



**ENHANCING LEARNER'S MODULE USING ICT IN EDUKASYON SA
PAGPAPAKATAO FOR GRADE 4 PUPILS AT LEON M. MANIGBAS
ELEMENTARY SCHOOL: A BASIS FOR AN
INNOVATIVE PROJECT**

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ABSTRACT

This study sought to enhance the learner's module using ICT in Edukasyon sa Pagpapakatao 4. Specifically, it also identified that the teachers should consider the learner's interest in answering module in Edukasyon sa Pagpapakatao which can also be used by other teachers.

Further, the study used descriptive method of research through the collection of data using survey questionnaire about the learner's module provided by the Department of Education. The respondents of this study were the 16 Grade four pupils of Leon M. Manigbas ES who are currently taking Edukasyon sa Pagpapakatao as part of their curriculum. The statistical tools utilized in the study were weighted mean and ranking.

After summarizing all the findings, it revealed that the perception of learners on their module was it should support the lesson by providing colorful designs, illustrations, diagrams, and pictures that can further elaborate the topic and should indicate clear directions for each exercise and assessment to be used. However, most of the pupils rated the activities presented in the module was too many and the modules do not provide colorful designs, illustrations, diagrams, pictures that can further elaborate the topic. Furthermore, this study recommends that

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enhancing learner's module using ICT i.e Ebook and ManyChat may be used in teaching even in other areas. Lastly, the researcher came up with an enhanced learner's module as an instructional material to help the learners in answering their module of Edukasyon sa Pagpapakatao 4 and to ensure its application in the teaching-learning process.

Keywords: *Edukasyon sa Pagpapakatao, ICT, E-book, ManyChat*



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INTRODUCTION

Information Communication and Technology has become integral to the teaching-learning interactions and in the lives of students especially during times of pandemic when they are at home. Technology has become more widely used by students to communicate and the potential of using ICT not just in the classroom but also at home could help to solve the communication problems in education. If teachers can learn to apply ICT, students may remember important details that could help to improve learning outcomes. The new modes of communication such as text messaging, social media websites (Facebook and Twitter), course management systems (Classroom Management Systems; Schoology and Edmodo), online mobile photo and video sharing services (Skype and Instagram) and other digital educational applications of ICT have changed how teachers communicate with students and parents.

Our society is becoming more dependent on technology, and it is the responsibility of teachers to integrate technology into their instruction. Teachers must also understand the benefits of using technology with communication on student learning and achievement. Even though there is little known about ICT and its impact on student learning, the use of ICT can strengthen the relationships teachers have with their students and their student's parents.

Meanwhile, instructional materials are one of the important factors in delivering the lesson as these can increase the learner's achievement. These learning materials act as a guide for both the teacher and student for these can provide a valuable routine.

However, with the today's situation in which face to face classes were not possible, teachers have some difficulties in terms of engaging the learners' interest although instructional material is present.

On the other hand, Edukasyon sa Pagpapakatao is part of the K to 12 curriculum of Department of Education. It has been neglected by some teachers and learners because they are focusing to the major subjects such as English, Science and Mathematics. Some teachers are

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struggling in the said subject area to incorporate value integration and moral lesson to the learners since the instructional material is limited at the same time in adequate to learners' needs.

Therefore, the researcher decided to conduct a study in enhancing learner's module using E-book and ManyChat by Facebook in Edukasyon sa Pagpapakatao for Grade Four pupils in Leon M. Manigbas ES to stimulate the learners' interest in answering the learner's module at the same time change its view point and be able to enjoy and love the subject.

MATERIALS AND METHOD

The main purpose of this study was to enhance the learner's module using ICT in Edukasyon sa Pagpapakatao of Grade Four Pupils at Leon M. Manigbas Elementary School.

The researcher used descriptive method of research utilizing a questionnaire for the learners. The design was used because it was suited on the objectives of the study.

a. Participants and/or other Data of Information

The study was limited to the responds of the 16 pupils from Grade IV (12 males and 4 females) who were chosen as respondents from Leon M. Manigbas Elementary School, San Jose, Rosario, Batangas.

b. Data Gathering Method

The researcher considered the following procedures to achieve the objectives of the study following the health protocols being implemented by the IATF.

The researcher considered the use of some reference materials, related research studies and other reference materials about the topics. It was followed by seeking the approval of the school

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head to conduct a research. This was done to gather information without violating the ethical duty of confidentiality.

After seeking the approval of the school head, a questionnaire was sent to the group chat of Grade 4 pupils of Leon M. Manigbas ES using google forms.

c. Data Analysis Plan

This part discusses the presentation and analysis of data based answers of the pupils gathered from Grade four at Leon M. Manigbas Elementary School. The following statistics were used to interpret data.

Weighted mean. This was used to identify the verbal interpretation of each indicator in the questionnaire for the learner’s module in Edukasyon sa Pagpapakatao 4.

Frequency. This was used to determine the number of learners who answer each indicator in the questionnaire.

RESULTS AND DISCUSSION

This data presents in tabular form supported with corresponding interpretation.

1. Perception of Grade 4 pupils in their modules

Table 1. Present the rating according to the perception of the grade 4 pupils in the modules.

Table 1

Perception of Grade 4 pupils in a module

Indicators	WM	I
1 The module should stimulate the interest of the learners.	2.50	G
2. The module should provide a clear view of the topic.	2.31	G

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3. The module should give examples to further the lesson.	2.63	VG
4. The module should support the lesson by providing colorful designs, illustrations, diagrams, pictures that can further elaborate the topic.	2.75	VG
5 The module should indicate clear directions for each exercise and assessment to be used.	2.75	VG
6. The module should address my needs in terms of lesson, comprehension of topics.	2.44	G
Composite Mean	2.56	VG

Legend: Excellent (E) – 3.51 – 4.00, Very Good (VG) - 2:51 – 3:50, Good (G) – 1.51 – 2.50, Poor (P) - 1.00 – 1.50

Table 1 shows the indicators for perception of Grade 4 pupils in a module have a composite mean of 2.75 with a verbal interpretation of very good. It was shown that majority of the pupils rated the module should support the lesson by providing colorful designs, illustrations, diagrams, pictures that can further elaborate the topic and should indicate clear directions for each exercise and assessment to be used with a weighted mean of 2.75 with a verbal interpretation of very good. It was also shown that the module should give examples to further the lesson with a weighted mean of 2.63 with a verbal interpretation of very good. Moreover, the module should stimulate the interest of the learners, module should address my needs in terms of lesson, comprehension of topics The module should provide a clear view of the topic got a weighted mean of 2.50, 2.44 and 2.31 respectively. They got a weighted mean of good.

With this, the findings suit to Salviejo et al. that the use of colorful material is effective in terms of improving students' performance and learning approach. The least learners' performed equally well as the sharp learners' when illustrations, diagrams, pictures were used.

On the above-mentioned information, the utilization of colorful designs, illustrations, diagrams, pictures can significantly increase the performance of the students in the least mastered skills. Also, it is important that there is a clear direction for each exercise and the assessment to be used. These studies revealed that the use of instructional materials plays a vital

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role in elevating the memory level of the students, in grasping the different concepts, and with the integration of various strategies in the implementation of the material, the teaching-learning process becomes interesting.

2. Problems encountered by pupils encountered by Grade 4 pupils in answering their module

Table 2. Present the result of the problems encountered by pupils encountered by Grade 4 pupils in answering their module.

Table 2
Problems encountered by pupils in their existing module/ Leap

Indicators	WM	VI
1. The modules do not deliver on time..	1.81	A
2. The modules do not stimulate the interest of the learners	2.94	MA
3 The modules do not provide colorful designs, illustrations, diagrams, pictures that can further elaborate the topic	3.06	MA
4. Lack of learning facilitator because the parents/ guardians are working.	2.19	A
5. The activities presented in the module was too many.	3.13	MA
Composite Mean	2.63	MA

Legend: Strongly Agree (SA) – 3.51 – 4.00, Moderately Agree (MA) - 2:51 – 3:50, Agree (A) – 1.51 – 2.50, Disagree (DA) - 1.00 – 1.50

Table 2 shows the indicators about the problems encountered by pupils in their existing module/ LeaP with the composite mean of 2.63 with the verbal interpretation of moderately

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agree. It was shown that most of the pupils rated the activities presented in the module was too many which got a rating of 3.13 with a verbal interpretation of moderately agree and the modules do not provide colorful designs, illustrations, diagrams, pictures that can further elaborate the topic got 3.06 with a verbal interpretation of moderately agree. Also, the modules do not stimulate the interest of the learners got a weighted mean of 2.94 with a verbal interpretation of moderately agree. However, lack of learning facilitator because the parents/ guardians are working, the modules do not deliver on time got a weighted mean of 2.19 and 1.81 with a verbal interpretation of agree respectively.

With this, the findings suit to Salviejo et al. that the use of colorful material is effective in terms of improving students' performance and learning approach. The least learners performed equally well as the sharp learners' when illustrations, diagrams, pictures were used.

The findings also support Lloyd's study that the instructional material administered in some studies was categorized based upon the type of interest of the learners. Studies were also coded based upon on the instructional material that was used to help improve student's academic outcomes.

3. Proposed innovation to further enhance the learner's module of Edukasyon sa Pagpapakatao 4

The researcher constructed an innovation to enhance a learner's module in Edukasyon sa Pagpapakatao 4 to stimulate the interest of the pupils respectively. This was essential in helping the researcher and the future educators to have a systematic process of inculcating the information with enthusiasm which needed in understanding the subject Edukasyon sa Pagpapakatao.

Likewise, it is associated with colorful designs, illustrations, diagrams, pictures that can further elaborate the topic. It is presented in digital form, using an Ebook application. Moreover,

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the discussion and different activities are all part of stimulating learner’s interest and curiosity are increasingly stimulated as learning take place.

In addition, using chatbot such as ManyChat also used in transferring the learnings to the learners and can give an on-time feedback and assessment using their cellphones. They can easily access this chatbot using their free data. Further, this assessment tool is indicated to evaluate each activity with reliability and consistency.

Another strategy that the teacher can use is by using DepEd Etulay and watching DepEd TV to help the learners in answering their module not only in ESP but in all subject areas.

4. What is the impact of enhancing the modules in their 3rd quarter result in Edukasyon sa Pagpapakatao 4

Table 3
Result of Quarterly Assessment

Pupils	2nd Quarter	3rd Quarter
1	76.00	85.00
2	79.00	85.00
3	84.00	85.00
4	83.00	85.00
5	85.00	85.00
6	84.00	86.00
7	88.00	84.00
8	91.00	91.00
9	75.00	70.00
10	84.00	86.00
11	86.00	86.00
12	82.00	85.00
13	76.00	77.00
14	90.00	90.00

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15	86.00	86.00
16	91.00	91.00
Average	83.75	84.81

Table 3 shows the result of the quarterly assessment in Edukasyon sa Pagpapakatao. It shows that it enhancing the modules have a great impact in their quarterly grades because majority of the pupils increase their grades. Aside from it, pupils also improve their reading comprehension as show in the midyear reading assessment conducted this school year. Gradually, they developed a genuine love for reading.

CONCLUSIONS AND RECOMMENDATIONS

This part presents the conclusions and recommendations of the study.

Conclusions

Based on the findings, the following conclusions could be drawn:

1. The perception of the Grade 4 pupils was the module should support the lesson by providing colorful designs, illustrations, diagrams, pictures that can further elaborate the topic and should indicate clear directions for each exercise and assessment to be used
2. One of the problems encountered by the pupils were the activities presented in the module was too many and it did not provide colorful designs, illustrations, diagrams, pictures that can further elaborate the topic.
3. The instructional material, an enhanced learner’s module using Ebook and Manychat, stimulates the learners’ interest in answering the module in Edukasyon sa Pagpapakatao

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Recommendations

Based on the findings and conclusions of the study, the following recommendations were drawn:

1. Teachers may consider the interest of the learners in answering the module in Edukasyon sa Pagpapakatao and should support the lesson by providing colorful designs, illustrations, diagrams, pictures that can further elaborate the topic and should indicate clear directions for each exercise and assessment to be used.
2. Enhanced learner's module may be used in stimulating learners' interest and answering their modules with enthusiasm even the teachers or parents are not around.
3. The enhanced learner's module using Ebook and Manychat as an instructional material may be presented to the school head and to the faculty who are teaching Edukasyon sa Pagpapakatao and other related field for its application in the teaching-learning process.
4. A similar study may be conducted to further enrich the findings of the study.

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