

**HAPPY READERS READING IMPACT
INITIAL RESULTS FROM IGATE PROJECT in ZIMBABWE**

300 Schools in project
Results for schools in
30 schools tested

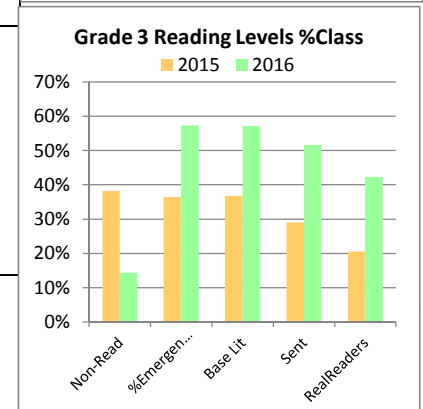
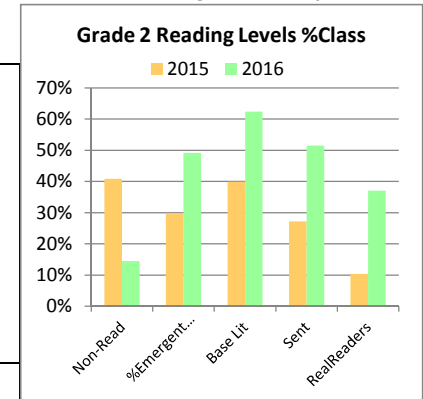
SIMPLE DATA SUMMARY OF FINDINGS

TOTAL

pupils tested: **2589** **2319** **4908**

Grade	2015	2016	%Change	Highlights
Grade 2				<i>Avg Word Score in 2016 well above Literacy threshold for Grade 2 (15 words).</i>
Results				Highlights
15 No of Words read	16	28	+76%	Word Scores: UP 76%
Literacy % (15+ words)	40%	62%	+57%	Literacy UP 57% from 40% to 62% of class
%Non-Readers (Zero Word Score)	41%	14%	-65%	Non Readers Down -65% from 41% to 14% of class
Sentence Reading (Sentences Read)	5.2	6.5	+24%	Sentences UP 24%
Comprehension (Questions Answered)	2.6	3.8	+46%	CompQ UP 46%
Real Readers (% Children tested)	10%	37%	+258%	Real Readers UP 258% from 10% to 37% of class
				<i>Note: Literacy levels good at 62% , ideally 75%+ but big improvement.</i>
Grade 3				<i>Avg Word Score in 2016 close to Literacy threshold for Grade 3 (31 words).</i>
				Highlights
31 No of Words read	20	32	+57%	Word Scores: UP 57%
Literacy % (31+ words)	37%	57%	+55%	Literacy UP 55% from 37% to 57% of class
%Non-Readers (Zero Word Score)	38%	14%	-62%	Non Readers Down -62% from 38% to 14% of class
Sentence Reading (Sentences Read)	7.8	11.6	+49%	Sentences UP 49%
Comprehension (Questions Answered)	3.9	7.2	+82%	CompQ UP 82%
Real Readers (% Children tested)	21%	42%	+106%	Real Readers UP 106% from 21% to 42% of class
				<i>Note: Literacy levels good at 57% , ideally 75%+ but big improvement.</i>

% of Class reaching each Ability Level



Observations

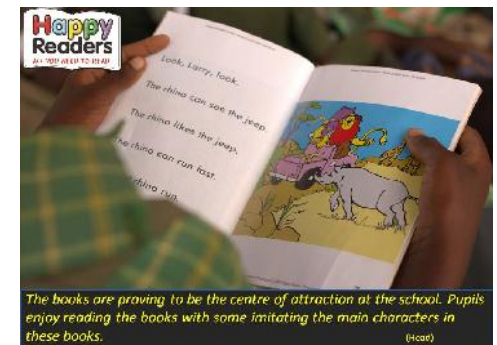
- 1 Number of children tested in Grades 2 to 5 was 2589 in 2015 and 2319 in 2016. Tests done at same schools, same time of year (total n=4908 Tests done).
- 2 These results show the impact of the children reading Happy Readers Level 1 only over a 1-year timeframe. Need to test again after 2 years of use.
- 3 The Headline Impact of Happy Readers is most notable in Grade 2 and Grade 3. The majority of Grade 4 and 5 children tested were already at the expected reading level for Happy Readers Level1, but had not read any of the Level 2 books at the time of testing.
- 4 Grade 4&5 showed base Literacy improvement/impact (Word Reading) mainly among the Poor Readers, and big improvements in Real Readers.
- 5 All Grades 2,3,4&5 show significant improvements on Sentence Reading and Comprehension, both in terms of the number of children reaching this threshold, and in the number of sentences read and questions answered.
- 6 Few of the children tested had completed the Happy Readers Level2 series, or even started it. We would expect greater improvements in Grade 4&5 once children have read the Level 2 (and eventually Level 3) Happy Readers books.
- 7 There is a very significant positive impact on those children who were unable to read even a single word at the end of Grade 2, 3 4 and 5.
- 8 In 2015 (before HR) all grades Word Reading scores were well below the threshold for the grade. By 2016 Gr 2 & 3 were at or above.
- 9 **The most significant impact is seen in the very large increase in the number of "Real Readers" i.e. Children able to read at least 30 test words, at least 1 sentence and answer at least one Comprehension question. These were generally VERY low in 2015.**

See: **EXTENDED DATA SUMMARY** for more details of these results

Source: **HAPPY READERS IGATE PROGRAMME LITERACY INTERVENTION MIDLINE EVALUATION REPORT**, Kate Young, Sifunda Ltd, Livingstone, Zambia March 2017. (*Quantitative Analysis and report*)

Source: **Happy Readers Initiative Summary and Analysis**; Laura Wangness Willemsen, Ph.D., Suzanne Cade, M.A., Shirley J. Miske, Ph.D.

Miske Witt & Associates Inc. 3490 Lexington Avenue North #320, Shoreview, MN 55126 USA www.miskewitt.com. February 20, 2017. (*Qualitative assessment of feedback*)



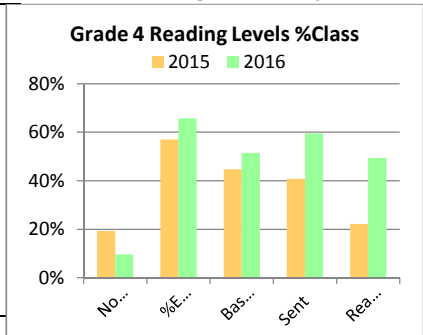
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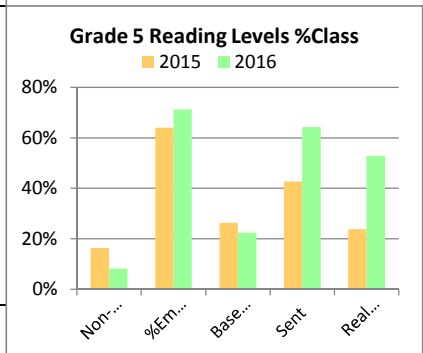
**SIMPLE DATA SUMMARY OF FINDINGS
TOTAL**

% of Class reaching each Ability Level

Grade 4				<i>Avg Word Score in 2016 below Literacy threshold for Grade 4 (44 words).</i>	
<u>Results</u>	2015	2016	%Change	<u>Highlights</u>	
44 No of Words read	32	38	+18%	Word Scores:	UP 18%
Literacy % (44+ words)	45%	52%	+15%	Literacy	UP 15% from 45% to 52% of class
%Non-Readers (Zero Word Score)	19%	10%	-50%	Non Readers	Down -50% from 19% to 10% of class
Sentence Reading (Sentences Read)	8.0	14.5	+82%	Sentences	UP 82%
Comprehension (Questions Answered)	3.8	9.8	+158%	CompQ	UP 158%
Real Readers (% Children tested)	22%	49%	+122%	Real Readers	UP 122% from 22% to 49% of class
<i>Note: Literacy levels good at 52% , ideally 75%+</i>					



Grade 5				<i>Avg Word Score in 2016 below Literacy threshold for Gr5 (59+ words).</i>	
<u>Results</u>	2015	2016	%Change	<u>Highlights</u>	
59 No of Words read	39	43	+9%	Word Scores:	Down 9%
Literacy % (59+ words)	26%	22%	-15%	Literacy	Down -15% from 26% to 22% of class
%Non-Readers (Zero Word Score)	16%	8%	-49%	Non Readers	Down -49% from 16% to 8% of class
Sentence Reading (Sentences Read)	8.3	12.5	+50%	Sentences	UP 50%
Comprehension (Questions Answered)	4.2	8.4	+100%	CompQ	UP 100%
Real Readers (% Children tested)	24%	53%	+121%	Real Readers	UP 121% from 24% to 53% of class
<i>Note: Literacy levels poor at 22% , ideally 75%+</i>					



Explanations

No of Words read	This is the average number of words read correctly from a list of words graded from simple to complex.
Literacy %	This is the percentage of children in the class that meet the minimum literacy level (threshold) for their Grade. (based on how far they progress on the graded word list).
%Non-Readers (Zero Word Scores)	This is the proportion of children who were unable to read a single word correctly from the list.
Sentence Reading (Sentences)	This is the mean number of Sentences read correctly from a graded list of sentences/passages. Only tested on children who could read more than 20 words from the list.
Comprehension (Questions)	This is the mean number of Comprehension Questions answered correctly on the graded list of sentences/passages by children who could read more than 20 words from the list and read more than 1 sentence.
Real Readers	This is the proportion of the class who could read at least 20 words from the word test, and read at least 1 sentence from the reading passages, and answer at least 1 Comprehension Question correctly.

See: **EXTENDED DATA SUMMARY** for more details of these results

Source: **HAPPY READERS IGATE PROGRAMME LITERACY INTERVENTION MIDLINE EVALUATION REPORT**, Kate Young, Sifunda Ltd, Livingstone, Zambia March 2017. (Quantitative Analysis and report)

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SUMMARY RESULTS BY GRADE

Expectation	Average Reading Score by Grade	2015 (b4 HR)	2016 (HR +1yr)	%Change
50	Grade 2	47.8	58.1	+22%
60	Grade 3	51.4	60.8	+18%
70	Grade 4	60.5	65.1	+8%
80	Grade 5	68.6	69.0	+1%

(One year of reading development is roughly 10 Reading Index Score points.)

Base Literacy (as % of Class) - TOTAL

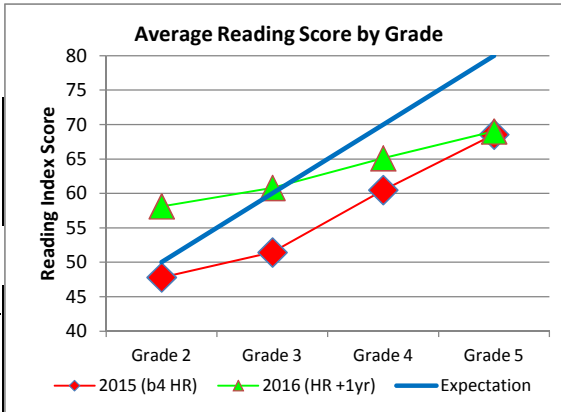
Base Literacy (as % of Class)	2015	2016	%Change
Grade 2	40%	62%	+57%
Grade 3	37%	57%	+55%
Grade 4	45%	52%	+15%
Grade 5	26%	22%	-15%

Non Readers (Zero Words) as % of Class - TOTAL

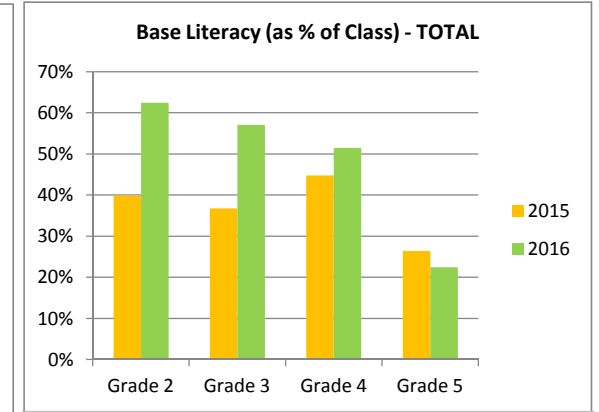
Non Readers (Zero Words) as % of Class	2015	2016	%Change
Grade 2	41%	14%	-65%
Grade 3	38%	14%	-62%
Grade 4	19%	10%	-50%
Grade 5	16%	8%	-49%

Real Readers (as % of Class) - TOTAL

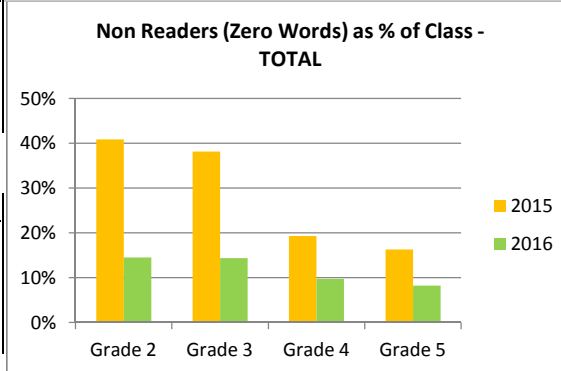
Real Readers (as % of Class)	2015	2016	%Change
Grade 2	10%	37%	+258%
Grade 3	21%	42%	+106%
Grade 4	22%	49%	+122%
Grade 5	24%	53%	+121%



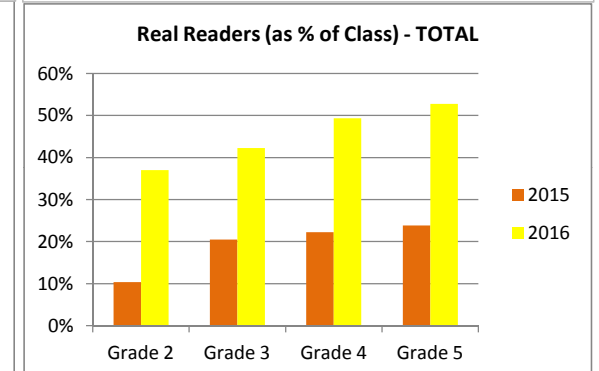
The Reading Index Score is derived from the number of words read correctly from a list of words graded from simple to complex. Pre-HR, all grades were well below the expectation, and after 1 year Grades 2&3 are ahead of expectation. Grades 4&5 still lag behind. Grade 2&3 post-HR score similar to Grade 4 pre-HR.



This is the percentage of children in the class that meet the minimum literacy level (threshold) for their Grade. (based on how far they progress on the graded word list). Big improvements in Grade 2 & 3, (from 40% to 60% of pupils). Minimal change in Grade 4 & 5. Grade 5 level is very low (25%)



This is the proportion of children who were unable to read a single word correctly from the list. In 2015 40% of children in Grades 2&3 could not read single word. Huge drop to c.15%. In Grade 4&5 Non-Readers dropped by half from 20% to 10%.



This is the proportion of the class who could read at least 20 words from the word test, and read at least 1 sentence from the reading passages, and answer at least 1 Comprehension Question correctly. The rates were very low in all Grades in 2015. Grade 2 increased from 10% to 37% of pupils and Grades 3,4,5 from c. 20% to 40% to 50% of pupils.