

 Detailed Lesson Plan No.: 24	Learning Area: Practical Research 1	Grade Level: 11	Quarter: 4	Date: 02-24-2025	Duration: 1 hr			
	Learning Competency/-ies:	Present written research methodology			Code: CS_RS11-IVa-c-4			
	Content/ Topic	Understanding Data and Ways To Collect Data Systematically						
	Key Concepts/ Understandings to be Developed	Data collection and analysis procedures such as surveys, interviews, and observation						
1. Objectives	Knowledge	Identify the types of research						
	Skills	List down the research methods						
	Attitude	Honestly, compare qualitative, quantitative, and mixed methods						
	Values	Reflect on presenting a written research methodology						
2. Learning Resources	Laptop, TV set, Formative Sheet, mobile phone connected to the internet https://sites.google.com/deped.gov.ph/research1 https://www.scribbr.com/methodology/types-of-research/ https://gradcoach.com/what-is-research-methodology/ https://gradcoach.com/what-is-research-methodology/							
3. Procedures 4 minutes	A. Questions: B. Prayer: C. Checking of Attendance: D. Cleaning the Area: E. Others:							
3.1 Introductory Activity 6 minutes	Using students' cell phones or the teacher's laptop, search the internet for the meanings of the following research or methods: Qualitative Research, Quantitative Research, Descriptive Research, and Experimental Research. Answers: Qualitative research methods focus on words and meanings, Quantitative research methods focus on numbers and statistics. Descriptive research gathers data without controlling any variables, Experimental research manipulates and controls variables to determine cause and effect. [Uni-structural] The teacher will apply the knowledge content within and across curriculum teaching areas. {1}							
3.2 Activity 15 minutes	The teacher will use a range of teaching strategies that enhance learner achievement in literacy and numeracy skills. {2} Annotation: 1.2.2 Use research-based knowledge and principles of teaching and learning to enhance professional practice. Class, this is one of the findings of my action research. I strongly believe that the LAC practices shall be coded to the School Site developed by the teacher or LAC Leader or Administrator. I believe that this practice can enhance the professional practices of teachers in the Learn Action Cell (LAC)							

Table 6. School Site for LAC Powered by Google.com

School Site for LAC powered by Google.com	Department Site Developed	f	n	%	Personal Site Developed	f	n	%
	No	220	224	98.21	No	220	224	98.21
https://sites.google.com/deped.gov.ph/lac	Yes	4	224	1.79	Yes	4	224	1.79
	Total:	224			Total:	224		

What is 4 out of 224?

What is 220 out of 224?

How many respondents hadn't developed personal sites?

With this example, what type of research method is used?

Now, let's read the webpage at @ <https://gradcoach.com/what-is-research-methodology/>

Qualitative research refers to research which focuses on collecting and analysing words (written or spoken) and textual or visual data, whereas **quantitative research** focuses on measurement and testing using **numerical data**. Qualitative analysis also focus on other “softer” data points, such as body language or visual elements.

It's quite common for a **qualitative** methodology to be used when the research aims and research questions are **exploratory** in nature. For example, a qualitative methodology might be used to understand peoples' perceptions about an event took place, or a political candidate running for president.

Contrasted to this, a **quantitative** methodology is typically used when the research aims and research questions are **confirmatory** in nature. For example, a quantitative methodology might be used to measure the relationship **between variables** (e.g. personality type and likelihood to commit a crime) or to test a **set of hypotheses**.

As you've probably guessed, the **mixed-method** methodology attempts to combine the **best of both** qualitative and quantitative methodologies to integrate perspectives and create a rich picture. If you'd like to learn more about these three methodological approaches, be sure to watch our explainer video below.

Link of the video @ <https://gradcoach.com/what-is-research-methodology/>
List down the presented research methods.

Answers:

1. Qualitative methodology
2. Quantitative methodology
3. Mixed methodology

[Multi-structural]

3.3 Analysis

5 minutes

The teacher ensures the positive use of ICT to facilitate the teaching and learning process. [3]

The teacher will have to utilize the **visualization strategy** using Google Slides, a webpage, or video of the topic: **Present written research methodology**.

The students shall be grouped into three (3) by just taking into consideration their respective rows. The groups of students shall orally read their assigned tasks.

The teacher will remind the students to respect the composition of the group and always value **Gender and Development (GAD)**.

Question and Answer Rubrics
Question and Answer Scoring Rubric

	Subject Knowledge	Conventions	Eye Contact	Evidence/ Research	Overall Quality
2	Student demonstrates full knowledge by answering questions with explanations and elaboration	Excellent grasp of public speaking. Clear enunciation, steady pace, and confidence.	Student maintains eye contact with audience	Student is able to use specific evidence or research from their project and experiences to answer questions.	Meets and/or exceed expectations on all questions and answers. Creative thinking, time management pattern, pride, and attention to detail are highly apparent.
1	Student shows adequate knowledge by answering questions with few details or elaboration	Adequate comfort – good enunciation and pace, but not as clearly polished or presented.	Student occasionally makes eye contact with the audience	Student is occasionally able to use evidence or research from their project and experiences to answer questions.	All elements of the above are present during the question and answer but to a lesser degree of excellence.
0	Student shows little knowledge by answering questions with little to no detail or elaboration	Inaudible and/or uninterested. Significantly short responses	Student responds with little or no eye contact with the audience	Student is not able to use evidence or research from their project and experiences to support their answers.	Question and answer portion did not provide any additional insight or thought to the overall product. Little or no evidence of a clear understanding of the questions and presentation topic.

Total Score: _____ points (10 possible)

The students will have to answer the following questions.

Group 1: After reading and analyzing the content, Group 1 will have to compare Qualitative Methodology to Quantitative Methodology.

Please refer to the reading guide for your answer.

Group 2 will have to compare Qualitative to Mixed Methodology.

Please refer to the reading guide for your answer.

Group 3 will have to compare Quantitative Methodology to Mixed Methodology.

[Relational]

During the activity, the teacher will use effective verbal and non-verbal classroom communication strategies to support learner understanding, participation, engagement, and achievement.**[4]**

3.4 Abstraction

10 minutes

The teacher maintains supportive learning environments that nurture and inspire learners to participate, cooperate, and collaborate in continued learning. **[5]**

Guide questions: The students shall individually answer the following questions in accordance with **DepEd's Vision, Mission, and Goals**.

Oral Recitation with Question and Answer Rubrics

Question and Answer Scoring Rubric

	Subject Knowledge	Conventions	Eye Contact	Evidence/Research	Overall Quality
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Total Score: _____ points (10 possible)

What do you think is our topic for the day?

Answer:

Present written research methodology

Recite the summary of the topic.

Answer varies

Generalize and reflect on how you present your written qualitative research.

Answers vary...

[Extended Abstract]

The teacher will have to design, adapt, and implement teaching strategies that are responsive to learners with disabilities, giftedness, and talents. {7}

If you are the researcher, how can you present your written research methodology?

3.5 Application 10 minutes	<p>The teacher applies a range of successful strategies that maintain learning environments that motivate learners to work productively by assuming responsibility for their learning. {6}</p> <ol style="list-style-type: none"> 1. Based on the topic, how will you present your written research methodology? <p>Answers vary...</p>
3.6 Assessment 8 minutes	<p>Utilizing the laptop and the television set, the teacher will administer the paper-pen test. Directions. Answer the guide question in the one-half crosswise intermediate paper.</p> <ol style="list-style-type: none"> 1. Explain the following: Qualitative Methodology, Quantitative Methodology, and Mixed Methodology <p>Answers: Please refer to 3.2 Activity</p> <ol style="list-style-type: none"> 2. Based on your qualitative research design, write a reflective journal. Utilize the Formative Form or one whole intermediate paper. <p>[Extended Abstract]</p>

Formal Essay Rubric					
Areas of Assessment	10	8	6	4	
Ideas	Presents ideas in an original manner	Presents ideas in a consistent manner	Ideas are too general	Ideas are vague or unclear	
Organization	Strong and organized beg/mid/end	Organized beg/mid/end	Some organization: attempt at a beg/mid/end	No organization; lack beg/mid/end	
Understanding	Writing shows strong understanding	Writing shows a clear understanding	Writing shows adequate understanding	Writing shows little understanding	
Word Choice	Sophisticated use of nouns and verbs make the essay very informative	Nouns and verbs make essay informative	Needs more nouns and verbs	Little or no use of nouns and verbs	
Sentence Structure	Sentence structure enhances meaning; flows throughout the piece	Sentence structure is evident; sentences mostly flow	Sentence structure is limited; sentences need to flow	No sense of sentence structure or flow	
Mechanics	Few (if any) errors	Few errors	Several errors	Numerous errors	

3.7 Assignment 2 minutes	The students will have to search for a qualitative research study related to their field of research, and they shall have to download their chosen research papers, which will be presented before the class at the next meeting. (Note: Assignment is optional). Please browse this link @ https://www.academia.edu/ and type the title of the research. Please save the links for you to retrieve the author's name and the year of publication.
Concluding Activity	The idea of having an internet-connected router for the students in Practical Research 1 can help them to engage in research and easily follow ethical standards in writing-related literature.
Reflection	This lesson is a vital tool in writing the research proposal.

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