



CITIZEN JUAN BROCHURE: A PRINTED SUPPLEMENTARY LEARNING RESOURCE FOR LEARNER'S IMPROVEMENT IN ARALING PANLIPUNAN

Jonathan S. Aranza

Schools Division Of Laguna

ABSTRACT

This study aimed to evaluate the effectiveness of the Citizen Juan Brochure as an additional supplementary learning resource in improving the performance of Grade 10 learners in Araling Panlipunan. The research questions were: (1) What is the mean level of learners' performance before the use of the Citizen Juan Brochure printed learning resource? (2) What is the mean level of learners' performance after the use of the Citizen Juan Brochure printed learning resource? and, (3) Is there a significant difference between the mean level of learners' performance before and after the use of the Citizen Juan Brochure printed learning resource?

The participants were the forty-six (46) Grade 10-Ipil learners. A teacher-made pre-test was administered before using the Citizen Juan Brochure, followed by a post-test after its utilization. Mean (M) and Standard Deviation (SD) were utilized to determine the level of learners' performance before and after using the Citizen Juan Brochure. To determine the significant difference in learners' performance before and after applying the Citizen Juan Brochure, a t-test was used.

The results showed that out of forty-six (46) learners, only twenty-nine (29) achieved very satisfactory scores while seventeen (17) scored outstandingly high on post-tests compared to pre-tests. The mean score increased significantly from satisfactory to very satisfactory as well as the standard deviation. Therefore, it can be concluded that usage of the Citizen Juan Brochure has resulted positively in students' learning outcomes. Also, it is recommended that the printed supplementary material may be used in remedial and enhancement classes.

KEYWORDS: *Citizen Juan Brochure; Student Performance Improvement.*

CONTEXT AND RATIONALE

The Department of Education continuously improves and innovates the learning service delivery by conducting a series of seminars and training workshops that hone the teachers in crafting lesson exemplars, learning resource materials, assessments, and the like. The results of reaching out to learners and parents with education included developing modules, Continuous Improvement Plans, and learning packages. Notwithstanding the distribution of these modules, learning resources, and interventions, students continued to receive lower grades or fail to complete the required tasks.

According to Modesto as cited by Ayado and Berame (2022), the development of Supplementary Learning Materials (SuppMats) are alternative learning materials that are initiated by the teachers in motivating them for promotion and giving them a way to contextualize materials for different regions and diversity of learners.

From the study conducted by Nurlaela, Siti & Widiyanto, Mohammad. (2018) they concluded that the use of Tourism Brochure as a medium significantly enhances students writing report text. Moreover, the writer suggests to teachers to use Tourism Brochure as a media to make it easy and help students write report text and explore their ideas, so that they are motivated to study English.

Answering the issue about the significant difference in learners' mean scores on quizzes under three scenarios (not receiving brochures, receiving brochures on the day of the discussion, and receiving brochures beforehand), it was found that handling brochures to learners before the day of the discussion results into significantly high scores in quizzes compared to not giving them brochures or giving them the brochures on the day of the discussion. (Pascual, 2022)

Quesea (2020) found out on her study that the rate of increase between the means and MPS of both pretest and posttest results (99.08) implied that the use of E-Brochure (Electricity-Brochure) as supplementary materials is found effective.

Developed Supplementary Learning Materials are additional or alternative printed or non-printed materials used for both distance learning and face-to-face classes to promote motivation and to help the students to master competency-based skills on Most Essential



Learning Competencies (MELC's) that were not developed during the making of Alternative Learning Modalities (ADM) known as DepEd modules (Llego, 2020).

In this action research, the researcher seeks to determine the Citizen Juan Brochure's effectiveness as an additional printed supplementary learning resource in improving the performance of the Grade 10 learners in Araling Panlipunan on the topic of Citizenship during the fourth quarter of the school year 2022–2023.

INNOVATION, INTERVENTION, AND STRATEGY

This action research proposed to develop a printed Citizen Juan Brochure, a supplementary learning resource as an intervention to improve the performance of Grade 10 learners in Araling Panlipunan on the topic of Citizenship.

RESEARCH QUESTIONS

This action research will determine the effect of using the Citizen Juan Brochure as an additional supplementary learning resource in improving the performance of Grade 10 learners on the topic of Citizenship in Araling Panlipunan.

Specifically, it will seek to answer the following questions:

1. What is the mean level of learners' performance before the use of the Citizen Juan Brochure printed learning resource?
2. What is the mean level of learners' performance after the use of the Citizen Juan Brochure printed learning resource?
3. Is there a significant difference between the mean level of learners' performance before and after the use of the Citizen Juan Brochure printed learning resource?

CONCEPTUAL FRAMEWORK

This research was conceptualized to assess the effectiveness of the Citizen Juan Brochure as an additional printed supplementary learning resource in improving the performance of the Grade 10 learners in Araling Panlipunan on the topic of Citizenship during the fourth quarter of the school year 2022–2023.

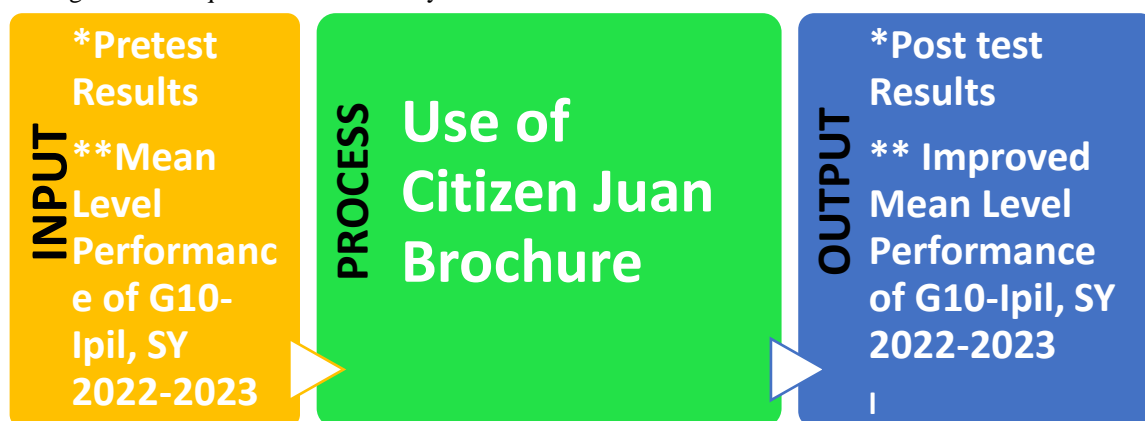


Figure 1. It shows the process of how the study was conducted. After the administration of the pretest, Citizen Juan Brochure was given. Post-test results showed that all learners got improved scores.

ACTION RESEARCH METHODS

This part includes the methods and procedures used in the entire study. It consists of the target participants, data gathering method, and data analysis plan.

A. Participants and/or other Sources of Data and Information

The sample will be composed of forty-six (46) Grade 10-Ipil learners in Araling Panlipunan. These students are enrolled in grade 10 for the school year 2022-2023.

B. Data Gathering Method

A teacher-made pretest was administered before the use of the proposed supplementary learning resource and a posttest test after the Citizen Juan brochure was utilized.

The teacher used the Citizen Juan Brochure as an additional supplementary printed learning resource to improve students' performance on the topic of Citizenship in Araling Panlipunan. The scores were collected, analyzed, and interpreted so as to verify the effectiveness of the use of teacher-made brochure.



DISCUSSION OF RESULTS AND REFLECTION

This chapter presents the presentation, analysis, and interpretation of the data based on the research questions.

Table 1. Level of Learners’ Performance Before the Use of the Citizen Juan Brochure Printed Learning Resource

Score Range	Before		Verbal interpretation
	f	Percentage	
13-15	0	0.00%	Outstanding
10-12	6	13.04%	Very Satisfactory
7-9	23	50.00%	Satisfactory
4-6	17	36.96%	Fairly Satisfactory
1-3	0	0.00%	Poor
Total	46	100.00%	
Mean: 7.09			SD: 1.66
Verbal Interpretation: Satisfactory			

The result shows that out of 46 learners, 0 (0.00 %) garnered an outstanding score, 6 (13.04 %) garnered a very satisfactory score, 23 (50.00 %) garnered a satisfactory score, 17 (36.96 %) garnered a fairly satisfactory score, 0 (0.00 %) garnered a poor score. This implies that 17 (36.96 %) of Grade 10 learners are underperforming.

The level of learners’ performance before the use of Citizen Juan Brochure attained a mean score of 7.09 and a standard deviation of 1.66 which was interpreted as satisfactory.

Table 2. Level of Learners’ Performance After the Use of the Citizen Juan Brochure Printed Learning Resource

Score Range	After		Verbal interpretation
	F	Percentage	
13-15	17	36.96%	Outstanding
10-12	29	63.04%	Very Satisfactory
7-9	0	0.00%	Satisfactory
4-6	0	0.00%	Fairly Satisfactory
1-3	0	0.00%	Poor
Total	46	100.00%	
Mean: 12.39			SD: 1.31
Verbal Interpretation: Very Satisfactory			

The result shows that out of 46 learners, 17 (36.96 %) garnered an outstanding score while only 29 (63.04 %) garnered a very satisfactory score. The level of learners’ performance after the use of Citizen Juan Brochure attained a mean score of 12.39 and a standard deviation of 1.31 which was interpreted as very satisfactory.

The result suggests that the usage of Citizen Juan Brochure has resulted in very satisfactory learner performance, as evidenced by the high percentage of learners achieving very satisfactory scores and supported by the mean and standard deviation scores. It also implies that using this additional printed learning resource could be beneficial for improving learner performance.

Table 3 shows the significant difference between learners’ performance before and after the use of the Citizen Juan Brochure printed learning resource.



Table 3. Level of Learners' Performance Before After the Use of the Citizen Juan Brochure Printed Learning Resource

Before Using the Citizen Juan Brochure printed learning resource	After Using the Citizen Juan Brochure printed learning resource	Mean Difference	df	Computed t-value	p-value	Interpretation
Mean	Mean					
7.09	12.39	5.3	45	-17.03893	<0.00001	Significant
*p<0.05						

The result shows a significant difference between learners' performance in scaling before and after the use of the Citizen Juan Brochure Printed Learning Resource at p<0.05.

The learners' performance garnered a mean of 7.09 before the use of the Citizen Juan Brochure printed learning resource which is lower than the mean of 12.39 with the aid of Citizen Juan Brochure.

There is a 5.3 increase in mean with the use of the Citizen Juan Brochure which proved that the use of the additional printed learning resource affects the learners' performance in a positive way. The computed t-value of 17.03893 exceeded the critical t-value of 0.00001 at this level of significance using the degrees of freedom equal to 45.

From the findings, we can infer that at 0.05 level of significance, the null hypothesis "There is no significant difference between the mean level of learners' performance before and after the use of Citizen Juan Brochure printed learning resource" is rejected. Thus, the alternative should be accepted which indicates that there is a **significant difference**.

Recommendations

The findings led to the following recommendations:

1. For other G10 learners to have an easier time understanding the topic of citizenship, the researcher highly recommends the use of the Citizen Juan Brochure as supplementary material. It may even be extended to learners who are absent from class due to sickness and attending competitions.
2. This printed supplementary material may be used in remedial and enhancement classes, and different learning modalities.

Reflection

Action research gives the researcher the chance to apply what the researcher has learned the way he teaches. Additionally, action research allows him the ability to evaluate his own methods and learner's skills in order to determine what works and what doesn't. The researcher's knowledge and teaching and learning skills have improved through action research.

Both the process and the results of our own action research will teach us a lot. We can obtain a better understanding of our own teaching, the students' learning, and their confidence in our work by conducting our own action research.

ACTION PLAN

The result of this research will be disseminated and utilized following the activities below.

DISSEMINATION ACTIVITIES	July 2023	Aug. 2023	Sept. 2023	Oct. 2023	Nov. 2023
1. Reporting and Sharing the Result through LAC Session					
2. Rolling Out the Result to other Grade Levels or Section					
3. Publishing and continuous sharing with other educators.					



FINANCIAL REPORT

There was no financial statement since this is a “low-cost strategy”. The printing of a few materials was shouldered by the researcher.

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