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UTILIZING INSTRUCTIONAL VIDEOS AND EDUCATIONAL GAMES USING TABLET IN IMPROVING THE ACADEMIC ACHIEVEMENT OF THE GRADE 5 LEARNERS IN MATHEMATICS FOR THE SECOND QUARTER Dalisy M. Illut

ABSTRACT

As we create bridge to address the gaps and losses caused by the existence of COVID19, and to draw line that connects and support the present program of school, the Enhancement Program in Mathematics also known as ENPROMA since last School Year, wherein selected learners are exposed to some instructional videos and educational games in Mathematics during recess. This is one of the chosen alternatives that was designed for remediation to acquire mastery of the target skills within the learning area under the Second Quarter Period, with the use of weekly test to regularly monitor the selected learners.

This study aimed to improve the mastery of the selected learners on the learning competencies under the Second Quarter. The researcher used and analyzed the result of the Pre-Test Assessment in Mathematics, and it turned out that 34.79% of the pupils fall under Low Mastery.

Thus, the researcher made use of feasible means that will mend the identified gap. The researcher made use of instructional videos and educational games using tablet as intervention device. The descriptive method and the mean percentage was used to measure the mastery and the improvement of the selected learners. Based on the result of the Post Assessment, there was a decrease in the number of learners under low mastery and an improved number of learners between Average and Moving Toward Master.

KEY CONCEPT: Post Assessment, ENPROMA, Moving Toward Mastery (MTM)

INTRODUCTION

Amidst changes from this notable era, the learners tend to divert their attention and to embrace another phase of transition. The learners of this SY 2022-2023 experienced the face-to-face modality where in the learning took place inside the real classroom. The only left common was the 21st Century Skills Learning Competencies, but eventually the teacher deter into definitive budget of work anchored and aligned from the required learning competencies under the Mathematics subject. With this, teachers capacitated themselves into diverse genre in order to meet the needs of their learners.

As we indulge ourselves into number, as it is expresses in the safest and perceptible way. Real outcome into learner is to sense fear in any form of calculations. Considered this as a challenge that relies on the hands of the teacher who is assigned to teach Mathematics, the motivator of the class, they must be able to encourage the learner not to feel the distress but inspire them.

Based on the result of the Pre-assessment test it turned out that 34.79% of the pupils fall under Low Mastery, and the goal is to make a leap to another level to meet Moving Toward Mastery. That is why the researcher decided to assist the learner of Grade 5 through the application of the Project ENPROMA of the school, use of instructional videos and educational games using tablet as intervention device

STATEMENT OF THE PROBLEM

This research aimed to improve the academic achievement of the grade 5 learners in Mathematics by utilizing instructional videos and educational games using tablet for the second quarter.

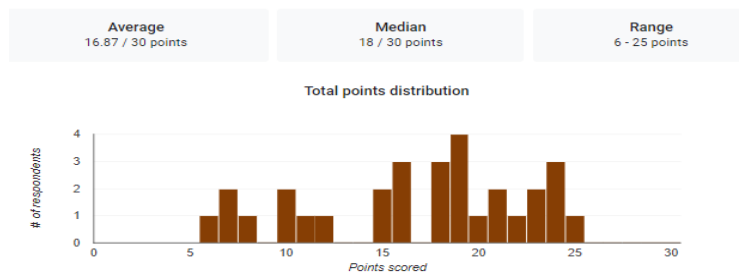
Specifically, this study sought to answer the following:

- How can the utilization of instructional videos and educational games using tablet help in improving the academic achievement of Grade 5 learners in Mathematics for the Second Quarter? under the Second Quarter Period?

METHODOLOGY

The methodology used in this research is the descriptive method. Thirty pupils were divided into three groups which were composed of ten learners per section. Weekly test was given to them to monitor their performance. A regular monitoring instrument was used to track their participation. Application of this was based on the schedule before their regular class, with a maximum of 60 minutes and minimum of 30 minutes.

RESULTS AND DISCUSSIONS



The table shows the number of selected learners who took the pre-test in Mathematics with 30 item tests covering the Second Quarter. Out of 30 learners there are 5 or 16.67% learners who categorized as Low Mastery, 12 or 40% learners who able to attained the Average mastery level and 13 or 43.33% number of learners who able to Move Toward Mastery, and from there based from the result of Pre-assessment test which is 34.79%, and it shows a 48.54% increment in terms Mastery level and decreasing level in low mastery of 18.12%.

And based from the given post- test for 30 learners, the average of the scores of the learners is 16.87, which is equal to 56.22% as their Mastery level for having been exposed to video trimmings, games and activity sheets in order to improve their skills in Mathematics.

CONCLUSION

Utilizing the tablet anchored with the Project ENPROMA in a class on/off the sessions, and activity sheets can sustain and lift the interest of the learner to accomplish and perform the activities. This lead to improved academic achievement of the learners.

RECOMMENDATIONS

- That video trimmings/clippings can also support in imparting skills in order to improve their understanding in the specific topics under the Second Quarter.
- That the subject-teacher, learner and Teacher-in-charge can collaborate with one another in order to protect and support the learner's needs.
- That utilizing Mathematics video lessons online/offline can help the learner to understand and advance them in cited skills/competencies.

REFLECTION

The researcher realized that the use of short, captured film is useful in helping the learner achieve mastery of the 3 fundamental operations that are aligned in the curriculum.

REFERENCE:

WES Project ENPROMA

Approved:

MR. BENJAMIN C. PEREZ
Principal-WES

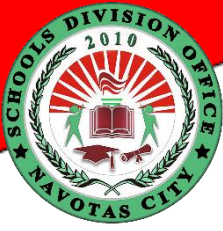
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