in respect of effects in learning due to impact of attendance upon learning of pupils of Primary Schools of Purba Medinipur District (2006-2007).

Prominent effects in the form of major findings in learning due to impact of attendance upon learning of pupils of Primary Schools of Purba Medinipur District (2006-2007).

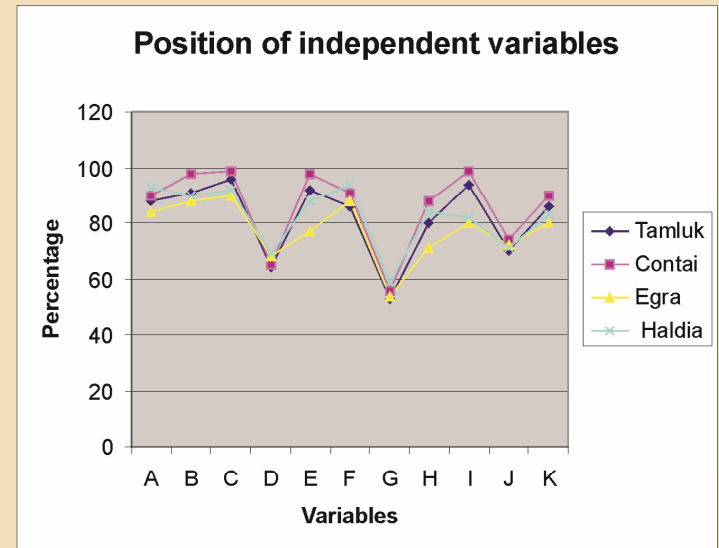
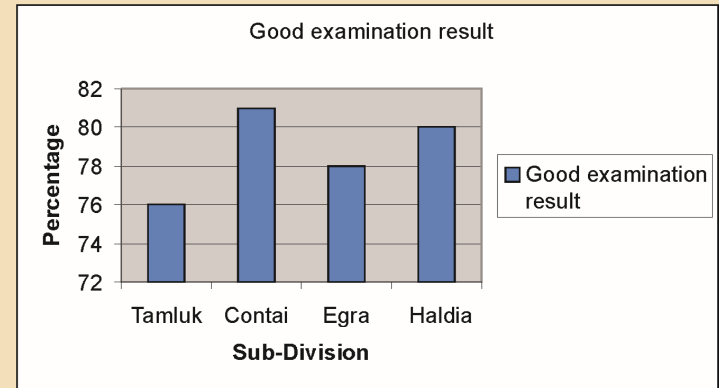
1. Pupils learn easily (98%).
2. They learn systematically (87%).
3. They pay more attention and interest of learning of Lesson (99%).
4. Pupils participate satisfactorily in interaction of learning (99%).
5. They clearly understand use of TLM in learning and learn clearly (83%).
6. Pupils develop calm and quiet attitude of listening of lesson (95)%.
7. They gather systematic knowledge of subject (88%).
8. Pupils are satisfied in staying at class during learning of lesson (89%).

After analysis of data are tabulated and through discussion of results with the help of low (below 80%) percentage of number of schools involved in the effects, the effects due to impact of attendance in learning are collected and mentioned as major findings in respect of effects in learning due to impact of attendance up on learning of pupils of Primary schools of Purba Medinipur District (2006-2007).

Low percentage effects in the form of major findings in learning due to impact of attendance up on learning of pupils of Primary Schools of Purba Medinipur District (2006-2007).

1. Pupils preparation not satisfactorily in interaction of learning (71%).
2. Pupils not completion of every day lesson (43%).
3. Pupils not satisfactory of class examination result (76%).
4. Pupils learning rate and quality achievement of class lesson not satisfactory (72%).

## Good Examination Result Sub-Division wise



- A: Easy Learning
- B: Systematic Learning
- C: Attention and Interest for Class lesson
- D: Satisfactory Preparation
- E: Satisfactory Participation
- F: Clear Understanding of TLM
- G: Completion of every day lesson

### Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	1.000	1.000	1.000	.

a Predictors: (Constant), K, H, G

### ANOVA

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	14.750	3	4.917	.	.
Residual	5.076E-14	0	.	.	.
Total	14.750	3	.	.	.

a Predictors: (Constant), K, H, G  
b Dependent Variable: A

### Coefficients

Model	Unstandardized Coefficients B	Std. Error	Standardized Coefficients Beta	t	Sig.
1 (Constant)	-15.333	.000	.	.	.
Clear Understanding of TLM	1.667	.000	-2.631	.	.
Completion of Every day lesson	2.667	.000	3.182	.	.
Satisfactory learning rate & achievement	1.333	.000	1.027	.	.

a Dependent Variable : Good Examination Result

## Report of impact study under Research and Evaluation intervention S.S.M., Purba Medinipur

Title : Evaluation of impact of attendance upon learning of pupils of Primary Schools.

Area of Study : Pedagogical Intervention.

Name of Principal investigator : Research and evaluation intervention, S.S.M., Purba Medinipur.

Scope and Coverage : Purba Medinipur District 4 Sub-Divisions 25 Blocks 44 Circles.

### Objectives of Study

The Government of India has lunched the S.S.M. in 2000 with the following aims:-

1. Admission of the dropouts and never enrolled children.
2. Retention of those children in the schools.
3. Improvement of the quality of education of the children.

West Bengal, like all others States of India has carried out this programme successfully since inception. However, in Purba Medinipur this programme started in 2002 and during last 6 (six) years a huge amount of money has been invested for the benefit of the Primary Schools in this scheme. So it is the time to evaluate the prominent effects of attendance upon learning of pupils of Primary Schools, which is an important objective of S.S.M.

### Methodology of Study

In Purba Medinipur District there are 44 Circles under which 3234 Primary Schools exist. For research purpose it is quite impossible to survey each and every school. So five Primary Schools (two are very good, two are moderately good and one is not good ranked on the basis of previous results) from each Circle in consultation with C.P.C.s (Circle Project Co-Ordinators of Schools) that is, a total of 220 Primary school are selected as a sample size. Appointed investigators (unemployed graduate) have surveyed these schools through a well structured Data Capture Forma (DCF which is attached at the end of these papers). All the data, after collecting the above stated method are computerised. Then we have used different statistical tools like simple correlation, multiple regression etc. to derive different useful result via S.P.S.S. package.

**TABLE No. - 2  
Tamiluk Sub-Division**

Effects in the different aspects of learning due to impact of attendance upon learning of pupils of Primary Schools represented by number of Primary Schools of different circles of Tamiluk Sub-Division involved in the effects.

Block	Circle	1	2	3	4	5	6	7	8	9	10	11
Panskura-I	Panskura-I	5	5	5	5	5	5	5	1	5	5	5
	Panskura South	1	5	5	5	0	5	5	2	5	5	1
	Panskura North	1	5	5	5	1	5	5	1	5	5	2
Panskura-II (Kolaghat)	Kolaghat	5	5	5	5	5	5	5	5	5	5	5
	Kolaghat-I	5	5	5	5	5	5	5	5	5	5	5
Tamiluk	Srirampur	1	5	5	5	1	5	5	2	5	5	1
	Tamiluk South	5	5	5	5	5	5	5	1	5	5	2
Sahid Magangini	Tamiluk North	5	5	5	5	5	5	5	1	5	5	5
	Tamiluk Rural	5	5	5	5	5	5	5	1	5	5	5
Moyna	Moyna	5	5	5	5	5	5	5	1	5	4	5
	Moyna West	1	5	5	5	1	5	5	1	5	4	2
Nandakumar	Mahishadal West	5	5	5	5	5	5	5	1	5	5	5
	Thekuachak	1	5	5	5	1	5	5	2	5	4	2
Nandigram-III	Narghat	1	5	4	5	1	5	5	1	5	4	1
<b>Total</b>		<b>45</b>	<b>70</b>	<b>69</b>	<b>70</b>	<b>45</b>	<b>70</b>	<b>70</b>	<b>25</b>	<b>70</b>	<b>66</b>	<b>46</b>

**TABLE No. - 3  
Contai Sub-Division**

Effects in the different aspects of learning due to impact of attendance upon learning of pupils of Primary schools represented by number of Primary Schools of different circles of Contai Sub-Division involved in the effects.

Block	Circle	1	2	3	4	5	6	7	8	9	10	11	12
Contai-I	Contai West	5	4	5	5	5	4	1	4	5	5	4	5
	Contai-II	5	4	5	5	5	4	1	4	5	5	4	5
Contai-II	Contai New	5	5	5	5	5	5	5	4	5	5	4	5
	Contai East	5	4	5	1	5	5	2	1	1	5	1	5
Contai-III	Contai North	5	5	5	5	5	5	0	4	5	5	4	5
	Contai-III	5	5	5	5	5	5	1	4	5	5	4	5
Ramragar-I	Ramragar	5	4	5	2	2	5	1	5	5	5	2	5
	Digha	4	4	5	1	5	4	1	4	1	5	1	4
Ramragar-II	Pichaboni	4	4	5	4	5	4	2	4	5	5	4	4
	Khejuri South	4	4	5	1	5	5	1	4	4	5	4	2
Khejuri-I	Heria	4	4	5	4	5	5	1	4	5	5	4	4
	Khejuri	5	4	5	1	5	5	1	4	1	4	1	4
Bhagwanpur-II	Mugberia	5	5	5	5	5	5	1	5	5	5	4	5
	Mugberia-I	5	5	5	5	5	5	1	5	5	5	4	5
<b>Total</b>		<b>66</b>	<b>61</b>	<b>70</b>	<b>49</b>	<b>67</b>	<b>66</b>	<b>19</b>	<b>56</b>	<b>57</b>	<b>69</b>	<b>45</b>	<b>63</b>

**TABLE No. - 4**  
**Egra Sub-Division**

Effects in the different aspects of learning due to impact of attendance upon learning of pupils of Primary schools represented by number of Primary Schools of different circles of Egra Sub-Division involved in the effects.

Block	Circle	1	2	3	4	5	6	7	8	9	10	11	12
		Easy Learning	Systematic Learning	Attention & interest for class lesson	Satisfactory Preparation	Satisfactory Participation	Clear understanding of TLM	Completion of every day lesson	Calm & Quiet Listening	Good examination result	Systematic knowledge	Satisfactory learning rate & Achievement	Satisfaction in staying at class during learning of lesson
Egra-I	Egra North	5	4	5	5	5	4	4	5	5	4	5	4
	Egra West	5	4	5	5	5	4	1	5	5	4	5	4
Egra-II	Egra South	5	4	5	1	5	4	2	5	1	4	2	4
	Egra East	5	4	5	5	5	4	1	5	5	4	5	4
Pataashpur-I	Pataashpur North	4	4	5	5	5	1	1	5	2	4	1	4
	Amarsi	4	4	4	4	5	4	4	5	5	4	5	4
Pataashpur-II	Pataashpur South	5	4	5	2	5	4	1	5	2	4	2	4
	Bhagwanpur	5	5	5	5	5	4	5	5	5	4	5	4
Bhagwanpur-I	Bhagwanpur-I	5	4	5	5	5	4	5	5	5	4	5	4
	<b>Total</b>	<b>43</b>	<b>37</b>	<b>44</b>	<b>37</b>	<b>45</b>	<b>33</b>	<b>24</b>	<b>45</b>	<b>35</b>	<b>36</b>	<b>35</b>	<b>36</b>
		38	40	41	31	35	40	24	32	35	36	32	36
		84	84										
		88	40	88									
		90	41	90									
		68	31	68									
		77	35	77									
		88	40	88									
		54	24	54									
		71	32	71									
		35	78										
		36	80										
		32	72										
		80	80										

**TABLE No. - 5**  
**Haldia Sub-Division**

Effects in the different aspects of learning due to impact of attendance upon learning of pupils of Primary schools represented by number of Primary Schools of different circles of Haldia Sub-Division involved in the effects.

Block	Circle	1	2	3	4	5	6	7	8	9	10	11	12
		Easy Learning	Systematic Learning	Attention & interest for class lesson	Satisfactory Preparation	Satisfactory Participation	Clear understanding of TLM	Completion of every day lesson	Calm & Quiet Listening	Good examination result	Systematic knowledge	Satisfactory learning rate & Achievement	Satisfaction in staying at class during learning of lesson
Mahishadal	Mahishadal East	5	4	5	1	5	1	1	5	1	4	1	5
	Mahishadal North	5	4	5	4	5	4	1	5	5	4	5	5
Sutahata	Sutahata North	5	4	5	4	5	4	4	5	5	4	5	5
	Sutahata South	5	4	5	1	5	2	1	5	1	4	1	5
Nandigram-I	Nandigram East	5	4	5	5	5	4	4	5	5	4	5	5
	Nandigram South	5	4	5	4	5	4	4	5	5	4	5	5
Nandigram-II	Nandigram West	5	4	5	5	5	4	4	5	5	4	5	5
	<b>Total</b>	<b>35</b>	<b>28</b>	<b>35</b>	<b>24</b>	<b>35</b>	<b>23</b>	<b>19</b>	<b>35</b>	<b>27</b>	<b>28</b>	<b>27</b>	<b>35</b>

**TABLE No. - 6**  
Effects of impact of attendance upon learning of pupils of Primary Schools represented Sub-Divisionwise by Percentage of number of Primary Schools of different Sub-Divisions involved in the effects.

District	Sub-Division	1	2	3	4	5	6	7	8	9	10	11	12
Purba Medinipur	Tamluk	100	99	100	64	100	100	36	100	66	94	70	86
	Contai	94	87	96	70	96	94	27	80	81	99	64	90
	Egra	96	82	100	82	100	73	53	100	78	80	78	80
	Haldia	100	80	100	69	100	66	54	100	80	80	77	100

**TABLE No. - 7**  
Effects of impact of attendance upon learning of pupils of Primary Schools of Purba Medinipur District represented by percentage of number of Primary schools of Purba Medinipur District.

District	1	2	3	4	5	6	7	8	9	10	11	12
Purba Medinipur	Easy Learning											
	98%	87%	99%	71%	99%	83%	43%	95%	76%	86%	72%	89%

TABLE No. - 7

Effects of impact of attendance upon learning of pupils of Primary Schools of Purba Medinipur District represented by High Percentage of number of schools of Purba Medinipur District.

District	1	2	3	4	5	6	7	8	9	10	11	12
Purba Medinipur	Good examination result	Easy Learning	Systematic Learning	Attention & interest for class lesson	Satisfactory Preparation	Satisfactory Participation	Clear understanding of TLM	Completion of every day lesson	Calm & Quiet Listening	Systematic Knowledge	Satisfactory learning rate & Achievement	Satisfaction in staying at class during learning of lesson
	79%	89%	92%	94%	67%	89%	90%	56%	81%	89%	72%	85%

TABLE No. - 6

Effects of impact of attendance upon learning of pupils of Primary Schools represented Sub-Divisionwise by Percentage of number of Primary Schools of different Sub-Divisions involved in the effects.

District	Sub-Division	1	2	3	4	5	6	7	8	9	10	11
Purba Medinipur	Tamluk	Good examination result	Easy Learning	Systematic Learning	Attention & interest for class lesson	Satisfactory Preparation	Satisfactory Participation	Clear understanding of TLM	Completion of every day lesson	Calm & Quiet Listening	Systematic knowledge	Satisfactory learning rate & Achievement
		76	88	91	96	64	92	86	53	80	94	70
	Contai	81	90	98	99	65	98	91	56	88	99	74
	Egra	78	84	88	90	68	77	88	54	71	80	72
	Haldia	80	93	90	92	69	88	94	59	84	82	71
	Total	315	355	367	377	266	355	359	222	323	355	287

**TABLE No. - 2**  
**Tamiluk Sub-Division**

Effects in the different aspects of learning due to impact of attendance upon learning of pupils of Primary Schools represented by number of Primary schools of different circles of Tamiluk Sub-Division involved in the effects.

Block	Circle	1	2	3	4	5	6	7	8	9	10	11	12
		Good examination result	Easy Learning	Systematic Learning	Attention & interest for class lesson	Satisfactory Preparation	Satisfactory Participation	Clear understanding of TLM	Completion of every day lesson	Calm & Quiet Listening	Systematic knowledge	Satisfactory learning rate & Achievement	Satisfaction in staying at class during learning of lesson
Panskura-I	Panskura-I	5	5	5	5	5	5	4	2	4	5	5	5
	Panskura South	2	4	4	5	0	4	4	3	4	5	1	5
	Panskura North	2	4	4	5	1	5	5	2	4	5	2	5
Panskura-II (Kolaghat)	Kolaghat	5	4	5	5	5	4	4	5	4	5	5	5
	Kolaghat-I	5	5	5	5	5	5	5	5	4	5	5	4
Tamiluk	Strirampur	3	5	5	5	1	4	5	3	4	5	3	4
	Tamiluk South	5	5	4	4	5	5	4	2	4	5	2	4
Sahid Magangini	Tamiluk North	5	4	5	5	5	4	4	2	4	5	5	4
	Tamiluk Rural	5	5	4	5	5	5	4	3	4	5	5	4
Moyna	Moyna	5	5	5	5	5	5	5	2	4	4	5	4
	Moyna West	2	4	5	4	1	5	4	1	4	4	2	4
Nandakumar	Mahishadal West	5	4	4	5	5	4	4	2	4	5	5	4
	Thekuachak	2	4	5	4	1	4	4	3	4	4	2	4
Nandigram-III	Narghat	2	4	4	5	1	5	4	2	4	4	2	4

**TABLE No. - 3**  
**Contai Sub-Division**

Effects in the different aspects of learning due to impact of attendance upon learning of pupils of Primary schools represented by number of Primary Schools of different circles of Contai Sub-Division involved in the effects.

Block	Circle	1	2	3	4	5	6	7	8	9	10	11	12
		Good examination result	Easy Learning	Systematic Learning	Attention & interest for class lesson	Satisfactory Preparation	Satisfactory Participation	Clear understanding of TLM	Completion of every day lesson	Calm & Quiet Listening	Systematic knowledge	Satisfactory learning rate & Achievement	Satisfaction in staying at class during learning of lesson
Contai-I	Contai West	5	5	5	5	5	5	4	2	4	5	4	5
	Contai-I	5	5	5	5	4	5	4	1	5	5	4	5
Contai-II	Contai New	5	4	5	4	5	5	5	5	4	5	4	5
	Contai East	1	5	5	5	1	5	5	3	3	5	3	5
Contai-III	Contai North	5	4	5	5	4	5	5	2	4	5	4	5
	Contai-III	5	5	5	5	5	5	5	3	4	5	4	5
Ramragar-I	Ramragar	5	5	5	5	2	4	5	3	5	5	3	5
	Digha	1	4	5	5	1	5	4	3	5	5	3	4
Ramragar-II	Pichaboni	5	4	5	5	4	5	4	2	4	5	4	4
Khejuri-I	Khejuri South	4	4	4	5	1	5	4	3	5	5	4	2
	Heria	5	4	5	5	4	5	5	4	4	5	4	4
Khejuri-II	Khejuri	1	4	5	5	1	5	5	3	5	4	3	4
	Mugberia	5	5	5	5	4	5	4	2	5	5	4	5
Bhagwanpur-II	Mugberia-I	5	5	5	5	5	5	5	3	5	5	4	5



**TABLE No. - 4**  
**Egra Sub-Division**

Effects in the different aspects of learning due to impact of attendance upon learning of pupils of Primary schools represented by number of Primary Schools of different circles of Egra Sub-Division involved in the effects.

Block	Circle	1	2	3	4	5	6	7	8	9	10	11	12
		Good examination result	Easy Learning	Systematic Learning	Attention & interest for class lesson	Satisfactory Preparation	Satisfactory Participation	Clear understanding of TLM	Completion of every day lesson	Calm & Quiet Listening	Systematic knowledge	Satisfactory learning rate & Achievement	Satisfaction in staying at class during learning of lesson
Egra-I	Egra North	5	4	4	5	5	4	5	4	4	4	5	4
	Egra West	5	4	4	4	4	3	5	1	4	4	4	4
Egra-II	Egra South	1	4	5	5	1	5	4	2	3	4	2	4
	Egra East	5	5	4	4	3	4	4	1	4	4	5	4
Pataashpur-I	Pataashpur North	2	4	4	5	5	4	5	1	3	4	1	4
	Amarsi	5	4	5	4	4	3	4	4	4	4	4	4
Pataashpur-II	Pataashpur South	2	4	4	5	2	5	4	1	4	4	2	4
	Bhagwanpur	5	4	5	4	3	4	4	5	3	4	4	4
Bhagwanpur-II	Bhagwanpur-I	5	5	5	5	4	3	5	5	3	4	5	4

**TABLE No. - 5**  
**Haldia Sub-Division**

Effects in the different aspects of learning due to impact of attendance upon learning of pupils of Primary schools represented by number of Primary Schools of different circles of Haldia Sub-Division involved in the effects.

Block	Circle	1	2	3	4	5	6	7	8	9	10	11	12
		Good examination result	Easy Learning	Systematic Learning	Attention & interest for class lesson	Satisfactory Preparation	Satisfactory Participation	Clear understanding of TLM	Completion of every day lesson	Calm & Quiet Listening	Systematic knowledge	Satisfactory learning rate & Achievement	Satisfaction in staying at class during learning of lesson
Mahishadal	Mahishadal East	2	4	5	5	1	4	5	1	3	4	1	5
	Mahishadal North	5	5	4	4	4	5	5	2	4	4	4	4
Sutahata	Sutahata North	5	5	5	4	4	5	4	4	5	4	5	4
	Sutahata South	1	5	4	5	1	4	5	1	4	5	1	4
Nandigram-I	Nandigram East	5	4	5	5	5	4	4	4	5	4	5	5
	Nandigram South	5	5	5	4	4	5	5	5	4	4	4	3
Nandigram-II	Nandigram West	5	5	4	5	5	4	5	4	4	4	5	4

**TABLE No. - 6**  
**Sub-Division**  
**Effects in the different aspects of learning due to impact of attendance upon learning of pupils of Primary schools represented by number of Primary Schools of different Sub-Division involved in the effects.**

District	Circle	Dependent Variable		Independent Variables																											
		Good examination result		1			2			3			4			5			6			7			8			9			
		MS	OS	%	MS	OS	%	MS	OS	%	MS	OS	%	MS	OS	%	MS	OS	%	MS	OS	%	MS	OS	%	MS	OS	%			
Purba Medinipur	Tamluk	70	53	76	70	62	88	70	64	91	70	67	96	70	45	64	70	64	92	70	60	86	70	37	53	70	56	80	70	66	94
	Contai	70	57	81	70	63	90	70	69	98	70	69	99	70	46	85	70	69	98	70	64	91	70	39	56	70	62	88	70	69	99
	Egra	45	35	78	45	38	84	45	40	88	45	41	90	45	31	68	45	35	77	45	40	88	45	24	54	45	32	71	45	36	80
	Haldia	35	28	80	35	33	93	35	32	90	35	32	92	35	24	69	35	31	88	35	33	94	35	21	59	35	29	84	35	29	82
<b>Total (as a whole 220 schools)</b>		<b>220</b>	<b>173</b>	<b>79</b>	<b>220</b>	<b>196</b>	<b>89</b>	<b>220</b>	<b>205</b>	<b>93</b>	<b>220</b>	<b>209</b>	<b>95</b>	<b>220</b>	<b>146</b>	<b>66</b>	<b>220</b>	<b>199</b>	<b>90</b>	<b>220</b>	<b>197</b>	<b>90</b>	<b>220</b>	<b>121</b>	<b>85</b>	<b>220</b>	<b>179</b>	<b>81</b>	<b>220</b>	<b>200</b>	<b>91</b>