



Riddles of the Sun Education Initiative: Bakau New Town Primary School Assessment

Analysis of Reading Competencies of Children in Bakau New Town Lower Basic School

Findings of the Research on Literacy Development at the Primary Level and How it Impacts Student Performance

Summary

The Assessment was conducted on a total of 390 students of which 223 of them were female students and 167 of them were male students. The assessment was conducted to understand the challenges of literacy education at the primary level to support with the provision of data as we work towards developing teaching and learning materials to support students learning large classroom sizes.

Introduction

This survey aims to investigate the literacy levels of primary school students and explore the relationship between their literacy skills and overall academic performance. By assessing reading, listening and writing abilities, comprehension skills, and other foundational literacy competencies, we seek to understand the extent to which these skills influence students' performance in various subjects. Furthermore, this study will delve into external factors, such as home environment, access to resources, and teaching quality, to provide a holistic view of the determinants of primary school literacy. The insights gained from this survey will be instrumental in informing educational strategies, curricular decisions, and intervention programs designed to enhance student success and literacy development in primary education.

The research was conducted on a four skill test assessment with 30% of the class size of each grade. Students were assessed on:

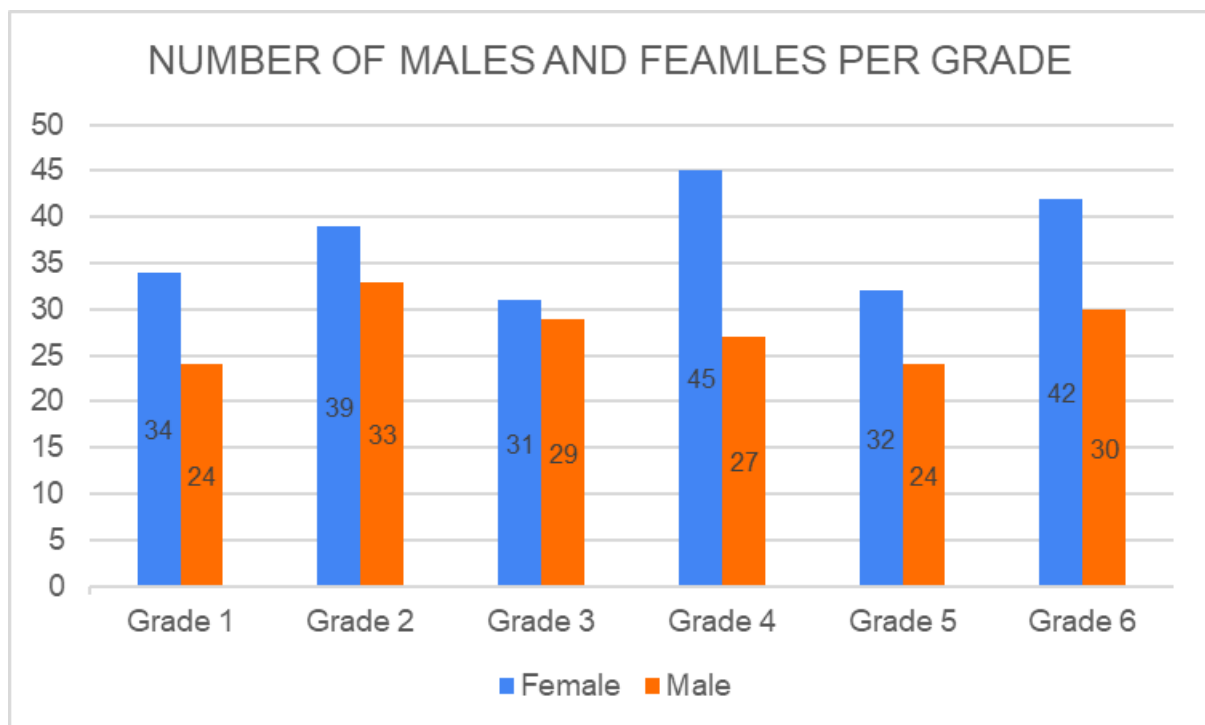
- Reading
- Listening
- Speaking
- Writing

For each class type, students were assessed based



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on their performance level in the following categories;

- High Achievers, students performing on the top of the class
- On Track, students performing on average
- Needs Additional Support, students performing on the low percentile based on their result assessment.



Gender representation of students interviewed in each grade is as follows:

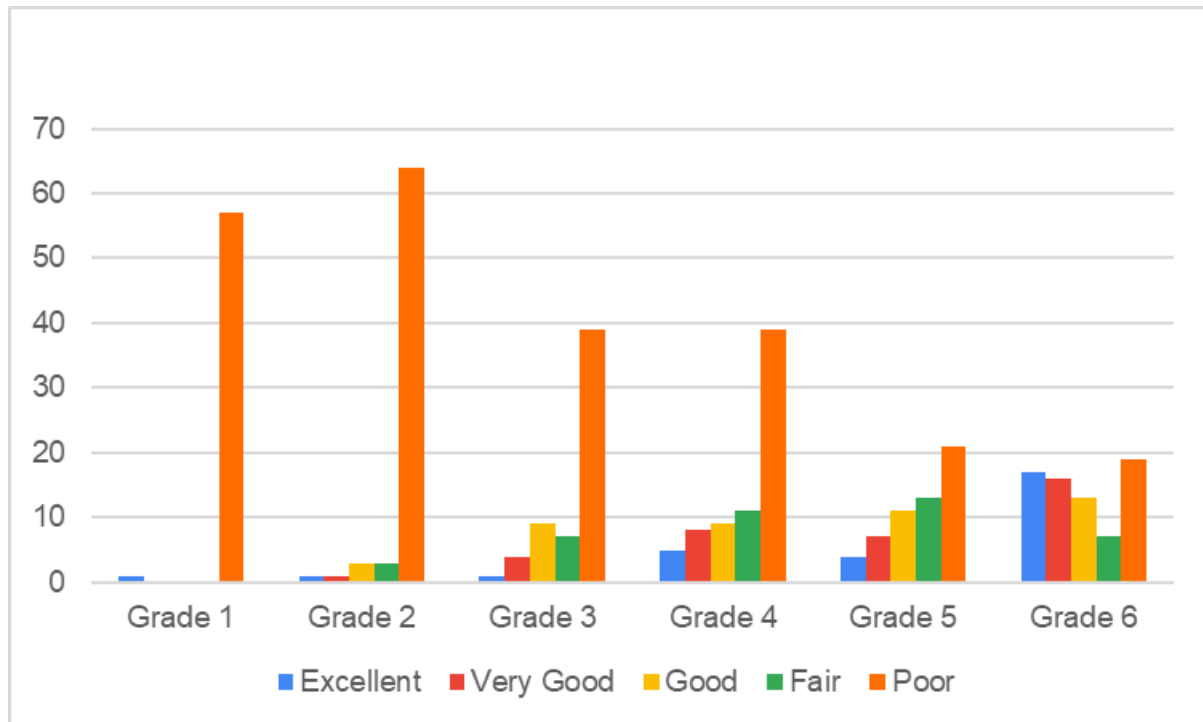
- Grade 1, 24 Males and 34 females
- Grade 2, 33 Males and 39 females
- Grade 3, 29 Males and 31 females
- Grade 4, 27 Males and 45 females
- Grade 5, 24 Males and 32 females
- Grade 6, 30 Males and 42 females

Reading Competencies Assessment by Performance Grading



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The reading competency assessed the students reading ability using similar passages from the learning materials on each grade. After interviewing 390 students, the following results were obtained as reflected on the chart below.



Overall results:

- Only 1 out of 58 students interviewed were able to read in grade 1.
Out of these, only 1 student was excellent in reading, 0 students were Very Good, 0 were just Good, and 57 were poor in reading.
- Out of 72 students, 5 of the students interviewed were able to read in grade 2.
Out of these, 3 students read fairly and 64 were poor in reading.
- Only 14 out of 60 students interviewed in grade 3 were able to read.
Out of these, 1 student was excellent in reading, 4 students was Very Good, 9 were just Good, 7 were fair and 39 were poor in reading.
- Only 22 out of 72 students interviewed in grade 4 were able to read.
Out of these, 5 student was excellent in reading, 8 students were Very Good, 9 were just Good, 11 were fair and 39 were poor in reading.
- Only 22 out of 56 students interviewed were able to read in grade 5.
Out of these, 4 students were excellent in reading, 7 were Very Good, 11 were just Good, 13 were fair and 21 were poor in reading.
- Only 46 out of 72 students interviewed were able to read in grade 6.

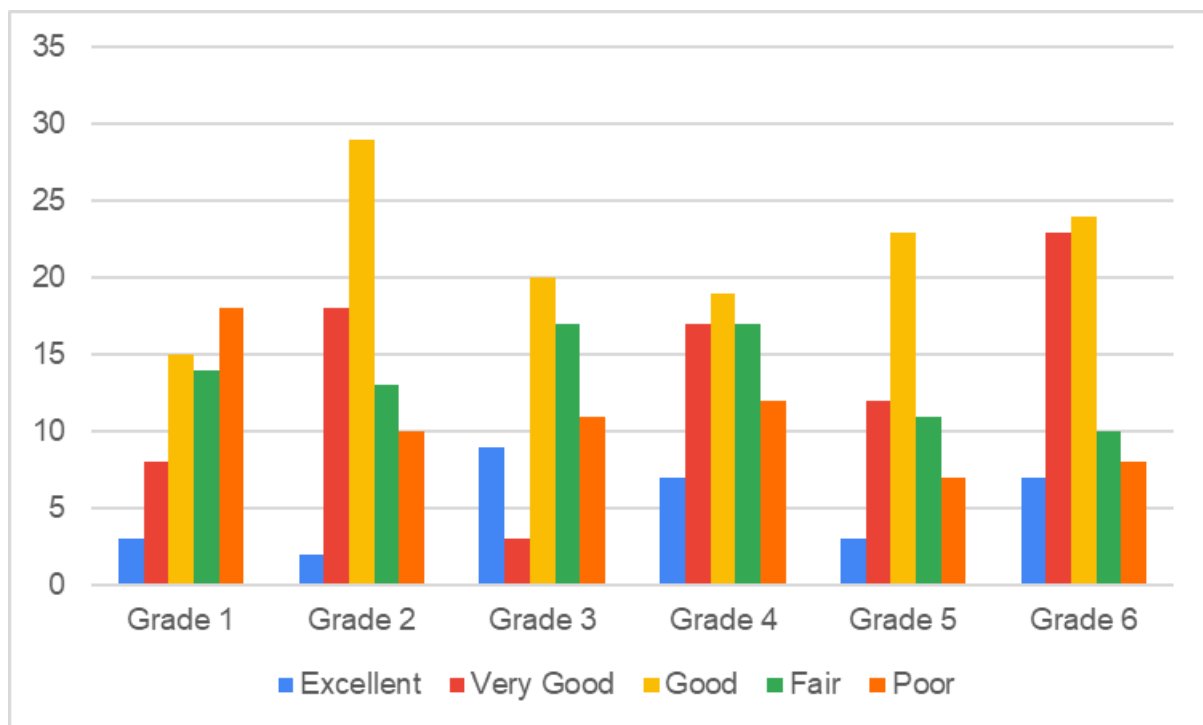


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Out of these, 17 students were excellent in reading, 16 student was Very Good, 13 were just Good, 7 were fair and 19 were poor in reading.

Writing Competencies Assessment by Performance Grading

The writing competence assessed the students writing skills in which they were asked to independently write down their Names, Addresses, Hobbies and other sentences based on their grade levels. After interviewing 390 students, the following results were obtained as reflected on the chart below.



Overall Results:

- Out of 58 students interviewed, 26 were able to construct sentences in grade 1.



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Out of these, 3 students scored excellent, 8 scored very good, 15 scored good, 14 scored fair and 18 scored poor in the Writing Competencies Assessment.

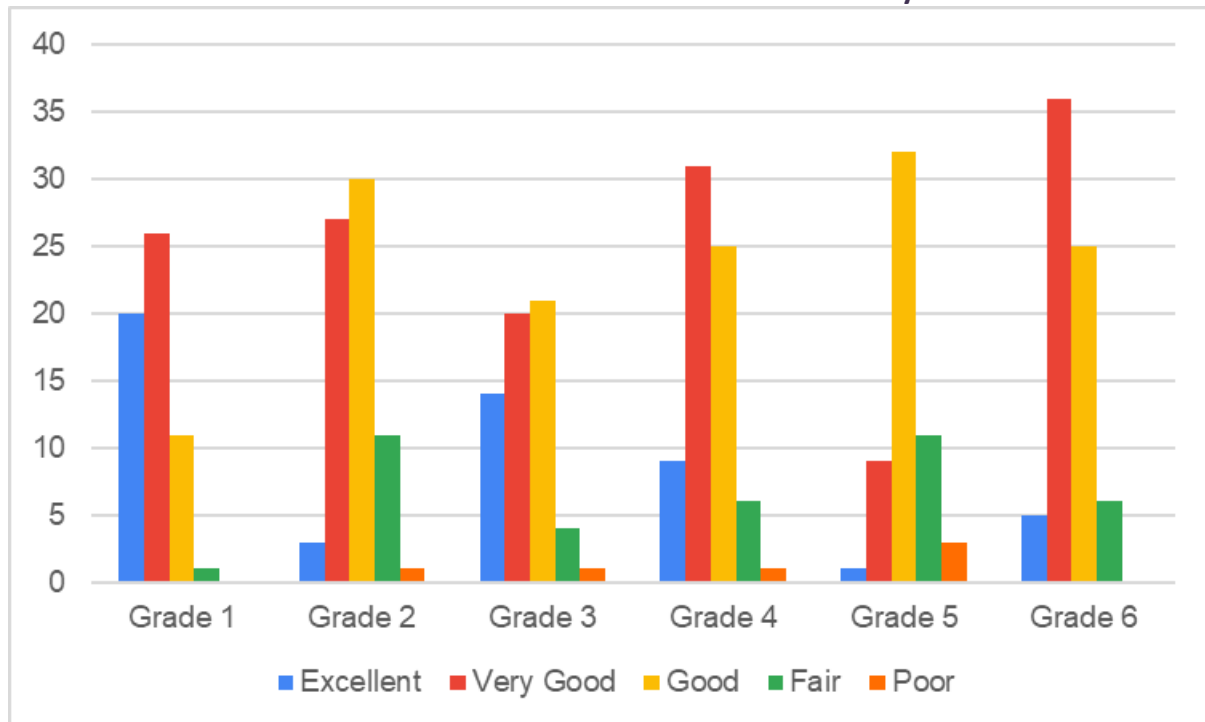
- Out of 72 students interviewed, 49 were able to construct sentences in grade 2. Out of these, 2 students scored excellent, 18 scored very good, 29 scored good, 13 scored fair and 10 scored poor in the Writing Competencies Assessment.
- 32 out of 60 students interviewed were able to construct sentences in grade 3. Out of these, 9 students scored excellent, 3 scored very good, 20 scored good, 17 scored fair and 11 scored poor in the Writing Competencies Assessment.
- 42 out of 72 students interviewed were able to construct sentences in grade 4. Out of these, 7 students scored excellent, 17 scored very good, 19 scored good, 17 scored fair and 12 scored poor in the Writing Competencies Assessment.
- 38 out of 56 students interviewed were able to construct sentences in grade 5. Out of these, 3 students scored excellent, 12 scored very good, 23 scored good, 11 scored fair and 7 scored poor in the Writing Competencies Assessment.
- Out of 72 students interviewed, 54 were able to construct sentences in grade 6. Out of these, 7 students scored excellent, 23 scored very good, 24 scored good, 10 scored fair and 8 scored poor in the Writing Competencies Assessment.

Listening Competencies Assessment by Performance Grading

Students were assessed on the Listening Skill on their ability to hear five words spoken three times and asked to repeat the words they heard. The graph shows the results of the test. It revealed that students in this grade had a good memorization technique in place based on the teaching style being used at the school.



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Overall Results:

- Out of 58 students interviewed, 57 were able to recall the words in grade 1. Out of these, 20 students were able to recall all five words, 26 were able to recall four and 11 were able to recall three words only. Only 1 student was able to recall two words only and none were able to recall one word only.
- Out of 72 students interviewed, 60 were able to recall the words in grade 2. Out of these, 3 students were able to recall all five words, 27 were able to recall four, 30 were able to recall three, and 11 were able to recall two words only. Only 1 student was able to recall a single word.
- 55 out of 60 students interviewed were able to recall the words in grade 3. Out of these, 14 students were able to recall all five words, 20 were able to recall four, 21 were able to recall three, and 4 students were able to recall two words. Only 1 student was also able to recall a single word.
- 65 out of 72 students interviewed were able to recall the words in grade 4. Out of these, 9 students were able to recall all five words, 31 were able to recall four, 25 were able to recall three, 6 were able to recall two and 1 student was able to recall one word only.

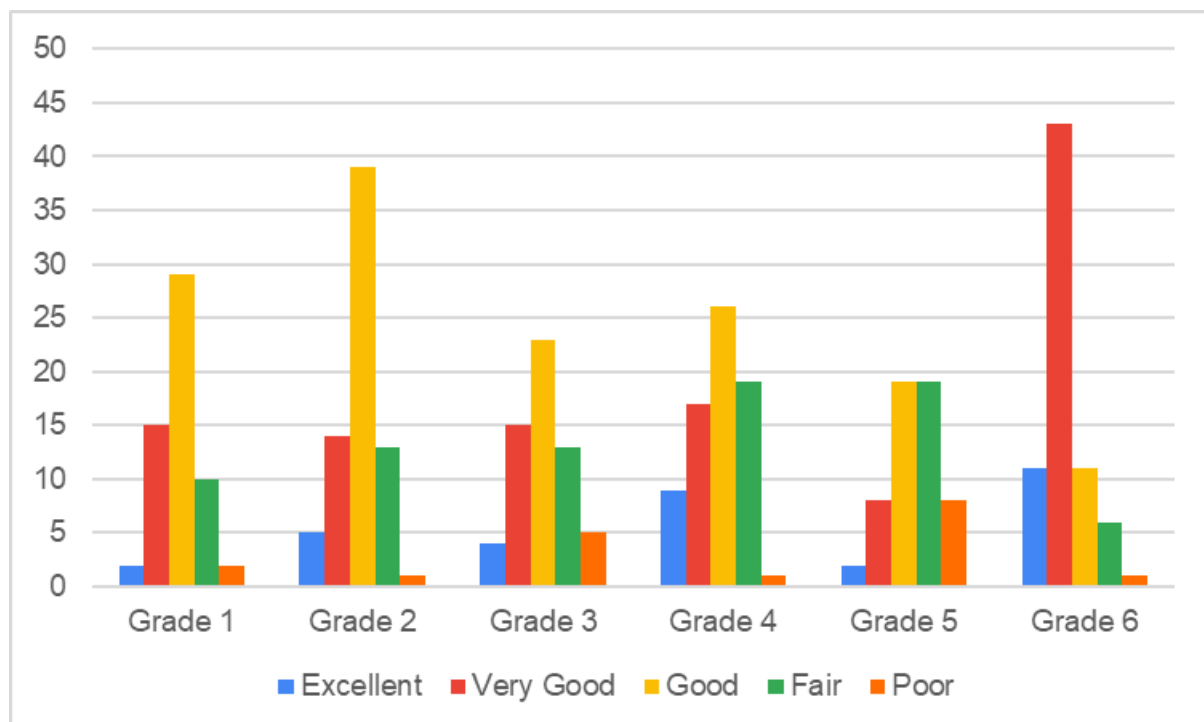


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- 42 out of 56 students interviewed were able to recall the words in grade 5. Out of these, 1 student was able to recall all five words, 9 were able to recall four, 32 were able to recall three, 11 were able to recall two words and 3 were able to recall one word only.
- Out of 72 students interviewed, 66 were able to recall the words in grade 6. Out of these, 5 students were able to recall all five words, 36 were able to recall four, 25 were able to recall three, and 6 were able to recall two words only. whilst no student was able to recall a single word only.

Speaking Competencies Assessment by Performance Grading

Students were assessed on the Speaking Skill on their ability to engage in basic meaningful conversations in the English Language. The graph below shows the results of the test.





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Overall results:

- Out of 58 students interviewed, 46 were able to communicate in English in grade 1. Out of these, 2 students were excellent in speaking, 15 were very good, 129 spoke good English, and 10 were able to communicate fairly in English. Only 2 students had extreme difficulties in speaking English.
- Out of 72 students interviewed, 58 were able to communicate in English in grade 2. Out of these, 5 students were excellent in speaking, 14 were very good, 39 spoke good English, and 13 were able to communicate fairly in English. Only 1 student had extreme difficulty in speaking English.
- Out of 60 students interviewed, 42 were able to communicate in English in grade 3. Out of these, 4 students were excellent in speaking, 15 were very good, 23 spoke good English, and 13 were able to communicate fairly in English. Only 5 students had extreme difficulties in speaking English.
- Out of 72 students interviewed, 52 were able to communicate in English in grade 4. Out of these, 9 students were excellent in speaking, 17 were very good, 26 spoke good English, and 19 were able to communicate fairly in English. Only 1 student had extreme difficulties in speaking English.
- 29 out of 56 students interviewed were able to communicate in English in grade 5. Out of these, 2 students were excellent in speaking, 8 were very good, 19 spoke good English, and 19 were able to communicate fairly in English. Only 8 of the students had extreme difficulties in speaking English.
- 65 out of 72 students interviewed were able to communicate in English in grade 6. Out of these, 11 students were excellent in speaking, 43 were very good, 11 spoke good English, and 6 were able to communicate fairly in English. Only 1 of the students had extreme difficulties in speaking English.