



UTILIZING MATHEMATICS VIDEO LESSONS AND ACTIVITY SHEETS IN IMPROVING THE MASTERY OF THE 3 FUNDAMENTAL OPERATIONS IN MATH OF THE SELECT GRADE 5 LEARNERS

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ABSTRACT

The presence of COVID19 in our country led the educators to think of possible way to increase the academic improvement of the learners. Hence, Wawa Elementary School as one of the institutions of Navotas City, aim to help and assist the learners who are tasked to stay at home to avoid being infected of COVID19 and still be updated with the lesson. We all know that, Mathematics subject as a discuss more on numbers and solving problem skills in every grade level works with wonder on how a certain learner capacitate his/herself in solving it in such a way there is no fear and uncertainties.

As the School Year of 2020-2021 opens, the Grade 5 Teachers of Wawa Elementary School came up with a project to aid the difficulties of learners in performing the 3 fundamental operations in Mathematics. Utilization of video lessons and activity sheets plays a significant key in order to improve the skills of select learners in three of the 4 Fundamental operations in Mathematics, namely Addition, Subtraction and Multiplication. Video lessons and activity sheets were uploaded in the created Facebook page of Grade 5, to serve as a channel to link with the learners and their parents. Pretest and Posttest in the form google quiz were made to easily track the learners' test result of selected learners who attained or did not attain the mastery level.

Thus, the researchers are positive that this scheme is a success, and utilization of video lessons and activity sheets are a great help in instilling learnings despite of this challenging situation.

Key Concepts: fundamental operations, video lessons, improve

INTRODUCTION

The existence of this pandemic issue of COVID19 tends to battle not only through economic crisis, but to academic predicament. Hence, our government still not waived it trust to make the Educational System into shattered, but think of possible way to upgrade the opportunity for the learners to learn or acquire knowledge while staying at home. From chalk and board system, virtual class campaign awaken, from face to face, the lesson was executed through virtual process, the use of internet and gadget was encouraged but with the aligned modification in the Learning Modality.

Each institution like family and school was encourage to make their child to continue attending the class despite of the current trend of the situation brought by COVID19.

From here, the Grade Five teachers of Wawa Elementary School, decided to make a project wherein the learners that shows low mastery in three fundamental operations will have chance to improve their counting and computing skills. Utilization of mathematics video lessons & activity sheets in improving the mastery of the 3 fundamental operations in Math of the selected grade 5 learners was executed.

STATEMENT OF THE PROBLEM

The main purpose of this study is to determine the effect of utilizing Mathematics video lessons and activity sheets in the pupil's performance and treatment to assist the learners to improve the level of their mastery in performing the 3 fundamental operations in Mathematics.

Specifically, it sought an answer to the following questions:

1. What was the basis why this problem was undertaken?
2. How does video lessons and activity sheets able to assist them to improve their mastery level?

METHODOLOGY

The methodology used in this research is the descriptive method wherein the record of the learner's data from the pre-test was compared after two (2) months of utilizing video lessons and activity sheets in improving the analyzing skills of selected learners of Grade 5. Records of views from the WES Grade 5 page was recorded and monitored, post-test was analyzed and compared from the previous test.

RESULTS AND DISCUSSIONS

Pre and Post Test Result			
	Addition	Subtraction	Multiplication
Pre-Test Boys	14	15	18
Pre-test Girls	6	12	17
Post Test Boys	12	12	12
Post Test Girls	6	12	13
No. Learners who did not attained the Mastery Level Boys	2	3	6
No. Learners who did not attained the	0	0	4

The table shows the number of select learners who took the pre-test in Mathematics with 10 items for each operations. Out of 76 learners, there are 35 learners who did not attain 75% mastery in Multiplication, 27 learners who did not attain mastery level in Subtraction and 20 in Addition. However, when the post- test was given after being exposed to video lessons and activity sheets, 90% of the learners gained the mastery level in Addition, 24 or 88.89% were able to attain the mastery level in Subtraction, and lastly 25 or 71.43 % attained the mastery level in Multiplication.

CONCLUSION

Utilizing video lessons and activity sheets can support and boost the interest of the learner to attend and learn the fundamental operations in Mathematics even if they are at home.

RECOMMENDATIONS

- That virtual teaching strategy can also instill learning just to improve their understanding in Mathematics subject of our learner despite of the new learning system.
- That the parent and teacher collaborate with one another in order to assist and support the learner's needs.
- That utilizing Mathematics video lessons online/offline can help the learner to understand and do Mathematical computation using Addition, Subtraction and Multiplication as operations.

REFLECTION

The researchers realized that Mathematics video lessons and activity sheets are good innovations to address the learners' difficulties in performing the 3 fundamental operations in Mathematics, with the proper guidance of teachers and parents collaboratively, despite being unable to physically attend in school.

REFERENCES: <https://www.hindawi.com/journals/cdr/2012/876028/#introduction>
 Maria de Lourdes Mata, Vera Monteiro, and Francisco Peixoto
 ISPA, Instituto Universitario, UIPCDE, Rua Jardim do Tabaco 34, 1149-041 Lisboa, Portugal





Subtraction of Large Numbers

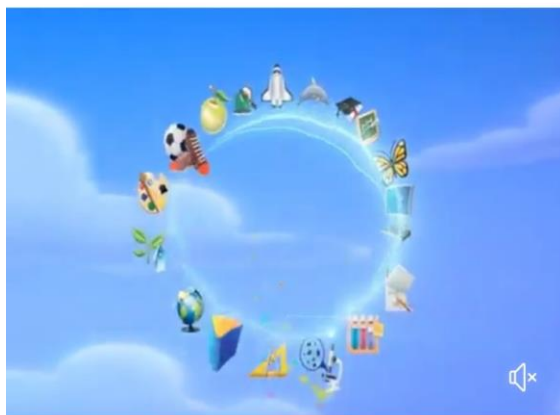


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Multiplication of Larger Numbers



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