Pratham

Std-2 level text

Rani is ten years old. She has a brother. They are getting ready for school. She has taken a bath and combed her hair. Her brother has kept the books in his bag. Their school is far away from the house. Both of them walk to school every day.

Almost all Indian children are enrolled in school. Come let us ensure that they all learn well.

Std-2 level math

$$\begin{array}{r} 5\,1 \\ -\;3\,5 \\ \hline \end{array}$$

$$\begin{array}{r} 8\,4 \\ -\;4\,9 \\ \hline \end{array}$$

Table of contents

Children are going to school but can they read or do basic arithmetic?

Children are in school

Across India over 96% of children in India are enrolled in school.*

But basic learning is an issue...

Figures for India show that about half of Std 5 students cannot read a simple story and solve a simple subtraction sum.*

Reading and basic arithmetic are fundamental building blocks of learning. Without these children cannot make progress in school

How our children are doing?

Let us help children learn well.
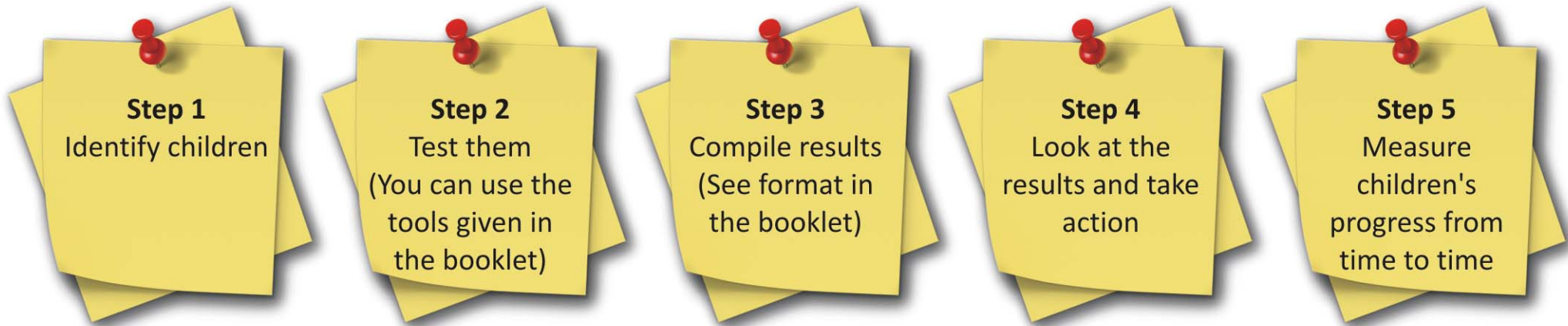
*The figures mentioned on this page are from ASER 2014.
The Annual Status of Education Report(ASER), a nationwide survey to assess the learning levels of children, is conducted every year in all rural districts of the country. It generates reliable estimates of children's learning levels in basic reading and arithmetic for rural districts and for states.
For more information please contact: ASER centre B4/54, Safdarjung Enclave, New Delhi- 110029 Tel: 011- 26716084

Can your children read a simple story and do simple subtraction?
You can find out yourself!

This booklet can be used by parents, teachers and anyone who is interested in knowing and improving basic learning levels of their children.

Here's how

Step 1
Identify children

Step 2
Test them
(You can use the tools given in the booklet)

Step 3
Compile results
(See format in the booklet)

Step 4
Look at the results and take action

Step 5
Measure children's progress from time to time

- Once the report card is made, you can use the results to discuss what to do and planned how to help children learn.

- This booklet contains formats for children in Std I-V. If you want to test children in higher classes then you can use similar recordings sheets and formats.

- These are the tools used in the ASER survey across the country. Such tools are available in all major Indian languages.

Letter

m   t   z

    f   k

i   a   r

    v   p

Ask child to read out all the letters given in the box. Child must get at least 5 letters correct.

Word

both   step

       cup

out   rope

       dog

hat   key

Ask child to read out all the words given in the box. Child must get at least 5 words correct.

Story

A big tree stood in a garden. It was alone and lonely. One day a bird came and sat on it. The bird held a seed in its beak. It dropped the seed near the tree. A small plant grew there. Soon there were many more trees. The big tree was happy.

Ask the child to read the story given in the box. Child must read this story fluently and without mistakes.

Para

There is a big monkey.

He lives on a tree.

He likes to jump.

He also likes bananas.

Ask the child to read the paragraph given in the box. If child reads paragraph correctly, then move to story level.

Ask the child to read this tool. Mark the child at the highest level he/she can reach.

MATH TEST SAMPLE (1)

Number recognition 1—9	Number recognition 10—99	Subtraction 2 digit with borrowing	Division 3 digit by 1 digit
3　　7	65　　38	51　　　67 - 35　　- 48	7)918
1　　4	92　　23	84　　　73 - 49　　- 36	6)769
8　　9	47　　72	56　　　31 - 37　　- 13	8)987
5　　2	56　　87	45　　　43 -18　　- 24	4)513
	29　　11		

Ask the child to recognise any 5 numbers. Atleast 4 must be correct.

Ask the child to recognise any 5 numbers. Atleast 4 must be correct.

Ask the child to do any 2 subtraction problems. Both must be correct.

Ask the child to do any 1 division problem. It must be correct.

ASER READING TEST SAMPLE

Letter

e   w   x

a   y

n   d   u

c   p

Ask child to read out all the letters given in the box. Child must get at least 5 letters correct.

Word

here   tall

for

sky   are

mind

shop   bed

Ask child to read out all the words given in the box. Child must get at least 5 words correct.

Story

Rani is ten years old. She has a brother. They are getting ready for school. She has taken a bath and combed her hair. Her brother has kept the books in his bag. Their school is far away from the house. Both of them walk to school every day.

Ask the child to read the story given in the box. Child must read this story fluently and without mistakes.

Para

My village is very big.

It has many houses.

It also has a shop.

The bus stops in my village.

Ask the child to read the paragraph given in the box. If child reads paragraph correctly, then move to story level.

Ask the child to read this tool. Mark the child at the highest level he/she can reach.

MATH TEST SAMPLE (2)

Number recognition 1—9	Number recognition 10—99	Subtraction 2 digit with borrowing	Division 3 digit by 1 digit

Number recognition 1—9

2	7
3	5
9	8
4	1

Number recognition 10—99

76	58
69	99
34	61
46	84
25	68

Subtraction 2 digit with borrowing

$$74 - 56$$
$$63 - 34$$

$$47 - 29$$
$$84 - 35$$

$$41 - 15$$
$$32 - 15$$

$$36 - 18$$
$$68 - 49$$

Division 3 digit by 1 digit

$$8 \overline{)993}$$

$$6 \overline{)758}$$

$$7 \overline{)865}$$

$$4 \overline{)658}$$

Ask the child to recognise any 5 numbers. Atleast 4 must be correct.	Ask the child to recognise any 5 numbers. Atleast 4 must be correct.	Ask the child to do any 2 subtraction problems. Both must be correct.	Ask the child to do any 1 division problem. It must be correct.

ASER READING TEST SAMPLE

Letter

b s y

k m

n r h

t x

Ask child to read out all the letters given in the box. Child must get at least 5 letters correct.

Word

ring sun

ball

run fox

clap

foot pan

Ask child to read out all the words given in the box. Child must get at least 5 words correct.

Para

Today is a cloudy day.

There are birds in the sky.

We all are playing.

We are very happy.

Ask the child to read the paragraph given in the box. If child reads paragraph correctly, then move to story level.

Story

I love my village. We go there during holidays. My uncle and aunt live there. My aunt is very nice. She tells me stories and gives me sweets. My uncle is a farmer. He takes me to his farm. There is a pond near the farm. I love to swim in the pond.

Ask the child to read the story given in the box. Child must read this story fluently and without mistakes.

Ask the child to read this tool. Mark the child at the highest level he/she can reach.

MATH TEST SAMPLE (3)

Number recognition 1—9	Number recognition 10—99	Subtraction 2 digit with borrowing	Division 3 digit by 1 digit

Number recognition 1—9

1	4
7	3
6	9
5	2

Number recognition 10—99

52	83
37	27
55	28
91	65
36	43

Subtraction 2 digit with borrowing

```
  56        64
- 29      - 39
_____    _____

  43        45
- 28      - 17
_____    _____

  93        75
- 76      - 57
_____    _____

  52        66
- 15      - 49
_____    _____
```

Division 3 digit by 1 digit

8) 979

6) 823

7) 975

4) 513

ASER READING TEST SAMPLE

Letter

e   d   w

s   c

g   h   z

i   q

Ask child to read out all the letters given in the box. Child must get at least 5 letters correct.

Word

hand   star

bus

cat   book

day

few   old

Ask child to read out all the words given in the box. Child must get at least 5 words correct.

Story

Seema is a little girl. Her mother gave her a book. It had lots of stories and nice pictures. Seema reads it every morning on her way to school. She learned many words. Her teacher was very happy. The teacher gave Seema another book. It had more stories. She showed it to all her friends.

Ask the child to read the story given in the box. Child must read this story fluently and without mistakes.

Para

I go to school by bus.

The bus has four wheels.

It has many windows.

It is blue in colour.

Ask the child to read the paragraph given in the box. If child reads paragraph correctly, then move to story level.

Ask the child to read this tool. Mark the child at the highest level he/she can reach.

MATH TEST SAMPLE (4)

Number recognition 1—9	Number recognition 10—99	Subtraction 2 digit with borrowing	Division 3 digit by 1 digit
5 7	71 24	63 41	7)898
8 4	92 86	− 44 − 13	4)659
2 9	23 79	92 71	8)946
3 1	37 61	− 48 − 35	6)757
	58 14	45 34	
		− 26 − 18	
		43 46	
		−29 − 17	

Sample of a Compilation Sheet

Record the result of each child in the compilation sheet. The below picture is the sample of a filled compilation sheet. It explains how to fill children's information in the sheet. Mark the child at the highest level he/she is able to achieve in reading and math.

Whether testing happens in the village or in school, you can use separate formats for each class.

							Std 3									
	Village name Dogri							**Reading level** Tick the highest level					**Math level** Tick the highest level			
Sl. No.	Name of Child	Type of schools (Govt/Pvt)	Name of school	Age	Sex		Beginner	Letter	Word	Paragraph	Story	Beginner	No. Recognition (1-9)	No. Recognition (10-99)	Subtraction	Division
					Boy	Girl										
1	Ramu	Govt	Prim school-Rampur	7	✓		✓					✓				
2	Shyam	Govt	Prim school- Rampur	8	✓		✓						✓			
3	Reena	Govt	Prim school-Rampur	8		✓		✓					✓			
4	Mukesh	Govt	Prim school- Rampur	9	✓				✓					✓		
5	Mohan	Pvt	Adarsh Vidyalaya	7	✓		✓						✓			
6	Manoj	Pvt	Adarsh Vidyalaya	8	✓				✓					✓		
7	Meena	Govt	Prim school - Rampur	9		✓			✓					✓		
8	Rajesh	Govt	Prim school- Rampur	10	✓				✓					✓		
9	Beena	Govt	Prim school-Rampur	8		✓	✓						✓			
10	Bano	Pvt	Adarsh Vidyalaya	8		✓		✓					✓			
11	Isha	Govt	Prim school Rampur	10		✓		✓					✓			
12	Ankita	Govt	Prim shool Rampur	11		✓		✓				✓				
13	Mohit	Govt	Prim school Rampur	8	✓				✓					✓		
14	Rahul	Govt	Prim shool Rampur	7	✓		✓					✓				
	Total				8	6	5	4	5			3	6	5		

Note : There are 5 levels each, for Reading and Mathematics. Mark the child at the highest level he/she is able to achieve for both categories.

Compilation Sheet Format

Std: [ ]

					Sex		Reading level — Tick the highest level					Math level — Tick the highest level				
Sl. No.	Name of Child	Type of school (Govt/Pvt)	Name of school	Age	Boy	Girl	Beginner	Letter	Word	Paragraph	Story	Beginner	No. Recognition (1-9)	No. Recognition (10-99)	Subtraction	Division
Total																

Village name is noted at the top of the Name column.

Note : The Reading and Math test each have 5 levels. Mark the child at the highest level he/she is able to achieve for both categories.

Compilation Sheet Format

Std: [ ]

Sl. No.	Name of Child	Type of school (Govt/Pvt)	Name of school	Age	Sex		Reading level — Tick the highest level					Math level — Tick the highest level				
	Village name				Boy	Girl	Beginner	Letter	Word	Paragraph	Story	Beginner	No. Recognition (1-9)	No. Recognition (10-99)	Subtraction	Division
Total																

Note : The Reading and Math test each have 5 levels. Mark the child at the highest level he/she is able to achieve for both categories.

Compilation Sheet Format

Std:

Sl. No.	Name of Child	Type of school (Govt/Pvt)	Name of school	Age	Sex		Reading level Tick the highest level					Math level Tick the highest level				
					Boy	Girl	Beginner	Letter	Word	Paragraph	Story	Beginner	No. Recognition (1-9)	No. Recognition (10-99)	Subtraction	Division
Total																

Village name

Note : The Reading and Math test each have 5 levels. Mark the child at the highest level he/she is able to achieve for both categories.

Compilation Sheet Format

Std: [ ]

Sl. No.	Name of Child	Type of school (Govt/Pvt)	Name of school	Age	Sex		Reading level — Tick the highest level					Math level — Tick the highest level				
					Boy	Girl	Beginner	Letter	Word	Paragraph	Story	Beginner	No. Recognition (1-9)	No. Recognition (10-99)	Subtraction	Division
Total																

Note : The Reading and Math test each have 5 levels. Mark the child at the highest level he/she is able to achieve for both categories.

Compilation Sheet Format

Std:

Sl. No.	Name of Child	Type of school (Govt/Pvt)	Name of school	Age	Sex		Reading level — Tick the highest level					Math level — Tick the highest level				
					Boy	Girl	Beginner	Letter	Word	Paragraph	Story	Beginner	No. Recognition (1-9)	No. Recognition (10-99)	Subtraction	Division
Total																

Village name

Note : The Reading and Math test each have 5 levels. Mark the child at the highest level he/she is able to achieve for both categories.

Compilation sheet format for children currently not enrolled in school

								Reading level					Math level				
								Tick the highest level					Tick the highest level				
SI. No.	Name of Child	Age	Sex		Never enrolled or drop out	Drop out of school from which class		Beginner	Letter	Word	Paragraph	Story	Beginner	No. Recognition (1-9)	No. Recognition (10-99)	Subtraction	Division
			Boy	Girl													
Total																	

Village name

Not-enrolled children

Note : The Reading and Math test each have 5 levels. Mark the child at the highest level he/she is able to achieve for both categories.

Sample of a Report Card

Now that you have recorded results in separate compilation sheets for each class, you can fill in the total tested children at each level in a report card.

This can be used for classes, for a school or for a community.

Reading Level						
Village name – Dogri			District name - Kishanganj			
Class	Total number of tested children	Beginner	Letter	Word	Paragraph	Story
Std-I	10	3	3	4	0	0
Std-II	10	3	2	4	1	0
Std-III	10	1	1	2	3	3
Std-IV	10	1	1	2	2	4
Std-V	10	0	1	1	3	5
Not enrolled children	10	7	1	2	0	0
Total	60	15	9	15	9	12

Math Level						
Village name – Dogri			District name - Kishanganj			
Class	Total number of tested children	Beginner	Number Recognition (1-9)	Number Recognition (10-99)	Subtraction	Division
Std-I	10	4	6	0	0	0
Std-II	10	3	2	3	2	0
Std-III	10	1	2	4	3	0
Std-IV	10	1	1	2	4	2
Std-V	10	0	2	3	2	3
Not enrolled children	10	5	4	1	0	0
Total	60	14	17	13	11	5

Each child is marked at the highest level that he or she can do.

Now make your report card

Reading Level							
Village name –				District name -			
Class	Total number of tested children	Beginner	Letter	Word	Paragraph (Std I level text)	Story (Std II level text)	
Std-I							
Std-II							
Std-III							
Std-IV							
Std-V							
Not enrolled children							
Total							

Math Level						
Village name –			District name -			
Class	Total number of tested children	Beginner	Number Recognition (1-9)	Number Recognition (10-99)	Subtraction	Division
Std-I						
Std-II						
Std-III						
Std-IV						
Std-V						
Not enrolled children						
Total						

Note: Use this format to make a report card for each class or see the grand total of all classes. You can make one or more such sheets for each school.

How to Analyze the Report Card

Look at the Std II children. Only 4 can read words and 5 can recognize numbers. We must ensure that by the time children finish Std II they can at least read simple sentences (para) and be confident about numbers till 100. This will ensure that they can make good progress in subsequent grades.

Look at the Std V numbers for reading and math. Take the example of reading (patterns in maths are similar):

Only 5 out of 10 children can read the story (Std II level text). We must help all the others to get to this level quickly

Those children who cannot read at story level, are at different levels:

- 3 can read simple sentences. They simply need practice to get to story level
- 1 can read words not sentences.
- 1 cannot even read words.

Reading Level						
Class	Total number of tested children	Beginner	Letter	Word	Paragraph	Story
Std-I	10	3	3	4	0	0
Std-II	10	3	2	4	1	0
Std-III	10	1	1	2	3	3
Std-IV	10	1	1	2	2	4
Std-V	10	0	1	1	3	5
Not enrolled children	10	7	1	2	0	0
Total	**60**	**15**	**9**	**15**	**9**	**12**

Math Level						
Class	Total number of tested children	Beginner	No. Recognition (1-9)	No. Recognition (10-99)	Subtraction	Division
Std-I	10	4	6	0	0	0
Std-II	10	3	2	3	2	0
Std-III	10	1	2	4	3	0
Std-IV	10	1	1	2	4	2
Std-V	10	0	2	3	2	3
Not enrolled children	10	5	4	1	0	0
Total	**60**	**14**	**17**	**13**	**11**	**5**

Now if you look at children in Std III, IV and V together, you will see that overall we have 5 children who are either able to read letters or not at all, another 5 who can read words but not more, and 8 children who can read "paras". These children can be grouped into 3 separate groups and taught accordingly.

With these children we need to start from where they are. Use appropriate methods and materials to help them progress to the next stage and then to the next one. Trying to teach them grade level content or from the textbook of their class is not useful because they can not read as yet. Until children do not have basic skills of reading and arithmetic, they cannot progress. One way to teach these children is to group them by levels instead of by grades.

What can teachers do?
Time to take some action!

1 Identify a group of children in a school or in the community. (They can be children from Std 3, 4 and 5.)
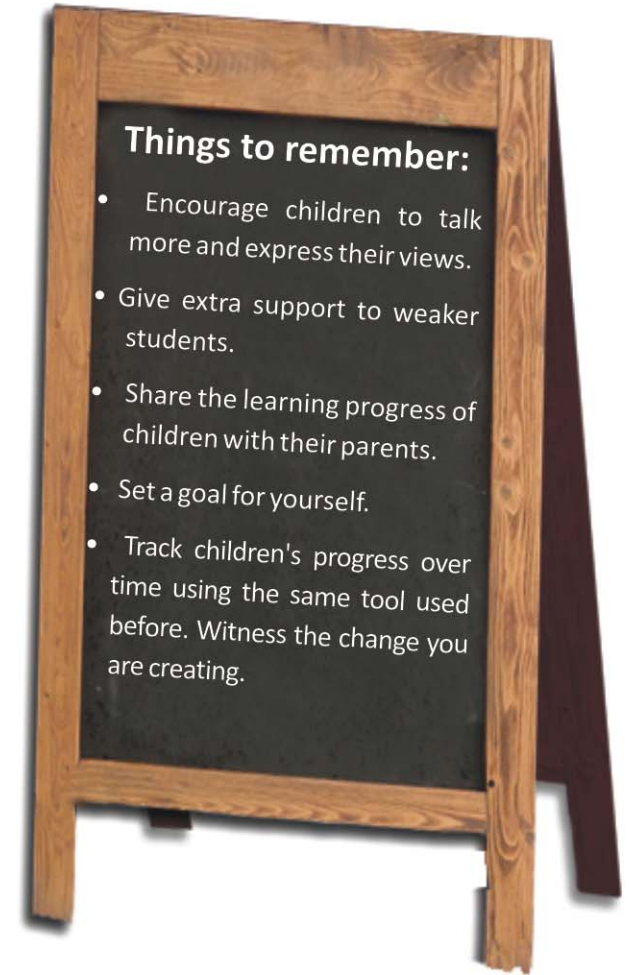
2 Find out if they can read and do basic arithmetic. You can use the ASER tool.

3 Group children by their learning level. Teach them using methods and materials for that level. Try to ensure that they can at least read at Std 2 level and do basic arithmetic.

4 We hope that with extra efforts and encouragement in a few months these children will be reading and doing basic arithmetic.
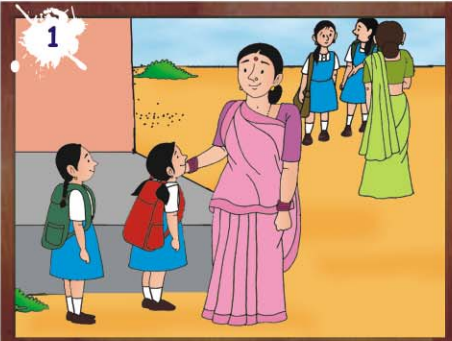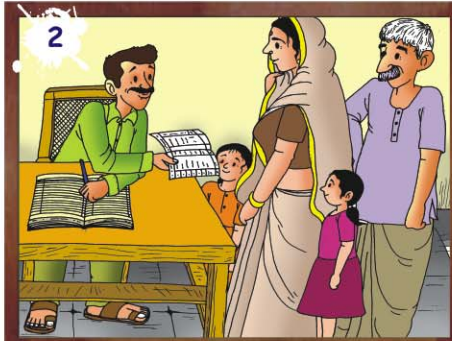
Things to remember:

- Encourage children to talk more and express their views.
- Give extra support to weaker students.
- Share the learning progress of children with their parents.
- Set a goal for yourself.
- Track children's progress over time using the same tool used before. Witness the change you are creating.

Take responsibility for ensuring that children gain basic skills in reading and math. Without a strong foundation, children will not be able to move ahead in school.
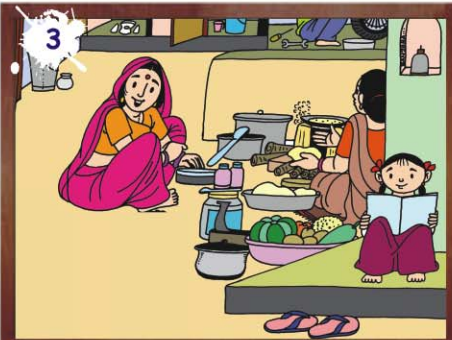
What can parents do to improve the children's learning?

1. Send your children to school regularly.

2. Visit the school from time to time. Talk to the teachers about how your child is doing. Ask what you can do to help at home.

3. Ask your child what she did in school. Ensure that she studies at home regularly.

4. Sit with your child when she does her homework.

What can the community do to improve the children's learning?

1. Talk to the parents of children not going to school and encourage them to send their children to school regularly.

2. Build awareness on learning levels by frequently speaking to parents. Show them how to use the tool also.

3. Organize frequent education related activities for children, like drawing competitions and science fairs, where the whole community can take part.

4. Volunteer to teach children who need extra support.