# THE YOUNG LIVES STUDY



# COGNITIVE DEVELOPMENT AND ACHIEVEMENT QUESTIONNAIRE 8 YEAR OLD, INDIA

INSERT	CHILD ID	IN	(CHILDID)
Date when this section is filled		Day: []	(DOPIR3)
		Month : [ ]	(MOPIR3)
Time wh	en this section is started	Year:	(YOPIR3)
Fieldwo	rker's name:		
	RKER: Fill out 1.1 <b>before</b> you administer the tests.		
1.1	Does the child have a severe visual impairment? VSIMPR3		
	00=No 01=Yes		
	(If the answer is Yes, only administer EGRA-section C. Listening Comath items 7, 8 and 9)	mprehension and	[ ]

# PEABODY PICTURE VOCABULARY TEST (PPVT)

**FIELDWORKER:** It is very important to assure adequate conditions for the assessment. You should look for a place with adequate lighting (natural or artificial), relative absence of noise and a flat surface for the child to work on. If these conditions are not available, try to look for other space or reschedule if possible.

**FIELDWORKER:** Use the PPVT picture easel here. Be sure to read the training items with the child and make sure the child understands what needs to be done before starting the test.

All instructions for introducing the PPVT and using the Training Items are located on the examiner's manual. Use Training Items C and D (designed for children 8 years and older).

	FIELDWORKER: TRAINING ITEMS					
Plate	Series 1	Series 2	Series 3	Series 4		
	For most subjects under age 8 years		(If necessary)			
Α	ball (2)	dog (4)	banana (3)	Spon (1)		
В	crying (4)	sleeping (1)	crawling (3)	walking (2)		
	For most subjects age 8 years and over		(If necessary)			
С	parrot (2)	scissors (1)	flower (3)	ope (4)		
D	mowing (3)	riding (2)	mopping (1)	computing (2)		

**FIELDWORKER**: After you have administered the appropriate Training Items, begin testing using the Set of Test Items corresponding to the test taker's age. Once you begin a set, always administer all 12 items in that set in order, and always start with the first item in the set.

Use numerals (1-4) to record the test taker's response to each item in the blank in the "Resp" column. The "Key" column indicates the correct response (1-4). Compare the child's response with the correct response and indicate errors by drawing a line through the E in the last column as shown below:

Item	Word	Key	Resp	Error
1	Bus	(4)		Е

At the end of each set, record the number of errors in the box provided.

**FIELDWORKER**: Please complete questions 1.2 and 1.3 **after** administering the PPVT with the child. (These items will aid the database entry process.)

1.2	Lowest item responded to	
	(possible values: from 0 to 204, -79 Refused to answer, -88=NA)	[]
1.3	Highest item responded to	

# **PPVT Administration:**

1.4	Test administration: Start Time (hour) (possible values: 07 to 17)	Hours: []
1.5	Test administration: Start Time (minutes) (possible values: 00 to 59)	Minutes: [ ]

START	Ages 2.5 – 3	3	SET 1	
Item	Word	Key	Resp	Error
1	Bus	(4)		Е
2	Drinking	(3)		Е
3	Hand	(1)		Е
4	Climbing	(1)		E
5	Key	(4)		E
6	Reading	(1)		Е
7	Closet	(2)		Е
8	Jumping	(3)		Е
9	Lamp	(4)		E
10	Helicopter	(2)		E
11	Smelling	(2)		E
12	Fly	(3)		Е
		No.	of Errors	

START Age 4 SET 2			T 2	
Item	Word	Key	Resp	Error
13	Digging	(2)		E
14	Cow	(1)		E
15	Drum	(3)		Е
16	Feather	(1)		Е
17	Painting	(3)		Е
18	Cage	(2)		Е
19	Knee	(1)		Е
20	Wrapping	(4)		Е
21	Fence	(3)		Е
22	Elbow	(4)		Е
23	Garbage	(2)		Е
24	Exercising	(4)	_	E
No. of Errors				

STAF	START Age 5 S			
Item	Word	Key	Resp	Error
25	Empty	(1)		Е
26	Shoulder	(3)		Е
27	Square	(4)		Е
28	Measuring	(4)		Е
29	Porcupine	(1)		Е
30	Arrow	(2)		Е
31	Peeling	(3)		Е
32	Fountain	(2)		Е
33	Accident	(2)		Е
34	Penguin	(1)		Е
35	Decorated	(4)		E
36	Nest	(3)		Е
No. of Errors				

	SET				
Item	Word	Key	Resp	Error	
37	Castle	(2)		Е	
38	Sawing	(4)		Е	
39	Cactus	(3)		Е	
40	Farm	(1)		Е	
41	Going	(2)		Е	
42	Harp	(1)		Е	
43	Astronaut	(3)		Е	
44	Raccoon	(4)		Е	
45	Juggling	(4)		Е	
46	Envelope	(2)		Е	
47	Tearing	(3)		Е	
48	Claw	(1)		Е	
	No. of Errors				

STAR	START Ages 6-7 SE				
Item	Word	Key	Resp	Error	
49	Parachute	(3)		Е	
50	Delivering	(1)		Е	
51	Rectangle	(1)		Е	
52	Diving	(2)		Е	
53	Camper	(4)		Е	
54	Target	(2)		Е	
55	Writing	(1)		Е	
56	Furry	(4)		Е	
57	Drilling	(2)		Е	
58	Hook	(3)		Е	
59	Group	(3)		Е	
60	Dripping	(4)		Е	
No. of Errors					

	SET 6			
Item	Word	Key	Resp	Error
61	Vehicle	(4)		Е
62	Oval	(1)		Е
63	Luggage	(2)		Е
64	Awarding	(3)		Е
65	Hydrant	(4)		Е
66	Swamp	(3)		Е
67	Calculator	(2)		Е
68	Signal	(1)		Е
69	Squash	(4)		Е
70	Globe	(2)		Е
71	Vegetable	(3)		Е
72	Frame	(1)		Е
No. of Errors				_

	7			
Item	Word	Key	Resp	Error
73	Gigantic	(2)		Е
74	Nostril	(4)		Е
75	Vase	(3)		Е
76	Knight	(1)		Е
77	Towing	(1)		Ш
78	Horrified	(3)		Е
79	Trunk	(2)		Е
80	Selecting	(1)		Е
81	Island	(2)		Е
82	Camcorder	(4)		Е
83	Heart	(3)		Е
84	Wrench	(4)		Е

STAR	START Ages 10-11 SET			Г8
Item	Word	Key	Resp	Error
85	Flamingo	(2)		Е
86	Tambourine	(4)		Е
87	Palm	(1)		Е
88	Surprised	(4)		Ш
89	Canoe	(3)		Е
90	Interviewing	(1)		Е
91	Clarinet	(4)		Е
92	Exhausted	(2)		Е
93	Pitcher	(3)		Е
94	Reptile	(2)		Е
95	Polluting	(3)		Е
96	Vine	(1)		Е
	I	No. of E	Frrors	

	SET 9				
Item	Word	Key	Resp	Error	
97	Pedal	(2)		Е	
98	Dissecting	(2)		Е	
99	Bouquet	(4)		Е	
100	Rodent	(3)		Е	
101	Inhaling	(4)		Е	
102	Valley	(1)		Е	
103	Tubular	(3)		Е	
104	Demolishing	(4)		Е	
105	Tusk	(1)		Е	
106	Adjustable	(2)		E	
107	Fern	(1)		Е	
108	Hurdling	(3)		Е	
		No. of	Errors		

STAR	START Ages 12-16		SET	10
Item	Word	Key	Resp	Error
109	Solo	(4)		Е
110	Citrus	(2)		Е
111	Inflated	(3)		Е
112	Lecturing	(3)		Е
113	Timer	(1)		Е
114	Injecting	(1)		Е
115	Links	(4)		Е
116	Cooperating	(2)		Е
117	Microscope	(1)		Е
118	Archery	(2)		Е
119	Garment	(4)		Е
120	Fragile	(3)		Е
No. of Errors				

	SET 11				
Item	Word	Key	Resp	Error	
121	Carpenter	(2)		Е	
122	Dilapidated	(4)		Е	
123	Hazardous	(3)		Е	
124	Adapter	(2)		Ш	
125	Valve	(3)		Е	
126	Isolation	(1)		Ш	
127	Feline	(2)		Е	
128	Wailing	(1)		Ш	
129	Coast	(4)		Е	
130	Appliance	(1)		E	
131	Foundation	(4)		Е	
132	Hatchet	(3)		Е	
		No. of	Errors		

	SET 12			
Item	Word	Key	Resp	Error
133	Blazing	(3)		Е
134	Mammal	(2)		Е
135	Reprimanding	(1)		Е
136	Upholstery	(4)		Е
137	Hoisting	(1)		E
138	Exterior	(1)		Е
139	Consuming	(4)		Е
140	Pastry	(4)		Е
141	Cornea	(2)		Е
142	Constrained	(3)		Е
143	Pedestrian	(2)		Е
144	Colt	(3)		Е
No. of Errors				

STAR	START Ages 17 - Adult SET 1			3
Item	Word	Key	Resp	Error
145	Syringe	(4)		E
146	Transparent	(3)		Е
147	Ladle	(2)		Е
148	Replenishing	(3)		E
149	Abrasive	(1)		Е
150	Parallelogram	(3)		Е
151	Cascade	(4)		Е
152	Lever	(1)		E
153	Detonation	(2)		E
154	Pillar	(2)		Е
155	Cultivating	(1)		Е
156	Aquatic	(4)		E
		No. c	f Errors	

			SET 14	4
Item	Word	Key	Resp	Error
157	Indigent	(2)		E
158	Oasis	(1)		Е
159	Disappointed	(4)		Е
160	Perpendicular	(3)		Е
161	Poultry	(4)		Е
162	Confiding	(1)		Е
163	Periodical	(2)		Е
164	Filtration	(1)		Е
165	Primate	(4)		Е
166	Spherical	(2)		Е
167	Talon	(3)		Е
168	Octagon	(3)		Е
		No. of	Errors	

			SET 1	5
Item	Word	Key	Resp	Error
169	Incandescent	(4)		Е
170	Pilfering	(2)		Е
171	Trajectory	(1)		Е
172	Mercantile	(3)		Е
173	Derrick	(4)		E
174	Ascending	(2)		E
175	Monetary	(3)		Е
176	Entomologist	(2)		Е
177	Gaff	(1)		Е
178	Quintet	(3)		Е
179	Nautical	(4)		Е
180	Incarcerating	(1)		Е
	No. of Errors			

	SET 16			
Item	Word	Key	Resp	Error
181	Coniferous	(4)		Е
182	Wildebeest	(1)		Е
183	Caster	(3)		Е
184	Reposing	(4)		Е
185	Convex	(1)		Е
186	Gourmand	(3)		Е
187	Dromedary	(2)		Е
188	Diverging	(4)		Е
189	Incertitude	(2)		Е
190	Quiescent	(3)		Е
191	Honing	(1)		Е
192	Cupola	(2)		Е
	No. of Errors			

			SET 1	7
Item	Word	Key	Resp	Error
193	Embossed	(4)		Е
194	Perambulating	(2)		Е
195	Arable	(3)		Е
196	Importunity	(1)		Е
197	Cenotaph	(1)		Е
198	Tonsorial	(4)		Е
199	Nidificating	(3)		Е
200	Terpsichorean	(1)		Е
201	Cairn	(4)		Е
202	Osculating	(2)		Е
203	Vitreous	(3)		Е
204	Lugubrious	(2)		Е
		No. of	f Errors	

1.6	Test administration: Finish Time (hour) (possible values: 07 to 18)	Hours: []
1.7	Test administration: Finish Time (minutes) (possible values: 00 to 59)	Minutes: [ ]

**FIELDWORKER**: Fill out 1.8 to 1.10 **after** you have finished all tests with the child and without the child present.

1.8	Ceiling item (possible values: from 1 to 204, -79=Refused to answer, -88=NA)	[]
1.9	Minus errors (possible values: from 0 to 100, -79=refused to answer, -88=NA)	[]
1.10	Raw score (possible values: from 0 to 204, -79=refused to answer, -88=NA)	[]

**Note**: Field workers should **not** complete the standard scores. The standard scores will be calculated centrally by a few people (preferably psychologists with experience in using the PPVT) who will: a) check that the chronological age, ceiling item, number of errors and raw score are correct, and b) estimate and enter the standard score based on the tables provided in the manual.

ables provided in the manual.					
1.11	Standard score (possible values: 40 to 160, -79=refused to answer, -88=NA)				
	(DON'T FILL ON FIELD)	[]			

FIELDWORKER: Fill out 1.12 to 1.14 after you have finished the test with the child and she/he is no longer there.

1.13	Language used by child during administration.	
	(ENTER FROM CODE BOX #1) (if 07 then specify below)	
	Other, specify:	[]
1.14		
	Language in which the test was written.	
	Language in Which the test was written.	
	(ENTER FROM CODE BOX #1) (if 07 then specify below)	
		[]

	CODE BO	OX1-LANGUAGES	2), 1),
01= Telugu 05=Kannada	02=English 06=Oriya	03=Urdu 07=Other	04=Hindi 77=NK
88=N/A	00=Опуа	07=Otriel	//=IVN

# **READING AND WRITING ITEMS**

**FIELDWORKER:** It is very important to assure adequate conditions for the assessment. You should look for a place with adequate lighting (natural or artificial), relative absence of noise and a flat surface for the child to write. If these conditions are not available, try to look for other space or reschedule if possible.

**FIELDWORKER:** Use the literacy card here. Administer the items on reading and writing with the literacy card and fill out the items below. For writing item, hand the child the Cognitive Development and Achievement Questionnaire opened on the **Answer sheet** page. The child must write the sentence in this answer sheet.

1.15	Test administration: Start Time (hour) (possible values: 07 to 17)	Hours: []
1.16	Test administration: Start Time (minutes) (possible values: 00 to 59)	Minutes: [ ]
1.17	Reading Item. 01=Can't read anything, 02=Reads letters, 03=Reads word, 04=Reads sentence 77=NK, 79=refused to answer, 88=NA	[]
1.18	Writing Item. 01=No, 02=Yes with difficulty or errors, 03=Yes without difficulty or errors 79=refused to answer, 88=NA, 77=NK	[]
1.19	Test administration: Finish Time (hour) (possible values: 07 to 18)	Hours: []
1.20	Test administration: Finish Time (minutes) (possible values: 00 to 59)	Minutes: [ ]

# Answer sheet for 1.51 writing

IF THE CHILD MAKES A MISTAKE AND WANTS TO START AGAIN TELL THEM TO CROSS OUT WHAT
THEY HAVE WRITTEN AND START AGAIN ON THE NEXT LINE

# ADAPTATION OF EARLY GRADE READING ASSESMENT (EGRA)

**FIELDWORKER:** It is very important to assure adequate conditions for the assessment. You should look for a place with adequate lighting (natural or artificial), relative absence of noise and a flat surface for the child to work on. If these conditions are not available, try to look for other space or reschedule if possible.

**FIELDWORKER:** Use the EGRA stimuli cards and your Fieldworker's manual for this part. Be sure to read the instructions to the child and make sure the child understands what needs to be done. All instructions for administering EGRA are located on your fieldworker's manual. Fill the answers and codes in the given spaces.

1.21	Test administration: Start Time (hour) (possible values: 07 to 17)	Hours: []
1.22	Test administration: Start Time (minutes) (possible values: 00 to 59)	Minutes: [ ]

#### Section A. Familiar Word Identification

**FIELDWORKER:** Show the child card 1 of the EGRA stimuli cards. Read the instructions in your manual and practice the examples with the child. Ask the child to start reading the words and mark each incorrect word with a slash mark ( / ). Count self-corrections as correct. This is a **timed exercise**. When 60 seconds have gone by stop the child and **mark the final word attempted before you said "stop" with a bracket (])**. If the child cannot read any of the examples correctly, discontinue this section and go directly to section C: Listening comprehension.

	Examples:	cat	he	ball	
sad	dog	red	do	eat	/5
and	us	to	girl	then	/10
as	hat	if	seem	get	/15
house	sun	stop	lots	ear	/20
food	at	they	big	the	/25
last	run	fly	we	on	/30
saw	walk	school	best	time	/35
boy	wall	chair	all	me	/40
will	blue	size	fall	go	/45
hope	far	man	her	was	/50
rat	have	fat	good	pet	/55
up	try	small	eye	love	/60

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1.23	The child can read at least one example (possible values: 01=yes, 02=no, -79=Refused to answer, -88=NA)	r 1
	(possible values. 01-yes, 02-110, -13-1xeruseu to ariswer, -00-147)	l J

FIELDWORKER: Fill the next items after you finished administering the test to the child, and he/she is no longer with you.

1.24	<b>Total words read at 60 seconds</b> (possible values: from 1 to 60, -79=Refused to answer, -88=NA)	[]
1.25	<b>Total incorrect words at 60 seconds</b> (possible values: from 0 to 60, -79=refused to answer, -88=NA)	[]
1.26	Total correct words in 60 seconds (possible values: from 0 to 60, -79=refused to answer, -88=NA)	[]
1.27	ONLY IF LESS THAN 60 SECONDS, number of seconds at completion (possible values: from 0 to 59, -79=refused to answer, -88=NA)	[]

# **SECTION B. PASSAGE READING**

**FIELDWORKER:** Show the child card 2 of the EGRA stimuli cards. Read the instructions in your manual with the child. Ask him/her to start reading the story aloud and mark each incorrect word with a slash ( / ). Count self-corrections as correct. This is a timed exercise. When 60 seconds have gone by mark the final word attempted before with a bracket (]).

Sharada and her grey cat	5
My name is Sharada and I am eight years old. My little brother is Ramesh and he is four. We like to play with our cat. Our cat is grey and fat and she likes to hide behind the big furniture.	15 25 37 46
One day, our cat went missing. We thought she was just playing hide and seek, but we could not find her in her favorite places. So we searched all around the house for the cat.	54 63 73 81
Finally, we found her under the bed, but she was not alone! She had given birth to three kittens: two grey and one white. When we told our parents about the kittens, they told us that mom was also having a baby. We are going to have a sister!	91 100 110 120 130

# áê¿ã\*ò s\_çOQ∑

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XHố ~ÀA =∂ Ñ≤e $_{i}$ <å‰ốΩ =∂ `«=Ú $_{\pm}$ _çH˜ HõxÑ≤OK«ÖË^Œ∞	54
$H\tilde{o}\#\tilde{N}^{-}_{-} > \tilde{o}\Omega O @ ^{\bullet}\tilde{o}\Omega - x = \partial W^{0}_{1} i \grave{A} P P_{-} > \tilde{o}\Omega O @ O^{0} \geq \partial \#x J\# \\ \sim \tilde{o}\Omega < \mathring{a}_{f,l} = \acute{U}$	62
HÍx "Õ∞=Ú W^Œì ~°=Ú =∂ Ñ≤e; ^•‰õΩ─ <Õ ã¨ú Å=ÚÖ' "≥uH~<å Jk Hõ# _»ÖË^Œ∞	72
=∂ Ñ≤e¡ Hˇ~°‰õΩ WÅ¡ O`å, Jxfι KÀ∖Ï¡ "≥uH˜<å=Ú	79
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HÍx=∞OK«O "H~O^Œ=∂ Ñ≤e; XHõ->Ë HÍ^Œ∞	93
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$= \partial \tilde{N} \leq e_{i} \ \tilde{N} \leq \mathring{A}_{i} \ \mathring{A} \# \infty \ H \tilde{O} \#_{f} \ I \ q_{+} \ "\ddot{U} \ll \infty = \acute{U} = \partial \ `\ll e_{i} \ , \ `\ll O,\_ \gg \infty \mathring{A} \% \tilde{o} \Omega \ K \geq \tilde{N} " \triangleq Q \acute{I}$	117
=∂`«O,_çg∞ J=∞ <sub>‡</sub> ‰õÄ_®g∞‰õΩ XHõ`«=Ú <sub>‡</sub> _ç<À, K≥e <sub>i</sub> <À	126
Hõ#É'`«∂ =ù Ok Jx K≥áê <sub>Ê</sub> ~°∞	130

**FIELDWORKER:** If the 60 seconds have gone by and the child was not able to read the title and two first lines, mark "no" in the following question and fill out 1.29, 1.30, and 1.31 after you finished administering the test to the child, and he/she is no longer with you. Then, go on to section C: Listening comprehension. If the child was able to read mark "yes" and continue with this section.

1.28	The child can read (possible values: 01=yes, 02=no, -79=Refused to answer, -88=NA)	[]
 FIELDWC	l DRKER: Fill the next items after you finished administering the test to the child, and he	l e/she is no longer with you.
1.29	Total words read at 60 seconds	

1.2	Total words read at 60 seconds (possible values: from 1 to 130, -79=Refused to answer, -88=NA)	[]
1.3	Total incorrect words at 60 seconds (possible values: from 0 to 130, -79=refused to answer, -88=NA)	[]
1.3	Total correct words in 60 seconds (possible values: from 0 to 130, -79=refused to answer, -88=NA)	[]
1.3	ONLY IF LESS THAN 60 SECONDS, number of seconds to complete the paragraph (possible values: from 0 to 59, -79=refused to answer, -88=NA)	[]

**FIELDWORKER:** Ask the child to read the text again, this time in silence. Tell her/him that you will ask her/him some questions about after she/he finishes. Let the child keep the card after her/him has read it. After you read each question, give the child at most 15 seconds to answer each question. Record the exact answer given by the child. Do not mark it as correct or incorrect. The answer will be assessed centrally by a professional with experience in test scoring.

1.33	Who is telling the story?	
	Child's response:	
	(values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA)	
1.34	Why was the cat fat? Child's response:	
	(values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA)	[1
1.35	What is Sharada's little brother's name?	
	Child's response:	
	(values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA)	[]
1.36	What do Sharada and Ramesh like to do? Child's response:	
	(values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA)	[]
1.37	Why did Sharada and Ramesh say the cat was not alone? Child's response:	
	(values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA)	[1
1.38	Why do you think the cat was missing for a while? Child's response:	
	(values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA)	[]
1.39	How many kittens did the cat give birth to? Child's response:	
	(values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA)	[]
1.40	Where did Sharada and Ramesh find the cat? Child's response:	
	(values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA)	[]

# **SECTION C. LISTENING COMPREHENSION**

**FIELDWORKER:** This is **not** a timed exercise and **there is no stimuli card**. Read two times, aloud and slowly (1 one word per second) the following passage to the child and ask him/her the following questions.

A yellow little chicken was walking through a bridge. Suddenly, he slipped and fell in the river. "Help me! I can't swim!" he cried. There was a mouse passing by that saw the little chicken and came to help, but he fell in too. "What do we do now? I can't swim either" said the mouse. "I see something that is coming our way!" the chicken replied. They both climbed on the log and rowed to the shore. "We are saved!" they shouted when they finally arrived to land.

**FIELDWORKER:** After you read each question, give the child at most 15 seconds to answer each question. **Record the exact answer** given by the child. Do not mark it as correct or incorrect. The answer will be assessed centrally by a professional with experience in test grading.

1.41	Who fell in the river first?			
	Child's response:			
	values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA		[]	
1.42	Who fell in the river last?		•	
	Child's response:			
	values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA		[]	
1.43	Why did the little chicken fall in the river?			
	Child's response:			
	values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA		[]	
1.44	Where was the chicken before he fell in the river?			
	Child's response:			
	values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA		[1	
1.45	Why did the little chicken cry for help?		<u> </u>	
	Child's response:			
	values 01= correct, 02= partially correct, 03= incorrect, 77=NK, 79=refused to answer	er,		
	88=NA		гі	
1.46	How did the chicken and the mouse get out of the river?			
	Child's response:			
	values 01= correct, 02= partially correct, 03= incorrect, 77=NK, 79=refused to answer	er,		
	88=NA		r 1	
			1	
1.47	Test administration: Finish Time (hour) (possible values: 07 to 18)	Hour	s: [ ]	
	(100.0)		-·	
1.48	Test administration: Finish Time (minutes) (possible values: 00 to 59)	Min	utes: [ ]	
	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			

FIELDWORKER: Fill out 1.49 to 1.51 after you have finished the test with the child and she/he is no longer there.

1.49	Language used by field worker during administration. (ENTER FROM CODE BOX #1) (if 07 then specify below) Other, specify:	ı	1	
1.50	Language used by child during administration. (ENTER FROM CODE BOX #1) (if 07 then specify below) Other, specify:	- 1		
1.51	Language in which the test was written. (ENTER FROM CODE BOX #1) (if 07 then specify below) Other, specify:	[.	1	

	CODE BOX	1-LANGUAGES	
01= Telugu	02=English	03=Urdu	04=Hindi
05=Kannada 88=N/A	06=Oriya	07=Other	77=NK

# 1.D MATHEMATICS ACHIEVEMENT TEST

**FIELDWORKER:** It is very important to assure adequate conditions for the assessment. You should look for a place with adequate lighting (natural or artificial), relative absence of noise and a flat surface for the child to work on. If these conditions are not available, try to look for other space or reschedule if possible.

**FIELDWORKER**: Explain the instructions in your Fieldworker's manual to the child. For the next items show him/her the Numeracy cards and read the instructions on your manual. Record the child's exact response and check if it is correct or incorrect and mark accordingly in spaces given below.

1.52	Test administration: Start Time (hour) (possible values: 07 to 17)	Hours: [ ]
1.53	Test administration: Start Time (minutes) (possible values: 00 to 59)	Minutes: [ ]

1.54	Math Item 1: Please, put your finger on number twenty one (use Numeracy Card A) Child's response:	
	(Correct answer: 21) (values 01= correct, 02= incorrect, 77=NK, 79=refused to answer, 88=NA)	
1.55	Math Item 2: Please, put your finger on number three hundred and twelve (use Numeracy Card A) Child's response:	
	(Correct answer: 312) (values 01= correct, 02= incorrect, 77= NK, 79=refused to answer, 88=NA)	[]
1.56	Math Item 3: Please, put your finger on number three thousand one hundred and twenty six (use Numeracy Card A)  Child's response:	
	(Correct answer: 3126) (values 01= correct, 02= incorrect, 77= NK, 79=refused to answer, 88=NA)	[]

1.57	Math Item 4: Please count how many balls there are here (use Numeracy Car Child's response:	dB)	
_	(Correct answer: 12) (values 01= correct, 02= incorrect, 77= NK, 79=refused to answer, 88=NA)		[]
1.58	Math Item 5: Which number should come in the space in blank? (use Numeracy Card C) Child's response:		
	(Correct answer: 28) (values 01= correct, 02= incorrect, 77= NK, 79=refused to answer, 88=NA)		[]
1.59	Math Item 6 Which number should come in the space in blank? (use Numeracy Card D) Child's response:		
	(Correct answer: 13) (values 01= correct, 02= incorrect, 77= NK, 79=refused to answer, 88=NA)		[]
1.60	Math Item 7 Latha has 2 apples and she receives 3 more apples. How many apples does she have now? (use Numeracy Card E) Child's response:		
	(Correct answer: 5) (values 01= correct, 02= incorrect, 77= NK, 79=refused to answer, 88=NA)		[]
1.61	Math Item 8 Sreenu has 20 dollars and he bought a 4 dollar ice-cream.  How many dollars does he have left? (use Numeracy Card F)  Child's response:		
	(Correct answer: 16) (values 01= correct, 02= incorrect, 77= NK, 79=refused to answer, 88=NA)		[]
1.62	Math Item 9 Please tell me the answer of this calculation: Two times four? (use Numeracy Card G) Child's response:		
	(Correct answer: 8) (values 01= correct, 02= incorrect, 77= NK, 79=refused to answer, 88=NA)		[]
1.63	Test administration: Finish Time (hour) (possible values: 07 to 18)	Hours:	[]
1.64	Test administration: Finish Time (minutes) (possible values: 00 to 59)	Minut	tes: [ ]

# **Booklet. Math Computing**

**FIELDWORKER**: Give the Mathematics Achievement Test Younger Cohort – **Booklet. Math computing** to the child. Read the instructions with the child to make sure she/he understands the instructions **(child must answer the questions in order).** Then let the child work by herself/himself with the test under your supervision. **After 4 minutes** you should register the last item completed by the child without interrupting his/her work. Let the child continue working **until 8 minutes** have passed since the beginning of the test. Then stop the administration. Later on, and without the child present, fill in the answer table below with the exact answers provided by the child.

1.65	Test administration: Start Time (hour) (possible values: 07 to 17)	Hours: [ ]
1.66	Test administration: Start Time (minutes) (possible values: 00 to 59)	Minutes: [ ]

1.67	<b>Math Item 10</b> (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	  1
1.68	Math Item 11 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.69	Math Item 12 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.70	Math Item 13 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.71	Math Item 14 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.72	Math Item 15 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.73	<b>Math Item 16</b> (values from 0 to 9999, -77=NK, -79=refused to answer, -88=NA)	[]
1.74	Math Item 17 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.75	Math Item 18 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.76	Math Item 19 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.77	Math Item 20 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.78	Math Item 21 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.79	Math Item 22 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.80	Math Item 23 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.81	Math Item 24 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.82	Math Item 25 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.83	Math Item 26 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.84	Math Item 27 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.85	Math Item 28 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]
1.86	Math Item 29 (values from 0 to 999, -77=NK, -79=refused to answer, -88=NA)	[]

**FIELDWORKER:** Fill the next items after you finished administering the math computing test to the child, and he/she is no longer with you.

1.87	Last item completed after 4 minutes (possible values: from 11 to 29, -88=NA)	[]
1.88	Last item completed after 8 minutes (possible values: from 11 to 29, -88=NA)	[]

1.89	Test administration: Finish Time (hour) (possible values: 07 to 18)	Hours: []
1.90	Test administration: Finish Time (minutes) (possible values: 00 to 59)	Minutes: [ ]

FIELDWORKER: Fill out 1.91 to 1.93 after you have finished the test with the child and she/he is no longer there.

1.91	Language used by field worker during administration. (ENTER FROM CODE BOX #1) (if 07 then specify below) Other, specify:	
1.92	Language used by child during administration.  (ENTER FROM CODE BOX #1) (if 07 then specify below)  Other, specify:	[ ]
1.93	Language in which the test was written. (ENTER FROM CODE BOX #1) (if 07 then specify below) Other, specify:	[]

CODE BOX 1 - LANGUAGES			8 (10 10 11
01=Telugu 05=Kannada 88=N/A	02=English 06=Oriya	03=Urdu 07=Other	04=Hindi 77=NK

# **EVALUATION OF ADMINISTRATION**

.94	<b>Comments on the administration</b> (please comment on any situations that might affect the v test results, especially if you considered the administration of either test inadequate)	alidity of
		1

Date when this section is filled: / / (day/month/year)	Time	when
section Finished: : Fieldworker's n	a m	e :
C o d e :		