

 Detailed Lesson Plan No.: 4	Learning Area: Practical Research 1	Grade Level: 11	Quarter: 3	Date: Nov. 2025	Duration: 1 hr
	Learning Competency/-ies:	Differentiates quantitative from qualitative research			Code: CS_RS11-IIIa-4
	Content/ Topic	Nature of Inquiry and Research.			
	Key Concepts/ Understandings to be Developed	Appropriate kinds of research in making decisions.			
1. Objectives	Knowledge	Describe quantitative and qualitative research studies.			
	Skills	List down the descriptions of quantitative and qualitative research studies.			
	Attitude	Honestly contrast quantitative research with qualitative research.			
	Values	Generalize and reflect the aim of quantitative and qualitative research studies.			
2. Learning Resources	https://sites.google.com/depd.gov.ph/research1/ https://www.youtube.com/watch?v=DzDaFe1R-TY&t=13s https://www.dictionary.com/browse/qualitative https://www.dictionary.com/browse/quantitative				
3. Procedures 4 minutes	A. Questions: B. Prayer: C. Checking of Attendance: D. Cleaning the Area: E. Others: The teacher will have to maintain learning environments that promote fairness, respect, and care to encourage learning {6}				
3.1 Introductory Activity 6 minutes	Using students' cell phones or the teacher's laptop, search on the internet for the meanings of the following words: qualitative and quantitative. Qualitative is about or concerned with quality or qualities. Quantitative is relating to the describing or measuring of quantity. The teacher will apply the knowledge content within and across curriculum teaching areas. {1} [Uni-structural]				
3.2 Activity 15 minutes	The teacher will use a range of teaching strategies that enhance learner achievement in literacy and numeracy skills. {2} The students will answer the guide question: In Quantitative Research, what are the things to consider in data gathering? Answer: These are the Survey questionnaires, checklists, and standardized/structured close-ended questions.				
QUALI Interviews/Immersions/ Group Discussions Structured/Unstructured Open-ended Questions  DATA GATHERING QUANTI Survey Questionnaires/ Checklists Standardized/Structured Close-ended Questions					
Activity 1: View the video and read the content of the chosen video @ https://www.youtube.com/watch?v=DzDaFe1R-TY&t=13s . Then, list down the descriptions of qualitative research in data gathering. Answers:					

	1) Interviews/Immersion/ Group Discussions, 2) Structured/ Unstructured, and Open-ended Questions [Multi-structural]
3.3 Analysis 5 minutes	The teacher will apply a range of teaching strategies to develop critical and creative thinking and other higher-order thinking skills. [3] The teacher will have to utilize the visualization strategy using the video of the topic: The students shall have to read the reading selection. Differentiates quantitative from qualitative research. The students shall be grouped into three (3) by just counting from one to three. The following groups of students shall orally read their assigned tasks. Group 1: After watching the video, the students will honestly contrast qualitative research with quantitative research based on its objectives. Answer: In qualitative research, its objective lies in the study of understanding the human mind. While in quantitative research it refers to proving or disproving a hypothesis whether it is null or alternative. Group 2: Concerning research, honestly contrast qualitative research with quantitative research based on its data descriptions. Answer: In qualitative research, its data description is based on words, narrations, and descriptions while in quantitative research, its data description is based on numbers, statistics in variables. Individual Outputs for Group 3: After watching the video, Group 3 members shall individually contrast qualitative research with quantitative research based on data gathering. Answers may vary... How can you relate research writing to your field of specialization based on qualitative research? Answers vary.... [Relational] During the activity, the teacher will facilitate and manage the classroom structure to engage learners, individually or in groups...[4]
3.4 Abstraction 10 minutes	The teacher manages the learner's behavior constructively by applying positive and non-violent discipline to ensure learning-focused environments. [5] Guide questions: The students shall individually answer the following questions. What do you think is our topic for the day? Answer: Differentiates quantitative from qualitative research. State a summary of the topic. Answer: Qualitative Research -Objective: Understand the human mind. -Data Description: Words, narrations, and descriptions -Sample: Limited sample (Random Sampling, fishbowl method, purposive sampling, cluster sampling, and many more) -Data Gathering: Interviews/Immersion/ Group Discussions - Structured/ Unstructured - Open-ended Questions -Data Analysis: Thematic analysis, category of ideas, opinions, experiences, and insights -Outcome: New insights gained Quantitative Research -Objective: Prove or disprove a hypothesis Null/Alternative -Data Description: Numbers, statistics in variable. -Sample: Large Sample (Random Sampling, fishbowl method, purposive sampling, cluster sampling, and many more) -Data Gathering: Survey Questionnaires, checklists, standardized/structured close-ended questions -Data Analysis: Statistical tools, instruments, and treatments, Pearson's r, Spearman's rho, Percentile Deviation -Outcome: Conclusions, Both Quali and Quanti have to apply inquiry, investigation, and immersion

	Both of them aim to improve our lives in varied aspects Both of them use textual forms in analyzing and interpreting data Both start and end with a problem After the students have analyzed the summary of the lesson, they will have to choose the sub-topic. Then, the teacher will require the class to generalize and reflect on the aim of quantitative and qualitative research studies. Answers vary... [Extended Abstract]
3.5 Application 10 minutes	The students will explain the description of qualitative research and quantitative research. They are asked by the teacher to answer the guide questions using a one-half crosswise. Why do you apply qualitative research? How do students evaluate the standard descriptions of qualitative research? Answers vary... [Extended Abstract]
3.6 Assessment 8 minutes	Utilizing the laptop and the television set, the teacher will conduct the quiz on students and ask them to answer essay questions on a ½ CW. Answer essay questions Describe the descriptions of qualitative and quantitative research studies. Compare and contrast qualitative research with quantitative research based on Data Analysis. Evaluate qualitative and quantitative research studies based on its outcomes. Answers: Students' answers may vary...
3.7 Assignment 2 minutes	The students will have to search for a research study based on their field of specialization and they shall have to download the qualitative and quantitative research papers which will be presented before the class at the next meeting. Please browse this link @ https://www.academia.edu/ and type the title of the research. Please save the links.
Concluding Activity	

Prepared by:

GEORGE P. LUMAYAG <i>Signature over Printed Name</i>	School: Casay National High School
Position/Designation: Teacher III	Division: Cebu Province
Contact Number: 09213964825	Email address: george.lumayag@deped.gov.ph

Reviewed by:

JANETH D. BELAMALA
SHS Coordinator

Approved by:

ROBERTO D. MORAN, PhD, EM
Secondary School Principal I