

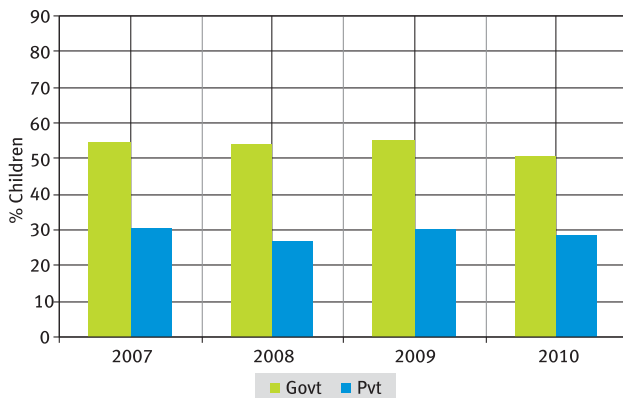
READING IN OWN LANGUAGE

TABLE 4: CLASS WISE % CHILDREN BY READING LEVEL ALL SCHOOLS 2010

Std.	Nothing	Letter	Word	Level 1 (Std 1 Text)	Level 2 (Std 2 Text)	Total
I	18.6	42.4	21.9	8.5	8.5	100
II	5.9	25.6	33.2	16.1	19.2	100
III	3.3	12.8	25.7	26.6	31.5	100
IV	2.0	8.7	15.4	25.4	48.5	100
V	1.5	4.9	9.4	16.8	67.5	100
VI	0.8	3.3	4.9	12.0	79.1	100
VII	0.8	1.4	4.0	8.5	85.3	100
VIII	0.7	2.1	2.9	6.5	87.8	100
TOTAL	4.1	12.6	14.9	15.4	53.0	100

How to read this table: Each cell shows the highest level of reading achieved by a child. For example, in Std III, 3.3% children cannot even read letters, 12.8% can read letters but not more, 25.7% can read words but not Std 1 text or higher, 26.6% can read Std 1 text but not Std 2 level text, and 31.5% can read Std 2 level text. For each class, the total of all these exclusive categories is 100%.

CHART 4: TRENDS OVER TIME % CHILDREN IN Std III WHO CANNOT READ Std I LEVEL TEXT BY SCHOOL TYPE 2007-2010



READING TOOL

पढ़ने की जाँच (4)

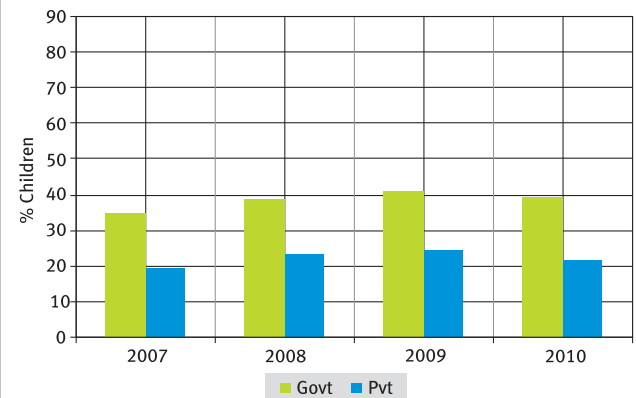
मैं और मेरी बहन रीता छत पर खेल रहे थे। अचानक आसमान में बादल गरजने लगे। बिजली कड़कने लगी। बारिश की बड़ी-बड़ी बूँदें पड़ने लगीं। मैं और रीता भागकर जल्दी से नीचे आ गए। तभी मेरा गरम-गरम पकौड़े और समोसे ले आए। हम सबने नीचे बैठकर समोसे और पकौड़े खाये और बारिश का मज़ा लिया।

नीतू का घर बहुत बड़ा है। घर के बाहर बगीचा है। कई तरह के पौधे हैं। वहाँ बहुत तितलियाँ आती हैं।

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पुन भेरी
खेल
भुखा लोकी
सेब चाल
गिन
पीला कैसा

CHART 5: TRENDS OVER TIME % CHILDREN IN Std V WHO CANNOT READ Std II LEVEL TEXT BY SCHOOL TYPE 2007-2010



TUITION

TABLE 5: CLASS-WISE % CHILDREN ATTENDING PAID TUITION CLASSES BY SCHOOL TYPE 2007, 2009 AND 2010

Year	School	I	II	III	IV	V	VI	VII	VIII
2007	GOVT	5.1	5.2	7.2	7.3	9.6	7.6	6.3	10.6
	PVT	11.0	11.2	14.5	14.0	17.1	16.8	16.3	19.7
2009	GOVT	9.6	11.1	13.7	12.5	15.1	12.4	15.3	19.1
	PVT	17.8	20.6	23.6	27.1	30.3	29.7	24.5	32.4
2010	GOVT	8.0	9.9	8.8	10.3	12.8	12.2	11.9	13.0
	PVT	17.9	17.6	23.3	22.1	25.0	21.7	21.9	25.1

NOTE: In 2007, 2009 and 2010 the ASER survey recorded information about tuition. In all 3 years, the question asked was the following: "Does the child take any paid additional class currently?" Therefore, these numbers do not include any supplemental help in learning that children may have received from parents, siblings or from anyone else who did not require payment.



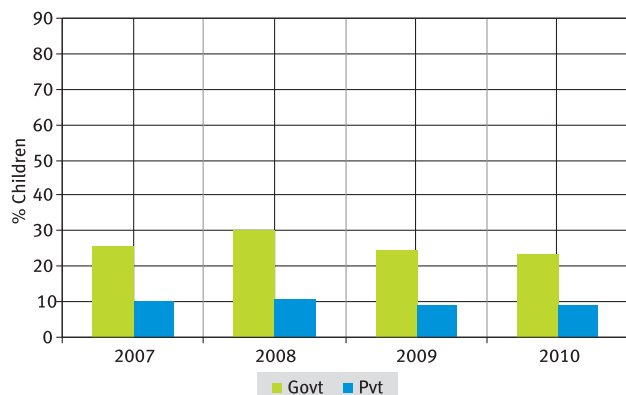
ARITHMETIC

TABLE 6: CLASS-WISE % CHILDREN BY ARITHMETIC LEVEL ALL SCHOOLS 2010

Std.	Nothing	Recognize Numbers		Subtract	Divide	Total
		1-9	11-99			
I	17.4	42.2	25.3	9.3	5.8	100
II	5.5	26.5	36.0	18.9	13.1	100
III	2.5	15.3	29.7	29.8	22.8	100
IV	2.0	8.4	18.6	31.0	40.1	100
V	1.5	4.7	10.6	24.8	58.4	100
VI	0.8	3.7	6.4	17.3	71.8	100
VII	1.0	1.7	5.8	14.1	77.5	100
VIII	0.7	2.5	3.4	10.3	83.1	100
TOTAL	3.8	13.0	17.2	19.9	46.2	100

How to read this table: Each cell shows the highest level of arithmetic achieved by a child. For example, in Std 3, 2.5% children cannot even recognize numbers 1-9, 15.3% can recognize numbers up to 10 but not more, 29.7% can recognize numbers upto 100 but cannot do subtraction, 29.8% can do subtraction but not division, and 22.8% can do division. For each class, the total of all these exclusive categories is 100%.

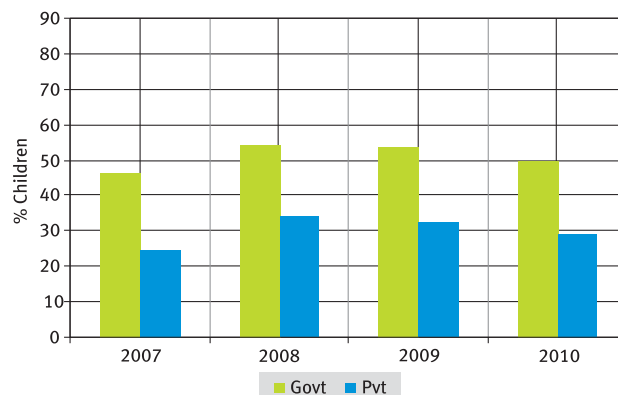
**CHART 6: TRENDS OVER TIME
 % CHILDREN IN Std III WHO CANNOT RECOGNISE NUMBERS UPTO 100 BY SCHOOL TYPE 2007-2010**



MATH TOOL

MATH TEST / परीक्षा			
अंक पाठ्यक्रम 1-9	दशमक पाठ्यक्रम 11-99	गुणा	भाग
5 7	71 24	73 42 -44 -13	5) 893
8 4	92 86	96 61 -48 -35	4) 654
2 9	23 79	43 34 -26 -19	8) 948
3 1	37 61	33 26 -29 -18	6) 753
58 14			

**CHART 7: TRENDS OVER TIME
 % CHILDREN IN Std V WHO CANNOT DO DIVISION BY SCHOOL TYPE 2007-2010**



CRITICAL THINKING AND EVERYDAY CALCULATIONS

TABLE 7: CLASSWISE % CHILDREN IN Std V VIII ABLE TO ANSWER QUESTIONS IN EVERYDAY MATH. ALL SCHOOLS 2010

Std.	Neither	One	Both	Neither	One	Both	Neither	One	Both	Neither	One	Both
	Menu			Calendar			Area			Estimation		
V	22.2	16.9	60.9	35.3	18.5	46.2	52.0	16.0	31.9	48.8	13.6	37.6
VI	15.1	15.2	69.7	26.2	16.3	57.5	40.7	16.2	43.1	35.6	12.7	51.7
VII	11.1	13.2	75.7	19.0	17.1	63.9	31.3	17.9	50.8	29.1	13.3	57.6
VIII	8.9	10.5	80.6	15.1	13.0	71.9	22.8	16.8	60.5	23.9	11.4	64.7

NOTE: Children enrolled in school in Std V and above were given 4 tasks related to everyday calculations. For each task, children were asked two questions.

EVERYDAY MATH TOOL

Menu: A diagram of a menu board with dimensions 1.2m and 1.8m. Questions ask for area and cost.

Calendar: A diagram of a calendar page with dimensions 20cm and 30cm. Questions ask for area and cost.

Area: A diagram of a rectangular field with dimensions 10m and 20m. Questions ask for area and cost.

Estimation: A diagram showing three bottles of different sizes. Questions ask for volume and cost.