



INTERAK-E-BOOK: CONCEPTUAL APPROACH IN TEACHING THE PROPER AND APPROPRIATE FILIPINO GRAMMAR AND ANALYZING THE KNOWLEDGE AND PERFORMANCE OF STUDENTS

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ABSTRACT

This study entitled "Interak-E-Book: Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar and Analyzing the Knowledge and Performance of Students" used descriptive research. Its objective is to attain and deliver an effective and good communication skills particularly in comprehension and writing utilizing interak-e-book as conceptual approach in teaching the proper and appropriate Filipino grammar.

In accordance with the level of utilizing interak-e-book as conceptual approach in teaching the proper and appropriate Filipino grammar based on parts according to Objective, Development, Engagement, Assimilation, all of these indicators has a verbal interpretation of Very High.

On the other hand, the level of utilizing interak-e-book as conceptual approach in teaching the proper and appropriate Filipino grammar based on characteristic according to Accessibility and Appropriateness has a verbal interpretation of Very High.

Meanwhile, the level of the knowledge of performance of students based on comprehension has a descriptive equivalent of Moving Towards Mastery and has a verbal interpretation of Satisfactory. The level of knowledge and performance of students based on writing has a descriptive equivalent of Moving Towards Mastery and has a verbal interpretation of Satisfactory, too.

The Objective, Development, Engagement and Assimilation which are parts in utilizing e-book was not observed to have significant knowledge as conceptual approach in teaching the proper and appropriate Filipino grammar based on appropriateness as well as there is no significant knowledge in interak-e-book as conceptual approach in teaching the proper and appropriate Filipino grammar based on accessibility.

It was shown in the gathered data that the hypothesis, "There is a significant Effect of Interak-E-Book as Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar" was not accepted.

From the findings and conclusions formed, recommendations were as follows: (1) utilize and continue the interak-e-book as conceptual approach in teaching the proper and appropriate Filipino grammar, it is a good opportunity to learners, parents, and teachers the contribution of e-book to an innovative learning material in the teaching-learning process; (2) this study will serve as guide, source and/or derivative of ideologies and data that the school can be used; and (3) there can be new researches regarding this study that utilizes strong and stable internet connection for students' accessibility to see the more significant result of the study.

KEYWORDS: interactive e-book, accessibility, appropriateness, comprehension, writing, grammar, Filipino Research

1. INTRODUCTION

Many assumes that knowledge in grammar is not significant whether its verbal or written communication. It is far from the truth. This can lead to confusion and misunderstanding.

The Father of Tagalog Grammar, Lope K. Santos mentioned, "ang balarila ay bala ng dila." It refers to the study of structure and category of words, proper use of words, and the relationship of words in a statement to form a clear thought. It is important to know the extent of Filipino grammar because this depends on the clarity and effectivity of the statement.

According to Batnag, et al. (2012), in verbal and daily communication, it can be "so-so" of a few knowledge in grammar but the role of having knowledge about grammar is significant to an effective and artistic expression.

From the statements, the researcher formed the idea of teaching grammar lessons in an innovative way.

Due to rapid changes, there were lots of emerging technologies that can be seen anywhere. Thus, teachers should cope with the techies and Gen Zs that there has no other entertainment than gadgets like cellphone, computer, tablet, and others.

The statement mentioned has relevance to the citation of Calupig (2022) in his study entitled "E-Booklet Kwentuhan: Interbensyon sa Pagbasa at Pag-unawa Sa Maikling Kwentu," an e-book or also called electronic book is an electronic version of a traditional print book that can be read using personal computer, laptop, and android phone. Using computer, it can make documents that can be used in teaching as well as in writing that is related to education for school development and quality education.

This study includes lessons about the Filipino words that most used as wrong. This electronic book (e-book) was carefully

planned, thought-out, and premeditated to attain and deliver an effective and good communication skills particularly in comprehension and writing. It is expected that this will be helpful to the classroom needs in acquiring knowledge in Filipino also in developing the capability and skills of teachers and students for personal growth and professional benefit.

1.1 Statement of the Problem

To identify Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar and Analyzing the Knowledge and Performance of Students, this study is guided with the following questions:

1. What is the level of utilizing interak-e-book as a conceptual approach in teaching the proper and appropriate Filipino grammar based on parts according to:
 - 1.1 objective;
 - 1.2 development;
 - 1.3 engagement; and
 - 1.4 assimilation?
2. What is the level of knowledge of interak-e-book as a conceptual approach in teaching the proper and appropriate Filipino grammar based on characteristics according to:
 - 2.1 accessibility; and
 - 2.2 appropriateness?
3. What is the level of analyzing the knowledge and performance of students based on:
 - 3.1 comprehension; and
 - 3.2 writing?
4. Is there a significant effect on interak-e-book as a conceptual approach in teaching the proper and appropriate Filipino grammar and analyzing the knowledge and performance of students?

2. METHODOLOGY

The research design used by the researcher is descriptive. Alcantara (2015) defined that the descriptive method shows the true state of the variable that is not manipulated by the researcher. The purpose of this study is to measure the effectiveness of interak-e-book as a conceptual approach in teaching the proper and appropriate Filipino grammar to help students understand more the lesson.

The respondents in this research have a total number of respondents of one hundred and sixty-five (165) students from Grade 11 of Pagsanjan Integrated National High School, school year 2022-2023.

The researcher used Purposive sampling. Based on Dirain (2014) this sampling is the selection of the respondent based on the knowledge of the population. It is also called judge sampling because it is used where the authority will select respondents to get exact results. The respondents will be selected according to the needs of this study.

The mean and standard deviation will be used to determine the level of utilizing Interak-e-book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar based on Parts (according to Objective, Development, Engagement and Assimilation) and Characteristics (according to accessibility and appropriateness).

Interak-e-book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar based on Parts and Characteristics is paired in Analyzing the Knowledge and Performance of Students based on Comprehension and Writing. In this part, the data were calculated using Regression Analysis.

3. RESULTS AND DISCUSSION

Table 1. Level of Utilizing Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Parts According to Objective

Mga Pahayag	Mean	SD	Puna
<i>Naaangkop ang mga layuning nakasaad sa bawat paksa.</i>	4.93	0.26	Lubos na Katanggap-tanggap
<i>Ang mga layunin ay angkop sa nilalaman ng e-book.</i>	4.90	0.30	Lubos na Katanggap-tanggap
<i>Malinaw ang pagkakahalad ng mga layunin sa bawat paksang tinalakay.</i>	4.91	0.29	Lubos na Katanggap-tanggap
<i>Makatotohanan at nasusukat ang bawat layunin</i>	4.93	0.26	Lubos na Katanggap-tanggap
<i>Nakamit ang mga layuning nakasaad sa bawat paksang tinalakay.</i>	4.96	0.19	Lubos na Katanggap-tanggap

Overall Mean: 4.92

Standard Deviation: 0.26

Literal na paliwanag: Lubhang Mataas

As shown in the Table 1, in the Very High level of utilizing interak-e-book and in the view of the respondents, achieving the goals stated in each topic discussed obtained (M=4.96, SD=0.19) and realistic and measurable each objective has (M=4.93, SD=0.26). Although it was noticed that very high level of Understanding of Utilizing Interak-e-book, the statement with the lowest score is that the objectives are appropriate to the content of the e-book has (M = 4.90, SD =

0.30).

There is a total mean of 4.92, a standard deviation of 0.26 and it is shown that the level of Utilizing Interak-e-book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Part according to the Objective has a remark of Very Acceptable and a verbal interpretation of Very High.

Table 2. Level of Utilizing Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Parts According to Development

Mga Pahayag	Mean	SD	Puna
<i>Napauunlad ng mga gawain ang kasanayan sa layunin.</i>	4.98	0.15	Lubos na Katanggap-tanggap
<i>Napahuhusay ng mga gawain ang kasanayan sa layunin.</i>	4.97	0.17	Lubos na Katanggap-tanggap
<i>Nauunawaan ang nilalaman ng aralin.</i>	4.96	0.20	Lubos na Katanggap-tanggap
<i>Nalalaman ang mga dapat matutuhang aralin.</i>	4.98	0.15	Lubos na Katanggap-tanggap
<i>Natutulungang maunawaan ang bagong konsepto ng aralin.</i>	4.99	0.11	Lubos na Katanggap-tanggap

Overall Mean: 4.97

Standard Deviation: 0.16

Literal na paliwanag: Lubhang Mataas

Table 2 shows that in the Very High level of utilizing interak-e-book and in the view of the respondents, it helps to understand the new concept of the lesson obtained (M=4.99, SD=0.11) and the activities develop objective skills and knowing the lessons to be learned have (M=4.98, SD=0.15). Although it was observed that the level of understanding of utilizing Interak-e-book was very high, the statement with the lowest score understood the content of the lesson with (M = 4.96, SD = 0.20).

There is an overall mean of 4.97, a standard deviation of 0.16 and it shows that the Level of Utilizing Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Parts According to Development has a remark of Very Acceptable and a verbal interpretation of very high.

Table 3. Level of Utilizing Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Parts According to Engagement

Mga Pahayag	Mean	SD	Puna
<i>Napag-ugnay-ugnay ang mga natutuhan sa aralin</i>	4.97	0.17	Lubos na Katanggap-tanggap
<i>Nailalantad ang totoong sitwasyon/ gawain ng buhay na nagpapapalalim ng interes sa aralin.</i>	4.93	0.25	Lubos na Katanggap-tanggap
<i>Napagtitibay ang pang-unawa sa paksa</i>	4.96	0.20	Lubos na Katanggap-tanggap
<i>Napagtitibay ang kasanayan sa paksa.</i>	4.98	0.15	Lubos na Katanggap-tanggap
<i>Naisasalin ang bagong kaalaman o kasanayan sa tunay na sitwasyon o realidad ng buhay.</i>	4.97	0.17	Lubos na Katanggap-tanggap

Overall Mean: 4.96

Standard Deviation: 0.19

Literal na paliwanag: Lubhang Mataas

Table 4. Level of Utilizing Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Parts According to Assimilation

Mga Pahayag	Mean	SD	Puna
<i>Nakalilikha ng mga piraso ng impormasyon na magiging bahagi ng kaalaman sa pagbibigay ng repleksiyon, pag-uugnay o paggamit nang kabisaan nito sa alinmang sitwasyon o konteksto.</i>	4.98	0.13	Lubos na Katanggap-tanggap
<i>Napagsasama ang mga bago at lumang natutuhan.</i>	4.94	0.24	Lubos na Katanggap-tanggap
<i>Napagyayaman ang kaalaman o kasanayan sa natutuhang aralin.</i>	4.95	0.22	Lubos na Katanggap-tanggap
<i>Nagtuturo ng prosesong maipakita ang mga ideya, interpretasyon, pananaw, at/o pagpapahalaga.</i>	4.93	0.26	Lubos na Katanggap-tanggap
<i>Nasusukat ang antas ng pagkatuto sa pagkamit ng natutuhang layunin.</i>	4.99	0.11	Lubos na Katanggap-tanggap

Overall Mean: 4.96

Standard Deviation: 0.20

Literal na paliwanag: Lubhang Mataas

Table 4 shows that with a Very High Level of utilizing interak-e-book and in the view of the respondents, the level of learning measured in achieving the learning goal obtained (M=4.99, SD=0.11) and creating pieces of information that will be part of the knowledge in providing reflection, relating or using it

effectively in any situation or context has (M=4.98, SD=0.13). Although a Very High Level of Understanding of Using Interak-e-book was observed, the statement with the lowest score refers to the process of expressing ideas, interpretations, views, and/or values with (M = 4.93, SD = 0.26).

There is an overall mean of 4.96, a standard deviation of 0.20 and it shows that the Level of Utilizing Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Parts According to Assimilation

has a remark of Very Acceptable and a Verbal Interpretation of Very High.

Table 5. Level of Utilizing Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Characteristics According to Appropriateness

Mga Pahayag	Mean	SD	Puna
<i>Naaangkop ang mga gawain sa e-book batay sa layuning inaasahan.</i>	4.81	0.39	Lubos na Katanggap-tanggap
<i>Sumusuporta ang mga aralin sa e-book sa pagkatuto ng mga mag-aaral.</i>	4.83	0.38	Lubos na Katanggap-tanggap
<i>Madali at mabilis nauunawaan ang nilalaman ng e-book.</i>	4.82	0.39	Lubos na Katanggap-tanggap
<i>Nagdudulot ang e-book ng matagumpay na pagkatuto.</i>	4.90	0.30	Lubos na Katanggap-tanggap
<i>Nakatulong ang disenyo ng e-book sa pagkuha ng interes sa araling tinalakay.</i>	4.91	0.29	Lubos na Katanggap-tanggap

Overall Mean: 4.85

Standard Deviation: 0.35

Literal na paliwanag: Lubhang Mataas

As shown in Table 5, with a Very High Level of interak-e-book use and in the view of the respondents, the design of the e-book helped to get the interest in the subject discussed obtained (M=4.91, SD=0.29) and causes the e-book of successful learning has (M=4.90, SD=0.30). Although it was noticed that very high level of Understanding of the Use of Interak-e-book, the statement with the lowest score is appropriate e-book activities based on the purpose expected has (M = 4.81, SD =

0.39).

There is a total mean of 4.85, a standard deviation of 0.35 and it shows that the Level of Utilizing Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Characteristics According to Appropriateness has a remark of Very Acceptable and a verbal interpretation of Very High.

Table 6. Level of Utilizing Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Characteristics According to Accessibility

Mga Pahayag	Mean	SD	Puna
<i>Nakatutulong ang e-book bilang isang makabagong sanggunian sa pagkatuto.</i>	4.96	0.19	Lubos na Katanggap-tanggap
<i>Nagsisilbing gabay ang e-book upang mapadali ang pagkatuto ng mag-aaral.</i>	4.92	0.27	Lubos na Katanggap-tanggap
<i>Nakatutulong ang e-book sa mas madaling paraan at madaliang pangangailangan.</i>	4.81	0.40	Lubos na Katanggap-tanggap
<i>Madali at mabilis gamitin ang e-book kahit walang internet connection.</i>	4.94	0.24	Lubos na Katanggap-tanggap
<i>Mas madaling nakukuha ang atensyon at interes ng mga mag-aaral para sa epektibong pagkatuto.</i>	4.95	0.23	Lubos na Katanggap-tanggap

Overall Mean: 4.92

Standard Deviation: 0.28

Literal na paliwanag: Lubhang Mataas

Table 6 shows that in the Very High Level of Use of Interak-e-book and in the view of the respondents, the e-book is helpful as a modern reference in learning obtained (M=4.96, SD=0.19) and it is easier to get the attention and students' interest for effective learning has (M=4.95, SD=0.23). Although a very high level of Understanding of the Use of Interak-e-book was observed, the statement with the lowest score is that the e-book helps in an easier way and urgency has (M = 4.81, SD = 0.40).

There is a total mean of 4.92, a standard deviation of 0.28 and it shows that the Level of Utilizing Interak-E-Book as a Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar Based on Characteristics According to Accessibility has a remark of Very Acceptable and a verbal interpretation of Very High.

Table 7. Level of Analyzing the Knowledge and Performance of Students Based on Comprehension

Marka	Kabuoan	Bahagdan	Mapaglarawang Katumbas
96 - 100	24	14.55	Dalubhasa
86 - 95	53	32.12	Malapit at halos pumantay sa Dalubhasa
66 - 85	88	53.33	Gumagalaw patungo sa Dalubhasa
35 - 65	0	0.00	Katamtamang Dalubhasa
15 - 34	0	0.00	Mababang Dalubhasa
5 - 14	0	0.00	Napakababang Dalubhasa
0 - 4	0	0.00	Hindi Dalubhasa
Total	165	100	Kasiya-siya
Weighted Mean		84.32	
Pinakamababang Marka		66.67	
Pinakamataas na marka		100	
Standard Deviation		8.79	

As shown in Table 7, regarding understanding, it shows the Level of Knowledge and Performance of Students Based on Comprehension, out of a total of one hundred and sixty-five (165) respondents, the score "66 to 85" obtained a maximum number of eighty-eight (88) or 53.33% of the total respondents and had descriptive equivalent of Moving Towards Mastery. And the score "86 to 95" numbered fifty-three (53) or 32.12% of the total respondents and had descriptive equivalent of Closely Approximating Mastery. While the score "96 to 100"

got the lowest number of twenty-four (24) or 14.55% of the total respondents and has a descriptive equivalent to Mastered.

There is a total (Weighted Mean=84.32, SD=8.79) and (lowest score = 66.67, highest score = 100) shows that the Level of Knowledge and Performance of Students Based on Comprehension has a descriptive equivalent of Moving Towards Mastery and with a verbal interpretation of Satisfactory.

Table 8. Level of Analyzing the Knowledge and Performance of Students Based on Writing

Marka	Kabuoan	Bahagdan	Mapaglarawang Katumbas
96 - 100	21	12.73	Dalubhasa
86 - 95	27	16.36	Malapit at halos pumantay sa Dalubhasa
66 - 85	109	66.06	Gumagalaw patungo sa Dalubhasa
35 - 65	8	4.85	Katamtamang Dalubhasa
15 - 34	0	0.00	Mababang Dalubhasa
5 - 14	0	0.00	Napakababang Dalubhasa
0 - 4	0	0.00	Hindi Dalubhasa
Total	165	100	Kasiya-siya
Weighted Mean		81.03	
Pinakamababang Marka		60	
Pinakamataas na marka		100	
Standard Deviation		10.40	

Table 8 Shows The Level Of Analyzing The Knowledge And Performance Of Students Based On Writing, Out Of A Total Of One Hundred And Sixty-Five (165) Respondents, The Score "66 To 85" Scored The Highest Number Of One Hundred And Nine (109) Or 66.06% Of The Total Respondents And Have A Descriptive Equivalent Of Moving Towards Mastery. And The Score "86 To 95" Has A Number Of Twenty-Seven (27) Or 16.36.% Of The Total Respondents And Has A Descriptive Equivalent Of Closely Approximating Mastery. While The Score "35 To 65" Got The Lowest Number Of Eight (8) Or

4.85% Of The Total Respondents And Has A Descriptive Equivalent To Average Mastery.

There Is A Total (Weighted Mean=81.03, SD=10.40) And (Lowest Score = 60.00, Highest Score = 100) Shows That The Level Of Knowledge And Performance Of Students Based On Writing Has A Descriptive Equivalent Of Moving Towards In Expertise And Has A Verbal Interpretation Of Satisfactory.

Table 9. Significant Effect of Interak-E-Book as Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar and Analyzing the Knowledge and Performance of Students

Interk-E-Book	Pagganap	Beta Coefficient	t-stat	p-value	Analysis
Bahagi					
<i>Layunin</i>	Pag-unawa	0.2719	2.7563	0.0065	<i>Makabuluhan</i>
	Pagsulat	0.0380	0.4844	0.6288	<i>Hindi Makabuluhan</i>
<i>Pagpapaunlad</i>	Pag-unawa	0.3505	2.4559	0.0151	<i>Makabuluhan</i>
	Pagsulat	0.0206	0.1823	0.8556	<i>Hindi Makabuluhan</i>
<i>Pagpapalihan</i>	Pag-unawa	0.4282	3.3176	0.0011	<i>Makabuluhan</i>
	Pagsulat	0.0894	0.8639	0.3889	<i>Hindi Makabuluhan</i>
<i>Paglalatapat</i>	Pag-unawa	0.1732	01.4299	0.0016	<i>Makabuluhan</i>
	Pagsulat	-0.0270	-0.2860	0.7752	<i>Hindi Makabuluhan</i>
Katangian					
<i>Kaangkupan</i>	Pag-unawa	0.0037	2.0262	0.0444	<i>Makabuluhan</i>
	Pagsulat	0.0022	1.4288	0.1550	<i>Hindi Makabuluhan</i>
<i>Aksesibiliti</i>	Pag-unawa	0.0005	0.3136	0.7542	<i>Hindi Makabuluhan</i>
	Pagsulat	0.0009	0.7411	0.4597	<i>Hindi Makabuluhan</i>

The Objective, Development, Engagement and Assimilation parts in using the e-book was not observed to have significant knowledge and performance of the interactive-e-book as a conceptual approach in teaching the proper and appropriate Filipino grammar based on the performance of Comprehension. Generally, the p-values obtained are below the 0.05 level of significance. Although there was a non-significant knowledge of the interactive e-book as a conceptual approach in teaching the proper and appropriate Filipino grammar based on the performance of Writing. Generally, the p-values obtained are above the 0.05 level of significance.

Meanwhile, the Appropriateness and Accessibility characteristics of e-book use was not observed to have significant knowledge of interactive-e-book as a conceptual approach in teaching the proper and appropriate Filipino grammar based on the performance of Comprehension. Generally, the p-values obtained are below the 0.05 level of significance. Generally, the p-values obtained are above the 0.05 level of significance.

Therefore, it also shows that the hypothesis "There is a significant effect of Interak-E-Book as Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar and Analyzing the Knowledge and Performance of Students " was not accepted.

4. CONCLUSION AND RECOMMENDATIONS

Summarizing the findings, the conclusion is formed: The hypothesis, "There is a significant effect of Interak-E-Book as Conceptual Approach in Teaching the Proper and Appropriate Filipino Grammar and Analyzing the Knowledge and Performance of Students" was not accepted.

From the findings and conclusions formed, recommendations were as follows:

1. Utilize and continue the interak-e-book as conceptual approach in teaching the proper and appropriate Filipino grammar. It is a good opportunity to learners, parents, and teachers the contribution of e-book to an innovative learning material in the teaching-learning process.

2. This study will serve as guide, source and/or derivative of ideologies and data that the school can be used.

3. There can be new researches regarding this study that utilizes strong and stable internet connection for students' accessibility to see the more significant result of the study.

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