

Analysis of spelling errors of Grade Three Students of English in Gedu Higher Secondary School.

Abstract

The purpose of this study is to investigate the types of spelling errors made by the Grade three students in English in Gedu Higher Secondary School. The study also tells the major sources underpinning such errors in contextual writing composition tasks. The data were collected from written samples of 18 students (male and female) of grade three students of Gedu HSS. The students were given 45 minutes to write on one of five different short essay topics. The spelling errors found in the writing samples were analyzed and classified into four categories of errors based on Cook's classification: omission, substitution, insertion and transposition. An analysis of errors showed that errors of substitution were the highest proportion of errors. The most common spelling errors of the students were a wrong use of vowels and pronunciation. Furthermore, the problem of spelling errors and causes of these spelling errors results were also discussed.

Key words: Spelling, Error, English, Analysis

Introduction

According to Brown (2000) states that acquiring a second language is a challenging process and that requires a lot of effort. Like any other learners of English, Bhutanese learners are expected to face many difficulties while learning English. In the process of learning English, students are going to make various types of errors such as linguistic errors, semantic, syntactic, and phonological. These language errors are considered a natural byproduct of learning (Corder, 1981). Hence, these language errors provide insight to the educators to know each individual student's their needs and in turn, employ teaching methods and remedial plan accordingly.

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One of the most common errors that Bhutanese students' written work is spelling errors. Many students keep making the same spelling errors, which causes a major problem through all their educational stages. This poor spelling problem students handicap in many ways. Smedley (1983) considers that spelling errors lose the clarity of the written message, and thus get disconnected the communication between the writer and the reader. Considering the poor spelling impact on writing,

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it is understood that there is a close relationship between spelling and reading. Some researchers argue that poor spellers are usually poor readers (Koda, 2005; Randall, 2007; Fender, 2008). Those researchers believe that the poor spellers are poor readers too and poor readers are poor spellers.

Therefore, addressing spelling errors correctly should be the main part of teaching English language. Poor spelling affects English sentence structure and causes the lots of mispronunciation of words. Although the spelling is important in producing meaningful written text, the English curriculum guide for teachers of Bhutan language programmes is mostly focus on teaching listening, speaking, reading, writing, vocabulary building, and grammar and a few spelling instructions were given. We, as an educators and researchers, claims that spelling in Bhutanese context has not been given the importance it should be.

Problem of statement

My grade three students' essays are rife with several spelling errors, many of which have become embarrassing to both the teachers and the learners. As school teacher, with an average teaching experience of seventeen years, I have experienced that spelling errors are a common problem amongst the Bhutanese students. Writing with correct spelling is one of the effective forms of communication. Assessing students written works through their exams and daily homeworks, it was found out that the spelling errors was the most pertinent issue identified in their writing pattern. The major source of students' failure in English is the result of students' inability to express themselves in flawless writing. The activities like letter writing, creative writings, dictation and spelling test were the common pattern of writing activities given to students. The English curriculum of Bhutan for grade three prescribed to focus more on short essay.

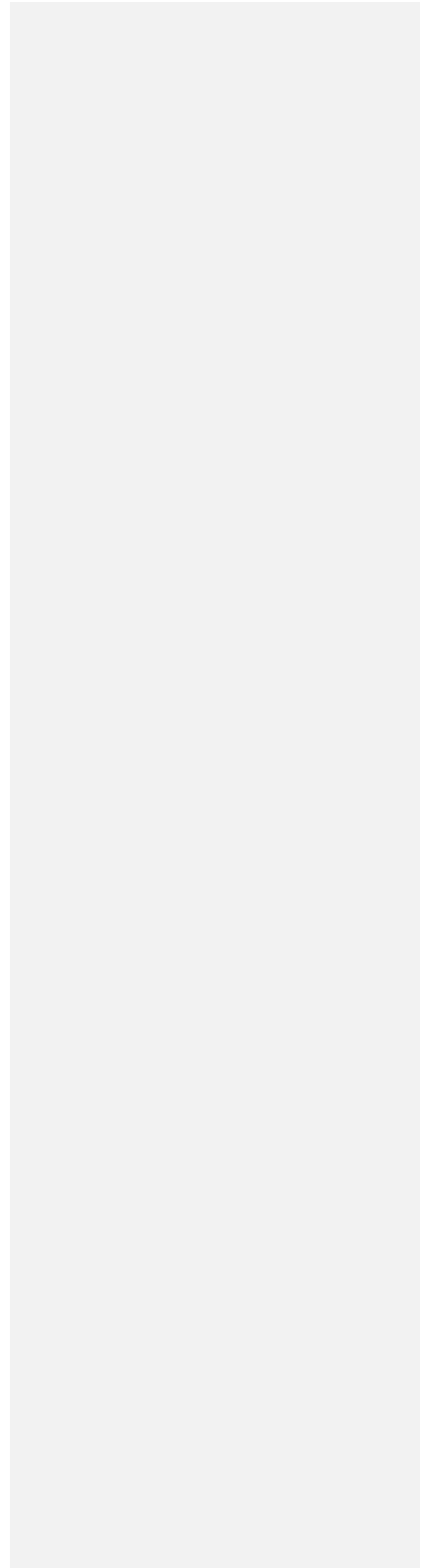
When students were made to write short essays, students often ask spellings to teacher instead of writing themselves. Teacher literally ends up telling all the spellings which is tiresome. That's why teachers spend considerable time in correcting students spelling errors in their writing assignment. The most common errors found in their descriptive essays are: Errors on Omissions (For example, for the word 'butter', 't' is omitted ('buter') resulting in error of spelling). Errors on addition (For example, on addition, for the word 'reply', some students add the 'a' ('replay') resulting in error of spelling). Errors on substitution (for substitution, when a child writes hurt, they write hard). Errors on syllables breaking (two syllables fo/**rest** as forst and three syllables

do/mes/tic

as domst.), Errors on three/four graphemes (two letter graphemes: **leaf**. The sound /ee/ is represented by th

el letters `ea') and Errorson homophonic (for the word **for** they write as **four** and vice versa).

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For instance, if the student writes about a cow for about eight sentences the spelling errors of 35 out of 50 words including all the above-mentioned spelling errors are common in their writing.

According to the anecdotal evidences from my teacher colleagues they share the same concern on students making several spelling errors in their writing. It seems there is no specific and deliberate effort on part of teachers and even researchers to address this problem. There are hardly any studies done in this area. Students often encounter spelling problem while writing English words and there seem to be little or no effort at helping them overcome this problem. Although it is essential for the students to write any form of write ups in grade three with correct spelling is important specially to give correct meaning of the word written but in recent New normal curriculum for grade three English as well the old curriculum none of them mentioned on importance of spelling. How to teach spelling. Except a few words segmentation and syllable breaking were mentioned and single letter to single sound (SSP packs for pre-primary and grade one is reflected).

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Moreover, based on my experience and some anecdotal shared by my teacher colleague mostly we follow the repeat writes same words several times so they remember. Spell the word out loud. Keep words on display. Teacher explain the meaning and students tell the word. However, with these strategies students are not able to write correct spelling especially in two and three syllables' words. Besides, in English writing pattern, we come across a lot of spelling errors among Bhutanese students. Moreover, the grade three English curriculum of Bhutan demands that a child should be able to write simple descriptive essay correctly without any punctuations, sentence structures and spelling errors. However, majority of the students make a lot of spelling errors while writing. While there is no research conducted in the Bhutanese context, anecdotal evidence indicates that writing in general and spelling errors in particular are a common problem amongst Bhutanese students.

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Therefore, I am very much concerned that the spelling error trends may keep on rise if not given the right intervention. It certainly bothered me and took this research to look for the reasons of students making lots of spelling errors while writing. To find out the problem, I took one section of grade three English. I aimed to help the whole class as a key participant. Hence, I would carry out some findings and literature review and employ some strategies to improve spelling errors in their written work of the grade three students.

Research Questions

The following research questions were raised to guide the study.

- (1) What are common spelling errors in students' writing pattern?
- (2) What are the strategies that can be used to correct spelling errors?

Research Objectives

Keeping in mind the above research questions, the following are the two objectives of this study.

1. To investigate the most common spelling errors that grade three students in Gedu HSS made in their writing.
2. To find out the reasons of spelling errors that grade three students of Gedu HSS made in their writing.

Limitations of the study

The study will have many limitations. First, the findings of authentic spelling strategies would be difficult, the one adapted spelling strategies may not be applicable to each individual student. Other factors could be time, the prescribed curriculum demands syllabus coverage on given stipulated time. Another important factor could be the respondents' sincerity. The teacher's sincerity in giving their assessment and perception is beyond the researcher's control.

Literature review

According to (Dadzie & Bosiwah, 2015; Fagerberg, 2006; El-Dakhs, & Mitchell, 2011), it is opined that poor spelling can be detrimental to the overall quality of writing which can lead to miscommunication. Therefore, the communication skill through writing mainly emphasizes on understanding their spelling proficiency because spelling plays a crucial role in students' writing. It can help them to improve their writing and the choice of words they use. It can make reading more fun too when they spot the links between letters and sounds. Though spelling is a difficult skill to learn but it is very important. Even grown-ups struggle with spelling words. As far as possible, to try to use a correct spelling is important for effective communication because a misspelled word is likely to convey a wrong message (Fagerberg, 2006).

However, it is not an easy task for those English as a second language learners to write to use a correct form of grammar and spellings. It is obvious to make errors not only in the use of language but also in spelling. Corder (1981) defines errors as systematic and ever-occurring, and mistakes as being unsystematic, ever-occurring, and irregular although distinguishing the two sets in actual practice is not so straightforward or easy. This is because some words look very

differently written down to the way they sound when we say them. They should maintain consistency in practicing the spelling while writing. As children head into upper elementary grades, spelling is an essential element in expressing their ability in flawless writing. Those students who have a spelling problem will have trouble meeting the writing standard of their grade level. Writing with correct spelling is one of the effective forms of communication. If this issue is not addressed at the earliest, it can lead to poor writing skill and further deteriorate the standard of English.

This research aims to find out the strategies that are precise in teaching English spellings in grade three. The approach of this study is to firstly identify the phonemic awareness to address the spelling errors based on existing research. It is essential to understand the phonemic awareness based on spelling approach by analyzing words based on syllable, rhymes, and phonemes. (Burne & Whiting, 2004). To improve spelling, it is important to teach students grapheme and phonemic pattern in spelling in order to know the word parts such as syllables, rhymes, and phonemes will enable students to decode sounds in each word. Besides, students will learn how to associate those sounds with correct letter. This was supplemented with an in-depth analysis of good reading and language teaching practices from available articles of effective teaching phonemic awareness. Based on our experiences, the students who read more have the ability to write correct spellings in their writing. Reading and spelling are two important aspects of writing. In order to read, you need to decode (sound out) words. In order to spell, you need to encode words. (Terry, B. 2019) opines that decoding is pronouncing the written word correctly and encoding is using letter sound knowledge to write. Reading and spelling is inter-related. If the students are aware of encoding and decoding, they improve reading skills by working with sound/symbol relationship, and improve their spelling skills too. Thus, writing skills improve.

Johnson, M. 2013 states that if students have a higher knowledge of spelling, they are able to make more sense of the words that they are reading; therefore, it is easier for them to remember what is being read. It is rightly quoted that if the student reads as many books as possible; they come across lots of words which eventually enhance their spelling of the words. The more they read, the more they remember the word, later helps in writing the correct spelling of the words.

According to Cunningham (1988) phonemic awareness is described as the ability to manipulate the word into independent sounds in English language. Phonemic awareness helps to understand

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the units of sound which plays crucial role in students learning words, which ultimately helps in learning correct spelling. Phonemic awareness provides students with clear concept of word manipulation. If a child must spell the words correctly the word must be pronounced in the correct way. Therefore, pronunciation plays an important role in writing the spellings of words correctly. Graziano, R. (2018) confirms that to get correct spelling, clear pronunciation plays greater role. Therefore, the students and teachers should not be influenced by the native speaker as native speaker greatly influences pronunciation, which ultimately leads to poor spelling. Rhyming is important to spelling because it can help students understand that words share common sounds and common letter sequence. For instance, if a child can spell, they can spell strings of rhyming words such as rat, bat, mat and etc. (Penn, J. 2012). Our experience as a teacher and teaching English for grade three students for 5 years have observed that students learn more words which rhyme and it enables them to retain for a longer period of time. In addition, it also helps to write correct spelling in their writing.

In English writing pattern, we come across lot of spelling errors among Bhutanese students. Most students tend to delete and substitute the letter in words. For instance, the word *cannot*, a child writes **canot**. And for substitution, when a child writes hurt, they write hard. Most researchers found out that the common spelling errors made by students are mostly phonetic errors. The phonetic errors are vowels omission, consonant omission, doubling and non-doubling are the few common spelling errors found in student's writing. The findings made by Hee-Lee, 2010; Wasowicz, Masterson & Apel, 2007; Wolff, 1952 explain that most of the students make error by omitting the vowels from the words. Example, the word beside as **bside**. The similar findings on spelling errors are consonant omission. The students omit the consonant letter while writing the words. Example conduct as **conduk**, (Laminack & Wood, 1996).

(Carter, 2006). Shows that doubling and non-doubling is the most spelling errors made by the students. This error is widely observed in student's writing. For example, following as **following**, running as **runing**, coming as **comming** and etc.

Good spelling plays a crucial part in writing activity. Spelling is an aspect of written language, so the teaching learning of spelling must take place vigorously within the context of writing (Croft, 1983, p.9). Based on the Oxford dictionary (2008), spelling is an act of forming words correctly from single letters. Similarly, Perveen and Akram (2014) stated that spelling is a study of phonics as related to the grouping of words for spellings such as an, man, can and others. According to

Foyal Michel (2014), spelling is a code that uses letter sequences to represent specific words that have an associated pronunciation and meaning within the mental dictionary.

It is such an essential skill which renders speech sound into writing that has to be mastered by all learners and users of English language for the purpose of effective communication in the written language. A good writer must be aware of his/herspelling particularly to avoid communication breakdown in written language. Therefore, to be a good writer the students must put enormous effort to avoid spelling errors especially for those students English as the second language learners. Also, to correct students written activity one important criteria is set spelling errors. If the students happen to make lots of spelling errors in their writing piece, they will get less marks in their written piece.

Accurate spelling in writing is important to avoid misunderstanding. In writing activity, we need to be aware of our spelling, so that the information can be delivered well. According to Croft (1983), the only possible justification for learning to spell is that accurate spelling is necessary for effective writing. So, zero spelling error in student's writing cannot happen in the course of normal classroom instruction. Children who make lots of spelling errors, they need more practice by employing different strategies demonstrated by the teachers. Thus, students will be able to write without spelling errors. As children head into upper elementary grades, to write with correct spelling becomes increasingly important. Students whose writing shows several spelling errors will have trouble meeting the writing demands of their grade level. If there is no need to communicate by writing, there is no need to learn to spell (p. 9). Moreover, according to Harmer (2001),

An issue that makes spelling difficult for several students is the fact that not all varieties of English spell the same words in the same way. Which is correct: *color* or *colour*, and the *ater* or *theatre*? How do we decide between the use of *s* and *z* in words like *apologise* and *customize*. (p.256).

According to Holmes & Malone (2004) and Fender (2008), even many advanced learners have difficulty remembering specific English spelling patterns. Spelling, in particular in the English language, is a complex language skill important at all levels of education. Some words with completely different meanings, for instance, are pronounced the same, but their spelling is quite different, such as "plane" and "plain".

Anderson (1983, 1987) believes poor spellers tend to continue to use a limited number of strategies which affect their fluency in writing, underlining the need for further linguistic knowledge. They are not, therefore, able to shift to a higher level of spelling strategies which depend on basic levels of linguistic knowledge. Unlike better spellers, they are not able to identify the morphemic and syntactic constraints as well.

Bhutanese children start learning all subjects in English the moment they enrolled in from the right age of 6 in school except Dzongkha. The standard of English has been always a concern for the education stakeholders (CERD, 2002; MoE, 2014; REC, 2009). Although it is vital for these second language users to write with spelling accuracy, there is still a limited number of research on this matter (Cook, 1997). I believe that it is the right time for the teachers and the administration in general to take a serious attention on how to overcome the spelling errors in students writing. It is a concerning topic which must be looked into. It would be effective if the spelling errors could be looked into by all the subject teachers and not only left to the Language teachers.

Spelling involves the use of strategies, which may vary according to the words being attempted and the knowledge that the writer has acquired through experiences with words. (Faye Bolton & Diane Snowball).

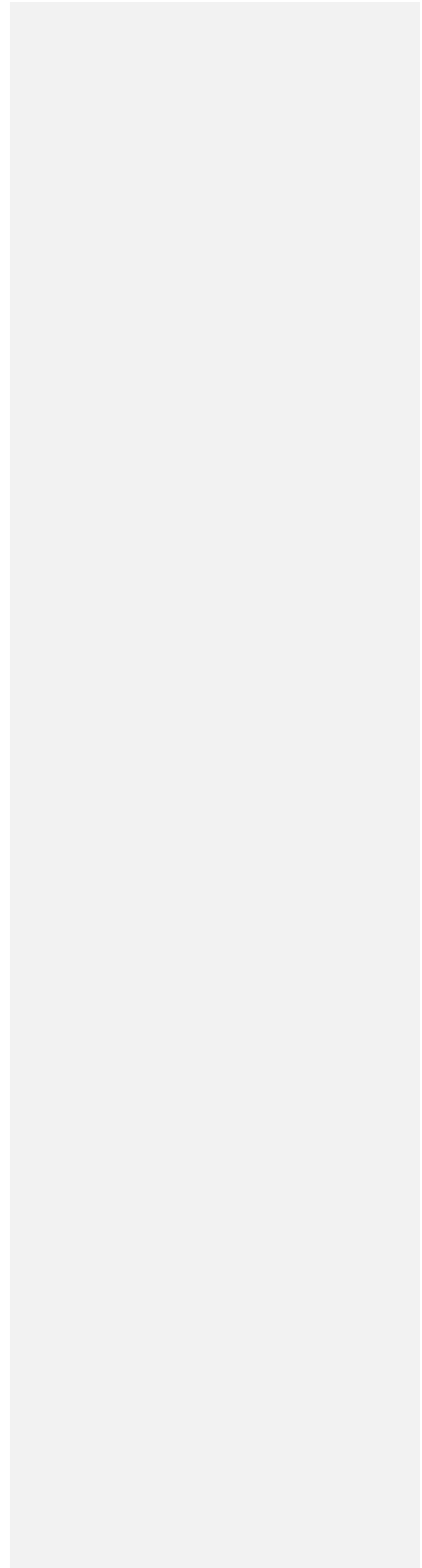
However, the authentic and wide range of teaching spelling strategies and skills must be implemented by the teachers. The purpose of using spelling teaching strategies would definitely boost their spelling and carry out vigorous practice required.

Otherwise, when attempting to write, some students may experience frustration because of the difficulties they may have with spelling. Some they lose interest in writing any form of write up. According to Holmes & Malone (2004) and Fender (2008), even many advanced learners have difficulty remembering specific English spelling patterns. Spelling, in particular in the English language, is a complex language skill important at all levels of education. Some words with completely different meanings, for instance, are pronounced the same, but their spelling is quite different, such as "plane" and "plain".

Evidence from research shows that the test-study-test technique is the single most effective strategy in spelling instruction. This involves having the student under the teacher's direction correct his or her own errors immediately after taking a spelling pre-test. Besides, it is important to understand that knowing and analyzing spelling errors is one of the crucial techniques to improve spelling proficiency that will

contributetowritingproficiency.

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Though all the spelling rules have been taught and in place, teacher efficacy and enthusiasm matter. I feel that guided and different strategies would help spelling proficiency. It provides ample opportunity for teacher and the students find the mistakes instantly and correct it accordingly.

The area of focus of this research is to improve spelling errors through the use of different spelling strategies. The teacher researcher believes that writing without a correct spelling breaks down the meaning of the sentence, and conveys wrong information. The researcher hopes to provide several spelling strategies so that the students make minimum spelling errors in their writing assignment. The purpose of this study was to analyze the improvement of the students' spelling after teaching them several spelling strategies to improve their spelling errors.

I have been teaching English in lower grades for seventeen years, and found out that every grade I taught makes similar or common spelling errors: error of omission, error of substitution, error of insertion and error of transposition. In fact, a teacher has to employ the spelling strategies vigorously before and after every writing activity so that students will be able to write with correct spelling. The occasional teaching of spelling does not bring much impact on student's writing efficiency without spelling errors. Therefore, the teachers often fail to employ spelling strategies to write correct spellings, and students end up making same or similar spelling errors on every writing activity. The same spelling error has been carried over even in higher grades and even may show as lifelong impact. Spelling error usually occurs because the students cannot distinguish between letters and sound of the word when they write. According to Perveen & Akram (2014), "Sounds, letters, word parts, word meaning, and word history are those elements which play the important role in learning to spell the words of English but in reality/practicality in classroom situation it is hardly done by the teachers as they need to worry about the syllable coverages. Moreover, teachers themselves are not competent in teaching sounds correctly.

Those students who make spelling errors keep making the same spelling errors in every piece of writing. Accordingly, various intervention strategies have been developed in an attempt to improve spelling in grade three students.

An action research is the most appropriate research method in which it helps the teacher stop and plan accordingly to overcome the problem identified then changes are made as needed. Therefore, appropriate and accurate intervention actions were provided to give correct solution, and this

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could be possible only by action research method.

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It is significant in ensuring that a viable solution to any situation is found. It is common for a one person's solution working to the disadvantage of others especially if the solution is from outside, hence the need for action research. It gives insight into the past situation, the present as well as the future projections concerning the situation at hand.

Methodology

The study adopted the description research design of the survey type. One section grade three students of Gedu Higher Secondary School are involved. The simple sampling technique was used in selecting the sample. The sample consisted of 18 students from one grade three selected class and 5 teachers including who taught and currently teaching grade three English students. Three tools were used for data collection.

- The first tool was used Analyzing and classifying spelling errors found in the writing samples. For that all the focused 18 students were given to write simple descriptive essay on the topic 'School' for about 150 words which served to identify the pattern of error among the students.
- The second tool is establishing a frequency count of such errors and the sources of the errors.
- The third tool **were** designed questionnaire to administer the responses of the teachers identified on the causes of error and influence of error.
- Moreover, the precise strategies were used to correct spelling errors among the students. Finally, the data collected were analyzed using descriptive statistics of frequency counts and percentages.

Participants

A total of 18 students of grade three and 5 teachers who taught English and currently teaching grade three English of Gedu Higher Secondary School, Chhukha: Bhutan participated in the study, (10) male, and (8) female, and teachers (2) male and (3) female. The ages of the students ranged from 8 to 9 years, the whole one section of grade three to participate in the study. All of the participants in this study had English language learning experience of minimum four years from pre-primary till grade three.

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Written Samples

The participants were asked to write a well-organized essay on one of five familiar topics. They were asked to write approximately 150 words. Each error category was assessed for 100 points. The suggested topics were the following:

- 1) My school
- 2) My favourite fruit
- 3) My favourite book
- 4) My hobby
- 5) My mother

Data Collection Tools

Two instruments were used for collecting data: Students' short essay and teacher questionnaires. Students' short essays were used to collect spelling errors. The teachers' questionnaires were mainly focused for finding out the implementation of spelling strategies.

Procedure of Data Collection

In order to collect a sample of students' spelling errors, 18 students of class three were asked to write one short essay from five given topics of 150 words in length. They wrote it for about 45 minutes. The topics were related to the curriculum that students had studied, practiced enough vocabulary and ideas about the topics. They were not allowed to use dictionaries.

Data Collection and Analysis

According to Cook (1999) spelling errors are classified into four main types of spelling errors: omission, substitution, insertion and transposition errors. So, the data were analyzed based on Cook's classification of spelling errors.

In addition, the frequency of each spelling error type was recorded and taken their total in the percentage form.

Result and Analysis

The findings offer the analysis of spelling errors made by 18 students (10 male and 8 female) of grade three students of Gedu Higher Secondary School. I looked into each major error's types (omission, substitution, insertion and transposition) individually of the selected participant. The study draws based on Cook (1999), who studied the proportions of spelling errors made by L2

students. Thus, errors in spelling were categorized according to OSIT (omission, substitution, insertion and transposition).

Table 1: Frequency of spelling errors made by students according to OSIT (Pre-Data)

Gender	Omission	Substitution	Insertion	Transposition
Male	50/100	26/100	32/100	8/100
Female	43/100	20/100	19/100	6/100
Total	93/100	46/100	51/100	14/100
Percentage	93%	46%	51%	14%

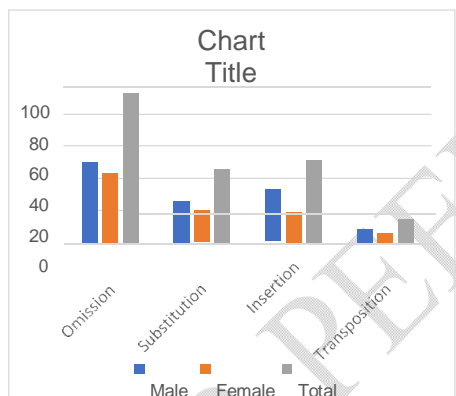


Figure 1: Frequency of spelling errors made by students

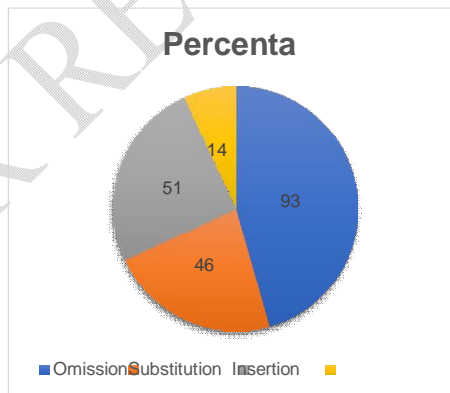


Figure 2: Errors in percentage

Discussions

The table 1 above shows the analysis of spelling errors in four categories. The errors of omission were the highest position with a 93 total, followed by errors of insertion with a percentage of 51. I found that omission errors were the most frequent. So, this study represents the errors of substitution and transposition, however, occurred less compared to the first two types of errors, with 46 and 14 respectively. This sample was examined to whom made spelling errors by L2 students after reviewing their writing samples.

The analysis of the errors in general also concluded that there is a strong correlation between the articulation and the spelling of words. In terms of gender, the male made more spelling errors in

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all four categories than female. The male shows a much higher number than their female counterparts. The variation in the figures was a result of more sample size of male (10) than female (8). The first identified analysis was that spelling errors were caused mainly due to the differences of articulation and spelling inherent in English words themselves. The other issues were that the participants own habit of manipulating standard pronunciation of words which resulted in writing wrong spelling. These two variables could have contributed to the omission, substitution, insertion and transposition errors.

Errors of Omission

Geduh SS students of grade three, mainly beginner writers, might manipulate and associate a wide range of vowels and consonants combinations to form words. This was because a strong correlation was found between the articulations of English words and these words were determined by how it was spelled by the participants. When examined the causes of spelling errors in students' written work, the some common omission errors identified were omitting silent letters, such as in representations of 'beautiful' by [a] in 'beutiful', and in 'country' by omitting [u] in 'contry'. It was obvious that they omit vowels [u] and [a] because they are pronounced exactly the way they were written.

Moreover, while writing these words the students could have drawn on their orthographic knowledge by corresponding grapheme with phoneme. In the case of writing these words, the students could have drawn on their orthographic knowledge, which was marked by their effort to correspond grapheme with phoneme. Beginner writers, at an early stage of spelling and writing, depend heavily on their 'phonemic awareness and orthographic knowledge to spell' (Kelman & Apel, 2004, p. 57).

Besides, the study also identified that majority of the students omitted a letter [e] at the end of the words, such as 'because' for 'because', 'favourit' for 'favourite' and 'som' for 'some'. The analysis of spelling errors in this study was based on contextual writing in which the students were given the task of writing an essay of about 150 words on one of five topics provided. It offered more opportunity and a wider context to see spelling errors.

The study also observed that students omit plural marker [s] such as item for item.

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Errors of Substitution

As shown in the above table, the errors of substitution were the most frequent errors in the essay written by the students. These errors were the outcomes of substituting vowels than consonants which were mainly related to pronunciation. This finding aligns with Cook (1999), who found

more of vowel substitution errors and pronunciation errors. For instance, in writing 'beautiful', the students wrote [fol] instead of [ful], and for the word 'his' as 'hes', this is probably the closest standard pronunciation of the word. In the similar manner, students also substituted [c] with [s] in 'prise' for 'price' and 'rise' for 'rice'. These errors could be students' failure to identify the fact that the English words have multiple correspondences between the sounds of the language and the letters that represent those sounds. Sterling (1983) underscores such errors as 'not incorrect spellings of the correct sounds but rather correct spelling of incorrect sounds' (p. 359). The other common substitution errors were 'together' for 'together', 'amazind' for 'amazing'. It is possible that these errors occurred when students struggle to correspond the articulation with the spelling.

Errors of Insertion

In the samples, the first category of spelling errors was the insertion of [s]. There is an insertion of [s] in end of most of the words such as; childrens, eachs, classess, wills, somes, ares and many more. When it comes to 'childrens' The sources of such errors may be because of participants

not aware of plural and singular. For the words like, eachs, classes, wills, somes, ares. The main contention is whether the participants made errors because they had insufficient knowledge to spell the words accurately, or probably error made due to a temporary lapse in attention or confusion. From the sample, one of the subjects repeated 'somes' four times throughout the essay writing but in one instance the subject wrote 'some'

correctly. In this case, the source of error is, presumably, both competence and performance failure.

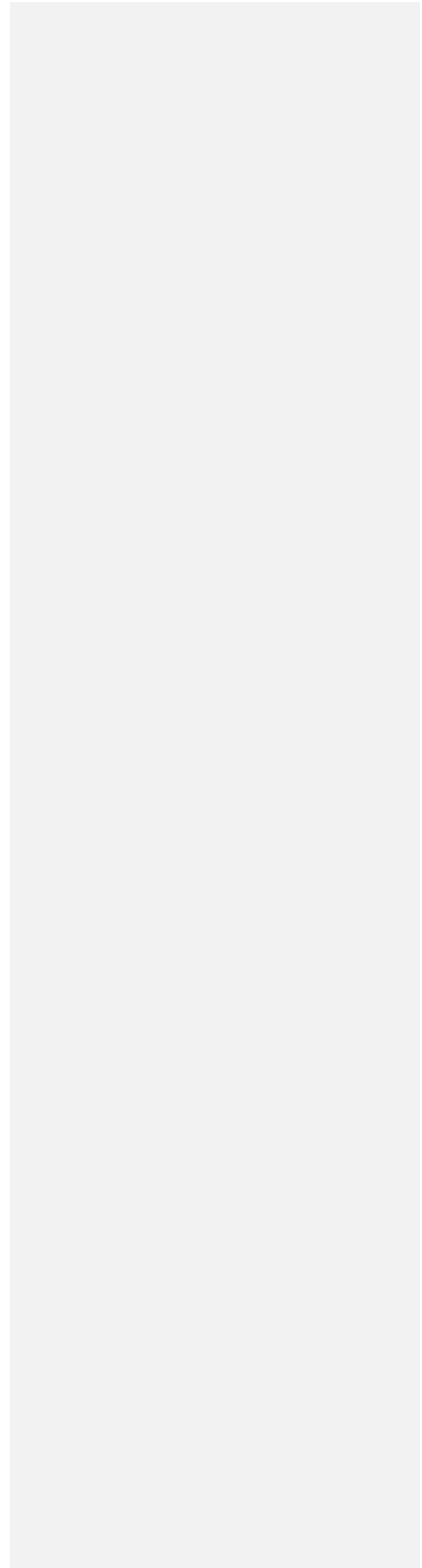
The major sources of the errors relate to the distinction between competence and performance (Chomsky, 1965).

Errors of Transposition

Although transposition was the least errors encountered in the sample, these errors should not be ignored if the goal is to reduce the spelling errors of grade three students of Gedu HSS. Transposition errors included 'friend' for 'friend', 'their' for 'their', 'jucie' for 'juice', 'friut' for 'fruit'. In these errors, the mis-ordering of the vowels 'ie' was the most frequent error, which corresponds with

Cook (1999).

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The third tool were designed questionnaire to administer the responses of the teachers identified on the causes of error and influence of error.

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This part of discussion is emphasized to analyzing the data on what are teacher's perceptions of the spelling problems of their students? And what are teacher's current practices to English spelling instruction? The data were collected using two tools:

- A questionnaire items about attitudes.
- A questionnaire with items about spelling instructional practices.

The three female and two male English teachers were surveyed who had 10 to 15 years of teaching experience in teaching English in Grade three in schools. The teachers' participants responded 10 items on causes of spelling errors and influence of errors. And another 10 items on current practices in spelling instructions. The data collected from the surveys from the teachers were presented below.

Analysis on Surveys with Teachers

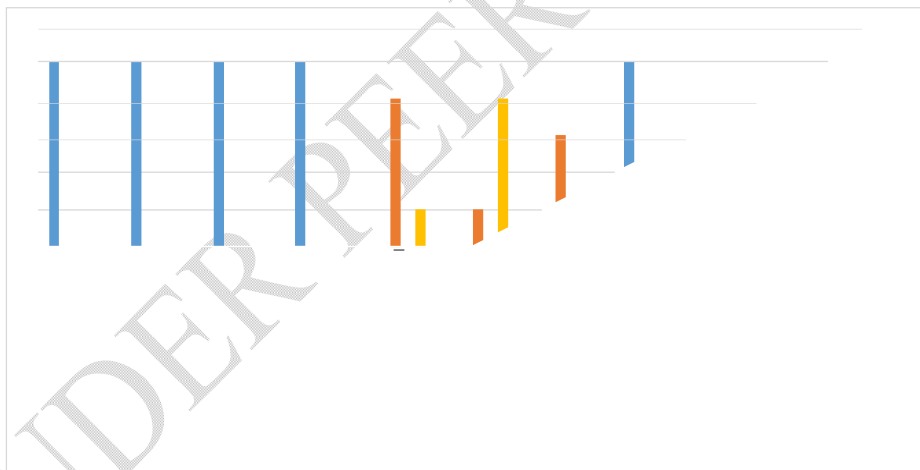


Figure 3: Attitudes of teachers on spelling errors

The figure 3 indicates that significantly, all five teachers agreed with statement 1, Grade three students make too many spelling errors, statement 2, students lose marks because of their poor

spelling, statement 3, poor spelling makes students' writing difficult to read, and statement 3, spelling is important and needs more attention (see figure 1). These responses show the spelling problem is serious and pertaining issues. Besides, for students to perform better academically spelling errors could also put pressure on their ideas and some students might feel hesitant to express their ideas due to fearing of making spelling mistake.

The spelling problem affects students' academic performance as well the language proficiency, all teachers agreed with statement 4, "Spelling is important and needs more attention." Their responses show that spelling is as important as other aspects of the language. According to (Hildreth, 1962 and Smedley, 1983), to help students become efficient users of a language, it is important to help students' master proficiency in all language skills and sub-skills.

Only one teacher disagreed with the statement 5, "I would like to teach spelling, but I don't know the best way to do it" while the rest of the teachers appeared to believe the opposite. Their responses indicate that they believe that spelling is as important as other aspects of the language. Another significant finding is that the surveyed teachers disagreed with statement 10, "It is difficult to teach spelling, so I do not pay attention to it." The teachers' participant refusal of this statement indicates the importance of spelling from the teachers' perspective. Considering the unanimous agreement with statement 8, "There is a relationship between spelling and students' reading and writing abilities." It indicates that developing students' spelling can improve students both writing and reading abilities.

A questionnaire with items about spelling instructional practices

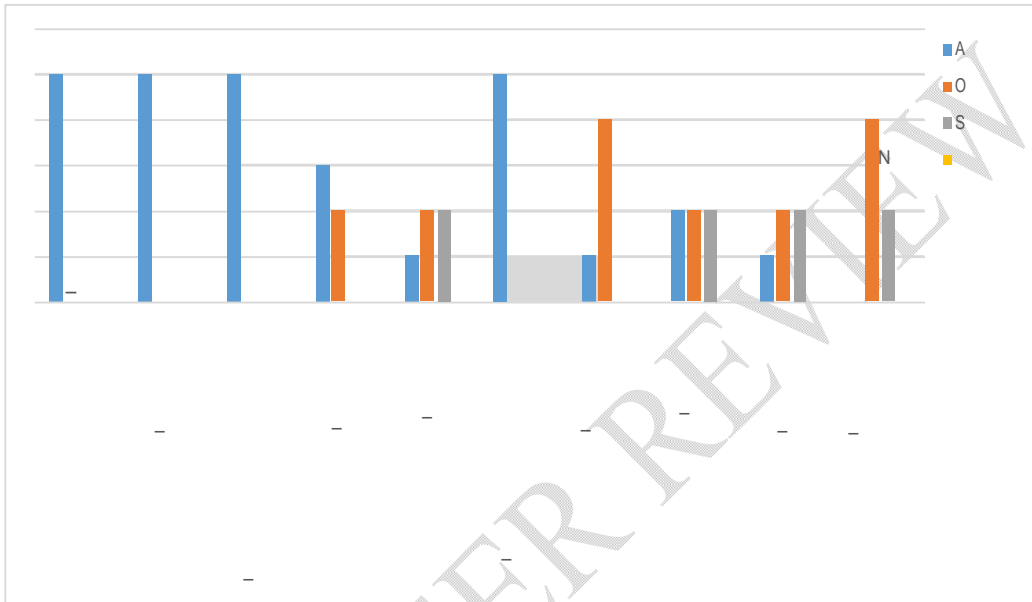


Figure 4: Spelling instructional practices by teachers

The figure 4 explains that, the teachers’ responses in this section on current spelling instruction practices were surveyed including 10 statements, each described a strategy for teaching spelling (see figure 2). The most common spelling instruction used by the teachers were responses 1, “I make students copy new words they learn in their notebooks,” response 2, “I ask students to memorize words by letters or syllabus.” response 3, “I teach the spellings of new words constantly, and response 6, “I make students practice the spelling of the words they misspell by copying them a few times.” respectively. It is identified that teachers are adopting a few same strategies for teaching spelling instruction. The inadequacy of time devoted for spelling instruction appears from teachers’ responses to statement 5 states “I devote part of my lessons to teaching spelling” (see Figure 2). Despite the fact that spelling errors is a serious problem that affects the writing and reading abilities of their students, it is noticed that spelling instruction does not often take place in their classroom.

In statement 8, “I draw students’ attention to irregular spelling and silent letters” and statement 9, “I ask students to memorize words as complete wholes.” The responses to statement 8 suggest that

teachers agree with the literature reviewed (Hildreth,1927; Bahloul, 2007; Fender, 2008) that indicated clearly that irregularity of English is a major cause of students' spelling difficulties. However, teachers recognize that the irregularity of English is the major problem in their students' spelling problems, it looks that the teachers are not addressing to this problem. As we can see the statement 10," I make students practice minimal pairs" (broom, bloom, glow, grow, safe, save) is often used by the teachers.

Intervention

Teaching young spellers, the strategies, rules and concepts to grow their spelling enhances their spelling capacity which ultimately benefits their meaningful writing too. According to Henry(1988), the appropriate spelling instruction strategies must be taught to address the different aspects of English spelling. It also explains that spelling instruction should be organized from letter-

sound correspondences, syllable patterns, morpheme patterns, and strategies for long unfamiliar words.

Sarantako(2012) states that teaching how to correct spelling errors not only helps students reduce their spelling errors but also improves their performance both in reading and writing. Even though the spelling is important in producing meaningful written text, the language activities mostly emphasize on four strands; listening, speaking, reading, writing, vocabulary building and grammar and often neglect spelling instruction.

Therefore, it is essential to identify and teach effective spelling instruction strategies to reduce spelling errors for grade three students in their writing.

After analyzing all three base line data, it was shown that spelling errors is a serious problem faced by grade three students of Gedu. Kareema (2013) opines that English spelling

is unquestionably a difficult matter in which many interrelated skills such as reading and writing are involved. After examining the pre-data collection, I too observed that there is a serious problem of spelling errors.

Considering the findings from analysis and interpretations of the baseline data, I have adopted four vital spelling strategies which could address the problem of spelling errors:

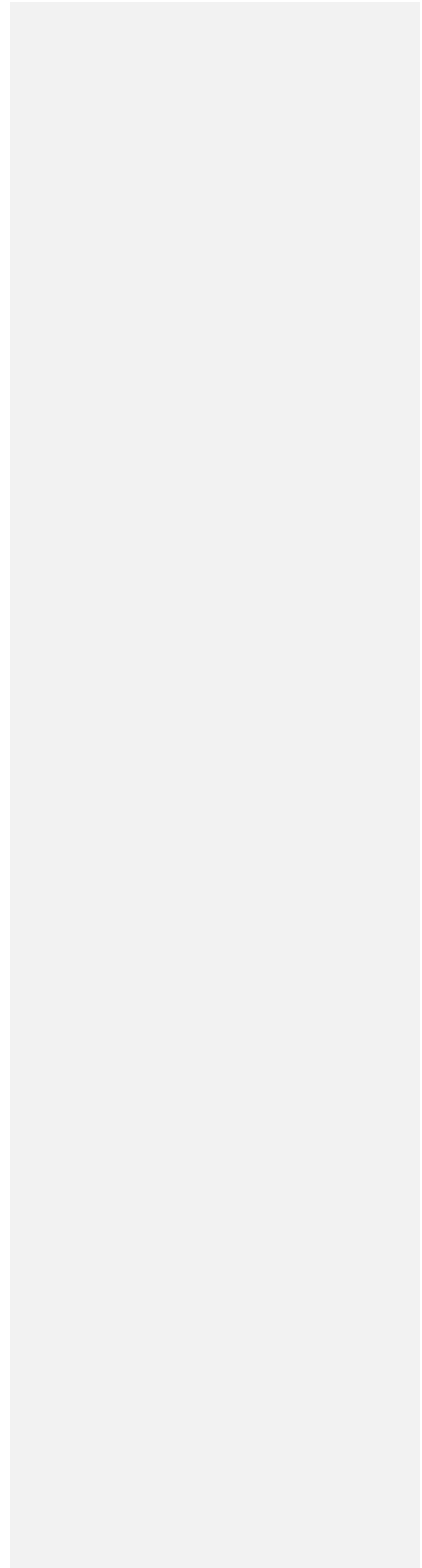
Homophones

Bloodgood (1991), explains that homophone technique of teaching spelling is a good way to overcome some spelling difficulties. Homophones are words that sound the same but have different spellings and different meanings, for example new and knew, be and bee, flour and flower.....etc.

Many studies have found out that students commonly make spelling errors

becauseofhomophones(Ringbom,1977;Ramadan,1986;Al-Karaki,2005).AccordingtoHarmer(2004),

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“Learning of English need to be aware about how we used different spelling to distinguish between **homophones** (words that sound the same but are spelt differently) such as *threw* and *through*” (p.53). For this, first I address them frequently as they come up in natural exchanges with students. We talk about these words as part of vocabulary discussions about word lists and when students bring up other meanings or spelling. I explain the differences and show them the different spellings.

Phonemic Approach

It is important to understand that the relationship between letters and their corresponding sounds helps in developing an essential skill for successful reading and spelling performance. Treiman, Cassar, and Zukowski (1994) found out that the letter-sounds of the words play an important role in children's spelling skills for the children as young as kindergarten. Further, Waters, Bruck, and Malus-Abramowitz (1988) found that in general, children have less difficulty spelling words that are based on predictable letter-sound relationships. Phonemics allows students to identify the sounds that correspond to the written symbols in printed. Equally for spelling, students identify the written letters that correspond to the spoken sounds. Many words in the English language have regular phonemic patterns. The regular words allow students to spell the words purely based on the letter-sound relationship. Accordingly, I have incorporated 'phonemic approach' during the session meaningfully. It was done whenever we introduced high frequency words and new vocabulary of the given text to the students.

Getting the vowels “e” and “i” in the right order.

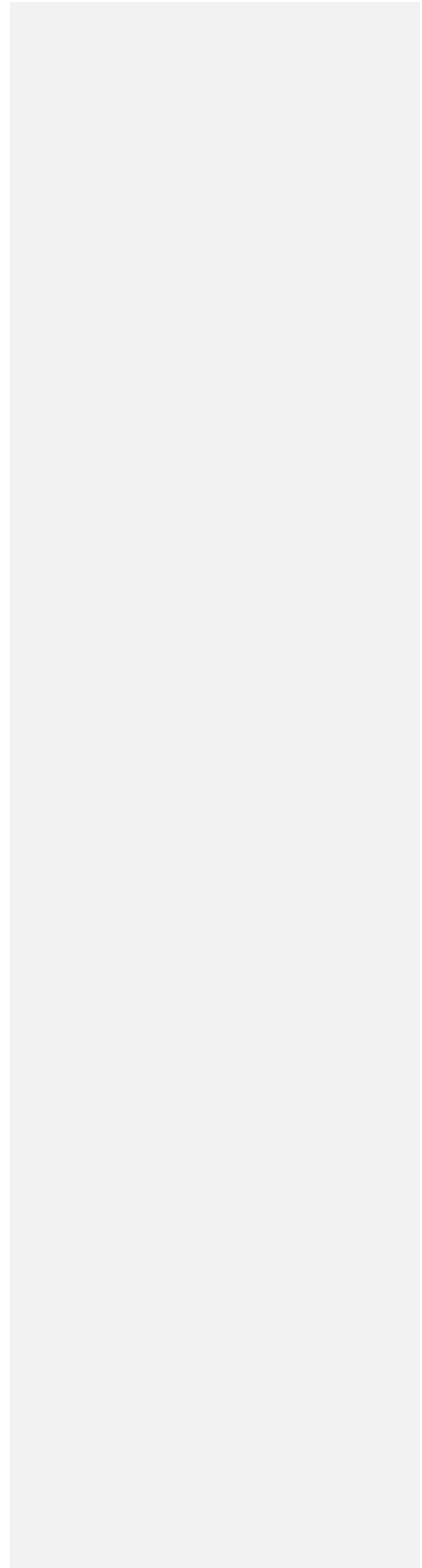
While I went through students' essay mostly, they made spelling errors of using vowels “i” and “e” in right order. According to many researchers one of the most common spelling errors in English involves getting the vowels “i” and “e” in right order. Therefore, it is crucial to teach spelling rule to overcome the spelling errors. I incorporated this strategy whenever I encountered students' using “i” and “e” wrongly in their writing activities and clarified accordingly.

Systematic error correction

According to Kinder & Carnine (1991) states that error correction procedures offer immediate feedback that students can use to improve their performance. Error correction procedures include a variety of different strategies. One example is circling incorrect spelling in their writing work and explain how to correct the spelling with error correction procedure. This is allowing students to discover and learn from mistakes (discovery learning). Although discovery

learning seems unrealistic, research has proved that students receiving teacher-directed lessons that incorporate

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systematic error correction strategies consistently perform better than students learning by themselves (Becker, 1978; Becker & Gersten, 1982).

Besides, error correction of students' mistakes can serve an instructive function as well. For example, by providing information about correct response. Next, error correction strategy is through morphographs. This strategy addresses error correction through a series of structured teacher-directed responses to spelling errors. For example, if a student misspelled the word flower, the teacher instantly models the correct spelling by letting him or her to listen the word when teacher spell, "f-l-o-w-e-r." Next teacher will see whether he/she is telling the correct spelling or not. If the student spell the spelling of flower correctly in first go he/she is no need

for further guidance. If not spelling in first go teacher go for second model of spelling and then would lead the student through guided practice with teacher spell flower. "f-l-o-w-e-r." This structured practice allows students prevent from making repeated mistakes and provides instructional feedback that helps students become more accurate spellers.

What kind of data will I gather to show the situation as it unfolds?

The pre-data and post-data intervention result analysis will tell the comparative impacts. The pre-data and post-data result do not show any progressive impact, then researchers will provide concrete justification of not finding progressive result. If the result of pre-data and post-data is positive, then the researcher will recommend to use my research as reference to teach spelling strategies for those students who make lots of spelling errors while writing.

Post-intervention data collection and analysis

In this chapter we began by describing the post-intervention followed by analysis. Next followed by comparative analysis of the baseline data and post-intervention data. For the post-data collection, the same methods were used so that any improvement could be identified. After three months of intervention, the researcher let the same students' participants to write the same essay which they have written in pre-data. This well-organized essay on one of five familiar topics. They were asked to write approximately 150 words. Each error category was assessed for 100 points. The suggested topics were the following:

- 1) My school
- 2) My favourite fruit
- 3) My favourite book

- 4) Myhobby
- 5) Mymother

When I went through their essay writing it was found that spelling errors were reduced a lot in all four categorized spelling errors. This improvement was clearly shown in table 2 and figure 5 and 6 below. Thus, errors in spelling were categorized according to OSIT (omission, substitution, insertion and transposition).

Table 2: Frequency of spelling errors made by students according to OSIT (Post-Data)

Gender	Omission	Substitution	Insertion	Transposition
Male	15/100	8/100	11/100	2/100
Female	6/100	7/100	8/100	1/100
Total	21/100	15/100	19/100	3/100
Percentage	21%	15%	19%	3%

Frequencies of spelling errors made by students.

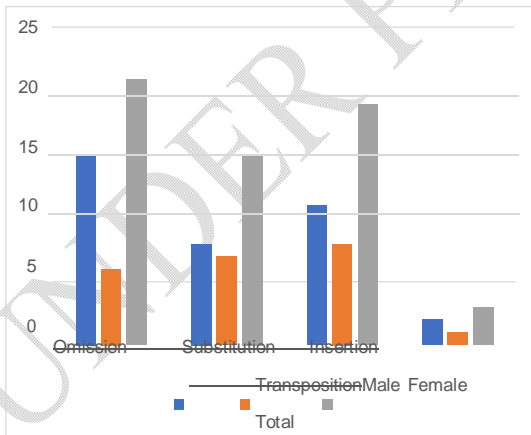


Figure 5: Frequency of spelling errors made by students after intervention

Percentage of spelling errors

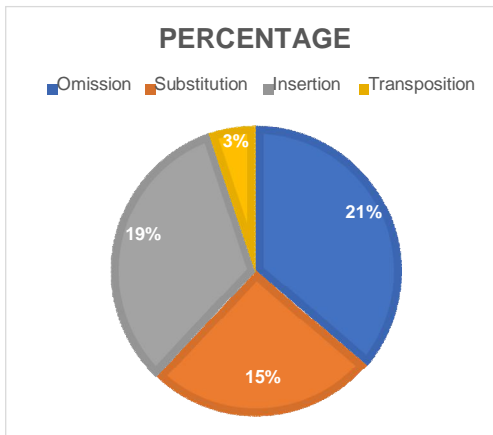


Figure 6: Percentage of spelling errors after intervention

Discussion

According to the post data presented in table 2 and figure 5 and 6, there is a decrease in all four categories of spelling errors such as Omission, Substitution, insertion and Transpositions in students' written work. At the beginning of the study, Omission, Substitution, insertion and Transpositions were the common spelling errors in their written work. This study also proves that until students are not aware of phonemic awareness, it is common for them to make substitution, repetition, insertion, omission and try to invent the new spelling of their own. Readers with phonological processing weaknesses also tend to be the poorest spellers (Cassar, Treiman, Moats, Pollo, & Kessler, 2005). The students who are not aware of phonemic awareness are the one who tend to make lots of spelling errors. It is evident that after the intervention the spelling errors of omission reduced to 21% from 93% by taking the highest success, followed by insertion errors from 51% from 19%. With regard to substitution and transposition there is a noticeable reduction in spelling errors, substitution 15% from 46% and transposition dropped to 3% from 14% are significantly reduced and noticeable compared to pre-data. From the data analysis shown above in the form of graph and pie chart, the frequency of spelling errors made by students according to OSIT is reduced a lot. It can be seen that the students made an improvement after the intervention. The number of spelling errors made by students as given in the table 2 and the percentage of spelling errors in figure 5 and 6 indicated that the students' improvement got better after three months intervention in each category. It was found phonemic approach plays an important role in learning spelling. Besides, that the letter-sound of the words plays an important role in children's spelling skills. Through this approach students' ability in word spelling also increased and number of spelling errors were reduced drastically as shown in the graph and pie chart above. However, repetition in writing the spelling of words is important enough for students that can be used as one of the solutions which can be applied in the classroom instruction.

Comparing pre-baseline data and post-intervention data
Table 3: Comparison of errors before and after intervention

Gender	Before Intervention				After Intervention			
	Omission	Substitution	Insertion	Transposition	Omission	Substitution	Insertion	Transposition
Male	50/100	26/100	32/100	8/100	15/100	8/100	11/100	2/100
Female	43/100	20/100	19/100	6/100	6/100	7/100	8/100	1/100
Total	93/100	46/100	51/100	14/100	21/100	15/100	19/100	3/100
Percentage	93	46	51	14	21	15	19	3
				Omission	Substitution	Insertion	Transposition	
Differences in percentage after Intervention				72 %	31 %	32 %	11 %	

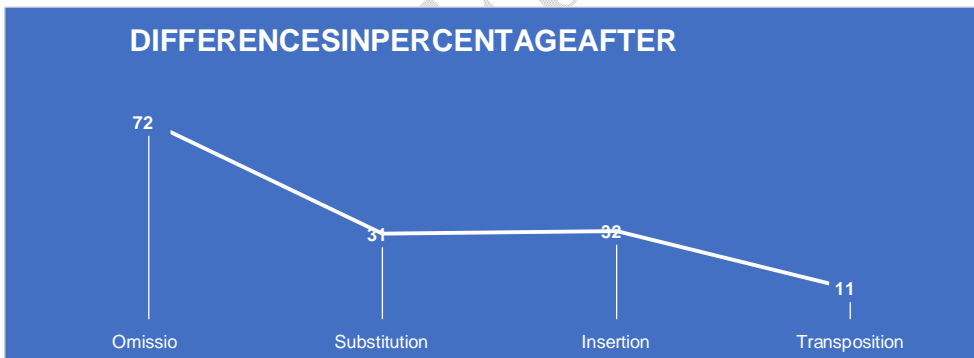


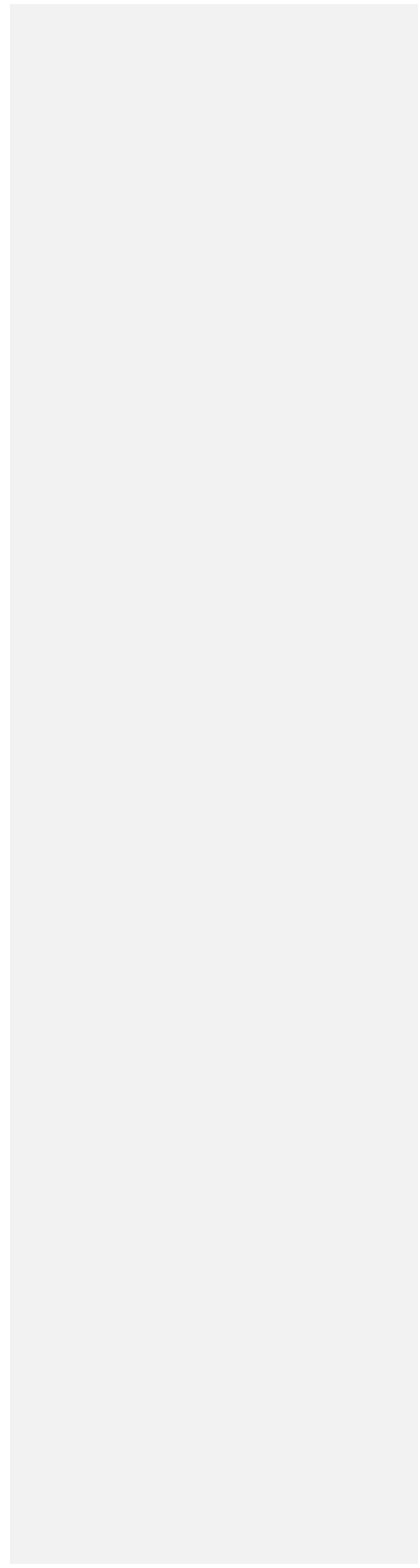
Figure 7: Differences in percentage after intervention

Discussion

The table 3 shows the comparison of frequency of spelling errors before and after intervention. The number of errors were high in all four category of spelling errors before the intervention with the total of 93 omission, 51 insertion, 46 substitution and 14 transpositions respectively.

After three months of intervention using four appropriate spelling strategies (homophones, phonemic,

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“i” and “e” getting right and systematic error correction, there is a significant improvement in students’ spelling. The students have drastically reduced spelling errors in the given categories viz omission with 21 errors, insertion 19, substitution 15 and transposition reduced to 3 correspondingly.

According to (Foorman & Francis, 1994) states that by knowing the knowledge of a word’s spelling always helps in reading of the word. To get the correct spelling, it is essential for the teachers to employ appropriate spelling strategies to learn the word knowledge. Increase spelling knowledge allows students to make more complete connections between spelling and pronunciations of words. This correlational data is supported by experimental studies showing that spelling instruction improves reading performance (e.g., Berninger et al., 1998; Ehri & Wilce, 1987; Uhry & Shepherd, 1993). Overall, spelling is an instructional tool that can help students understand the alphabetic writing system and its’ relationship to spoken language.

Similarly, the figure 7 shows that the overall differences of frequency of spelling errors in four categories in percentage after intervention. The omission was improved by 72%, followed by insertion with 31 %, substitution with 31% and transposition with 11% respectively comparing to before intervention of strategies.

Chapter V

In order to reduce the spelling errors, it is important to let students use the unit’s word list to study the words carefully. They also should practice writing the difficult words at home many times to remember the words correctly. In addition, let the students listen to words carefully and try to differentiate between letters sounds. Other recommendations for educators are that spelling instruction can be integrated into other subject areas. It would be of great help if other subject teachersto could follow the systematic rule to teach spellings so that spelling errors of the students will be reduced. Some teachers feel that spelling is not an essential component in the curriculum. Spelling is a crucial element not only in fluency and reading comprehension, but also in the entire curriculum in all subjects. This is because when teaching spelling, teachers tend to look for the best and effective approaches for their students.

Benefit of the research

An action research is an approach that allows the educators to improve professionally and has a potential to bring progress in the practice they put in for the development of students’ learning.

Comment [DE17]: spacing

Through this action research, the research gained lots of experiences and professional insight on how to carry out action research henceforth. Moreover, employing effective spelling strategies reduces spelling errors in students' written task.

Conclusion

Grade three students of Gedu HSS has high spelling errors in their short essay writing which is considered a critical issue that needs to be looked at. Accordingly, the research presented employing effective teaching spellings such as homophones, phonemic, getting the vowels "e" and "i" in the right order and systematic error correction approaches have adopted to reduce spelling errors. Moreover, Primary English teachers of Gedu HSS must be more equipped and trained to develop student's English language skills equally in order to bridge the poor writing skills in students that leads to many spelling errors in their writings. Further, more attention must be paid in vowel using and multi-syllabic words. Additionally, the hope of the researchers to continue to investigate the spelling instructional needs of not only with grade three students but can be explored with different sample groups to improve spelling errors of the students. Instruction in speech-sound awareness reduces and alleviates reading and spelling difficulties (Adams, Foorman, Lundberg, & Beeler, 1998; Gillon, 2004; NICHD, 2000; Rath, 2001). Teaching speech sounds explicitly and directly also accelerates learning of the alphabetic code. Therefore, classroom instruction for beginning readers should include phoneme awareness activities.

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APPENDICES

Appendix

A Questionnaire on attitude

e

For each statement below please tick the option that most accurately reflects your personal opinion. SA=Strongly Agree, A=Agree, N=Neutral, D=Disagree, SD=Strongly Disagree

	Statement	SA	A	N	D	SD
1	Gradethreestudentmaketoomanyspellingerrors.					
2	Studentslosemarksbecauseoftheirpoorspelling.					
3	Poorspellingmakesstudents'writingdifficulttoread.					
4	Spellingisimportantandneedsmoreattention.					
5	Iwouldliketoteachspelling,butIdonotknowthebestwayto do it.					
6	TheEnglishspellingsystemdoesnothaveclearrules.					
7	Students'carelessnessisthemaincauseofspellingerrors.					
8	Thereisarelationshipbetweenspellingandstudents'readingandwritingabilities.					
9	Students'poorreadingandwritingproficiencyarethecauseofstudents'poorspelling.					
10	Itisdifficulttoteachspelling,soIdonotpaymuchattentionto it.					

Appendix B

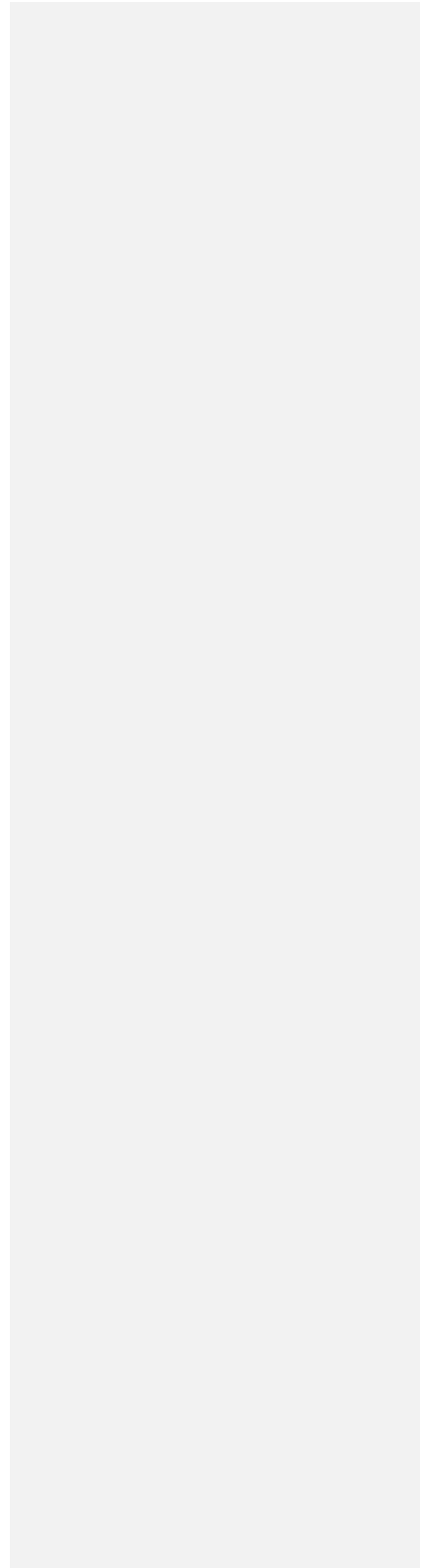
Item Questionnaire on practices

Please choose from the items below the option that most accurately reflects your current practice in spelling instruction. If you use other strategies, please explain them on the lines below.

	Statement	Always	Often	Sometimes	Never
1	Imakestudentscopynewwordstheylearnintheirnotebooks.				
2	Iaskstudentstomemorizewordsbylettersorsyllabus.				

3	Teach the spellings of new words constantly				
---	---	--	--	--	--

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4	I revise spelling of new words before student writes the words.				
5	I devote part of my lessons to teaching spelling.				
6	I make students practice the spelling of the words they misspell by copying them a few times.				
7	I teach common spelling patterns that can be generalized and misspell such as calender for calendar, their for their, truly for truly.				
8	I draw students' attention to irregular spelling and silent letters.				
9	I ask students to memorize words as complete wholes.				
10	I make students practice minimal pairs (broom, bloom, glow, grow, safe, save)				

Appendix C

	Statement	SA	A	N	D	SD
1	Gradethreestudentsmaketoomanyspellingerrors.	5				
2	Studentslosemarksbecauseoftheirpoorspelling.	5				
3	Poorspellingmakesstudents'writingdifficulttoread.	5				
4	Spellingisimportantandneedsmoreattention.	5				
5	I would like to teach spelling, but I do not know the best way to do it.		4		1	
6	The English spelling system does not have clear rules.		1		4	
7	Students' carelessness is the main cause of spelling errors.		3	1	1	
8	There is a relationship between spelling and students' reading and writing abilities.	5				
9	Students' poor reading and writing proficiency are the cause of students' poor spelling.	2	2		1	
10	It is difficult to teach spelling, so I do not pay much attention to it.				2	3

Results for attitudes questionnaire

For each statement below please tick the option that most accurately reflects your personal opinion. SA=Strongly Agree, A=Agree, Neutral, D =Disagree, SD=Strongly Disagree

Appendix D

Results for practices questionnaire

Please choose from the items below the option that most accurately reflects your current practice in spelling instruction. If you use other strategies, please explain them on the lines below.

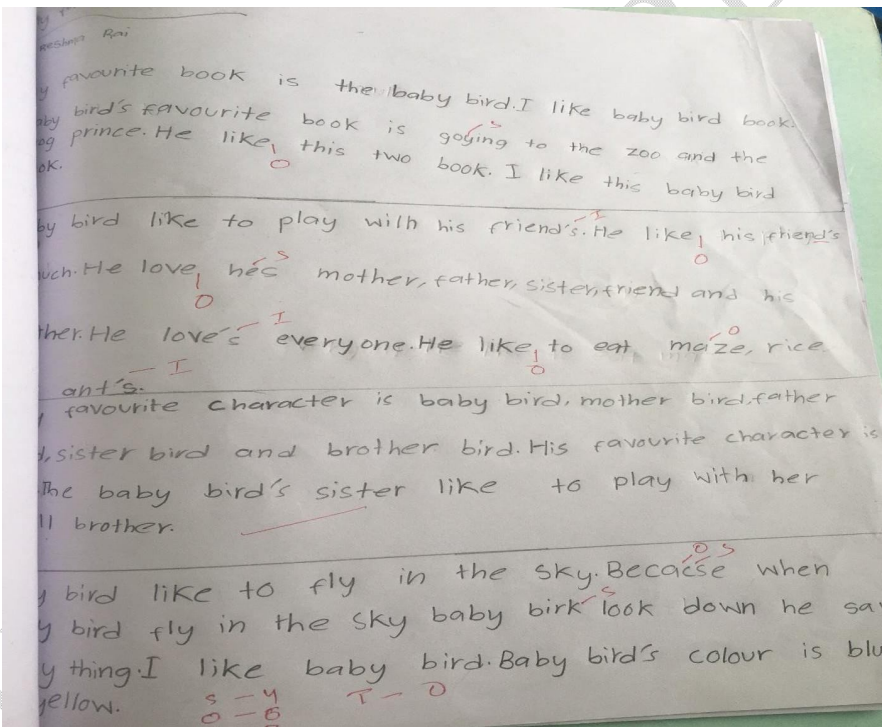
	Statement	Always	Often	Sometimes	Never
1	I make students copy new words they learn in their notebooks.	5			
2	I ask students to memorize words by letters or syllabus.	5			
3	I teach the spellings of new words constantly	5			
4	I revise spelling of new words before student writes the words.	3	2		
5	I devote part of my lessons to teaching spelling.	1	2	2	
6	I make students practice the spelling of the words they misspell by copying them a few times.	5			
7	I teach common spelling patterns that can be generalized and misspellings such as calendar for calender, their for there, truly for truely.	1	4		
8	I draw students' attention to irregular spelling and silent letters.	2	2	1	
9	I ask students to memorize words as complete wholes.	1	2	2	
10	I make students practice minimal pairs (broom, bloom, glow, grow, safe, save)		4	2	

Appendix E

Sample Students' essays

Choose one topic given below and write an essay about 150 words.

1. My school
2. My favourite fruit
3. My favourite book
4. My hobby
5. My mother



My hobbies s

is something we like to do in our life.
one has their own hobby. And I also have
my hobby.

My hobby is listening to BTS songs. There are
members in BTS. BTS is one of the
most popular bands in the world. I

From the 7 members the most popular
is Jk and he is my Best member. He is
kind and handsome. I know a lot of new
words by watching songs.

That's why we should not hate to
listen to songs. We should listen to songs
because we will learn more things. s

s - 3

o - 1

r - 0

i - 0

kharka

rewriting

150 words.

11 August, 2021

My favourite fruit

My favourite fruit is Mango I like other fruit but mango is fruit
 not tasty but mango is so tasty fruit. Other fruit
 is so tasty fruit other fruit are not so tasty fruit.
 is yellow in colour mango is green and orange. Many
 are colour is green and yellow orange mango is
 time.

we grow a mango but my village was not grow up mango
 time we grow up mango we were green in
 ur.

Mango is juice fruit other fruit are not juice but
 mango is juice fruit Mango was make a juice apple,
 orange are make a juice I like only mango juice.

- Mango have big in a ball
- Substitution - 1
 - Transposition - 3
 - Omission - 5
 - Insertion - 1

Mother Cheoyang

is that mother care us and
us if we have homework

will catch us. We will also
because mother will catch us

mother ~~had~~^s to play ~~with~~^s
other games. She ~~had~~^s to

like some ~~bad~~^s thing. She
like to care me and brother.

like to eat good
not the ~~bad~~^s
not like junkfood.
like to eat food.

mother looks like big ~~hair~~^s and soft ~~hair~~^s
is so cute ~~and~~^s long ~~size~~^s
black ~~hair~~^s my mother's ~~skin~~^s

so cute

mother favourite food is carrot
out is vitamin 2. My mother like
many food because there are
vitamin

Substitution - 6

12/8/2024

O - O

Tran - O

In - O

My hobby

As hobby is something like a talents, special abilities like sports, flexibilities and other special abilities. I also have a hobby.

My hobby is to grow things with my mother, reading books but my most enjoyed hobby is reading karma Tshiring my favourite Author the two most wonderful books A gift, and kado goes to the Tshier.

books are important because It teaches us important life lessons

Last year my boredom vanished because I had many amazing adventures with books

Substitution - 3

Omission - 5

Insertion - 0

Transposition - 0

2/8/2021

written by - Keatshe Ienah Pema

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