



Republic of the Philippines
Department of Education
REGION III
SCHOOLS DIVISION OFFICE OF NUEVA ECija

LEARNING ACTIVITY SHEET
SEPCIAL PROGRAM IN ICT 10
INFORMATION SYSTEM AND RESEARCH 10
First Quarter, Week 1

Name of Learner: _____ Date: _____

Grade Level /Section: _____

Introduction to Research

BACKGROUND INFORMATION FOR THE LEARNERS

Research is a purposive scientific endeavour that results in the acquisition of new knowledge, gathers information or data to find solutions to a problem and understands issues.

In this activity, the general knowledge of learners about research will be assessed and help them realize the value of research.

What does research tell us?

Research is significant and can be very useful to man's life. We research in order to understand society and social processes, tests and or create theories. It is also important to take note that research also aims to discover new facts or information. Research is a systematic tool to assess or evaluate if practices, processes or programs in schools, offices and other workplace or organization are efficiently and effectively working and if the people involved or workers are satisfied or dissatisfied.

Research is important and may influence us to appreciate and to engage in it. It builds knowledge and facilitates learning and also enhances public awareness on current trends and issues.



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Research provides information about the following:

1. Exploring thoughts and opinions
 - There are research designs specifically, a qualitative type of research which main purpose is to explore an in depth understanding on people's primary reasons, views and opinions.
2. Forming Attitudes
 - Some research studies were conducted to examine factors, measures, practices, rules,
3. Habits
 - By conducting research is a systematic and reliable way to provide more clarity on regulations, and policies that may influence the attitude that guides future behavior habits of every individual, groups or families, communities that have an impact to our daily lives.
4. Culture
 - Some researches explore the people's lives within the communities specifically the social and cultural aspects. A kind of research like this is commonly known as ethnographic research.
5. Norms
 - Qualitative research usually intends to explore the social behaviour that is usual, customary or accepted standard expected of a group or community.
6. Scientific facts
 - Systematic observation and investigation are performed to obtain data which are to be subjected to experimentation/testing or research in order to establish scientific facts

LEARNING COMPETENCY

Demonstrate understanding of the importance of research in daily life of an individual.



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ACTIVITIES

ACTIVITY NO. 1

Directions: Encircle the words in the box that are related to your own definition of research

systematic experimentation problem validate

syst

em phenomena hunch guessing

o

pinions experiences observation conclusions

mat

erials solution instrument product

theo

ries facts data literature

Using all the encircled words, formulate a good and acceptable definition of research.

ACTIVITY 2

Directions: Read a sample research study and answer the following guide questions.

Guide Questions

1. What appears to be the main objective of the research?

2. Does the research have conclusions and recommendations?



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3. Why is the research conducted?

4. What is/are the reference/s of the research study you have selected in this activity (Cite only 3 references)

ACTIVITY 3

Directions

At the beginning of this lesson, research studies are introduced to familiarize with the idea of what research is and why it is so important. Based on this activity, how does the research study help you in your daily life?

ACTIVITY 4
Search for research studies and write the title of a research study that describes about the specific information a research provides.

Directions:

Research provides information about:	Title of Research study
Exploring thoughts and opinions	
Forming attitudes	
Habits	
Culture	



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Norms	
Scientific facts	

ACTIVITY 2

Directions: Read carefully and understand the abstract of the study. Answer the following multiple choice questions.

- Drawing on sociocultural theory, this paper describes how teams of teachers and researchers have developed ways of embedding information and communications technology (ICT) into everyday classroom practices to enhance learning. The focus is on teaching and learning across a range of subjects: English, history, geography, mathematics, modern foreign languages, music and science. The influence of young people's out-of-school uses of ICT on in-school learning is discussed. The creative tension between idiosyncratic and institutional knowledge construction is emphasized and we argue that this is exacerbated by the use of ICT in the classroom.

Sutherland R. et.al. (2004). Journal of Computer Assisted Learning retrieved from <https://onlinelibrary.wiley.com>

1. Which of the following is the appropriate title for the given abstract of the study?
 - a. ICT integration in Teaching and Learning practices
 - b. Embedding ICT in classroom activities: transformation in teaching and learning practices
 - c. Transforming teaching and learning: embedding ICT into everyday classroom practices
 - d. ICT integration in the classroom activities transforms teaching and learning practices.
2. Which of the following specific information a research provides about practices, arts, and triumphs of a particular population, people, or other social group?
 - a. Scientific facts
 - b. Habits
 - c. Culture
 - d. Forming attitude



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3. This research study has an interesting fact because:
 - a. Teaching and learning practices are best implemented with or without ICT integration
 - b. ICT integration in classroom practices can enhance learning
 - c. ICT is the only means of conveying message and information to learners
 - d. All these facts make the research interesting
4. Can this research study be used to make decisions? How?
 - a. Yes, By considering what Learning Delivery Modality is effective to enhance learning
 - b. Yes, By considering Distance Learning as the most effective Learning Delivery if no face-to-face classes
 - c. Yes, by knowing what is best for learners
 - d. Yes, By using ICT to facilitate teaching and enhance learning
5. What change/s this research will bring to the public educational system?
 - a. Introduction of technology
 - b. Equal respect to all subjects
 - c. No child will be left behind
 - d. Parent involvement to enhance learning

RUBRIC FOR SCORING

For Activity 1

Features	1	3	5
Word Content	Few of the selected words were utilized in defining research	Some of the selected words were utilized in defining research	All selected words were utilized in defining research
Spelling and grammar	Spelling and grammar error is noted correctly and error is noted	All words are spelled and grammar correct	Spelling and grammar are correct
Idea	The main idea of defining research is not clear	Main idea is somewhat clear	The main idea stands out
Organization	Words used to define Research are not organized as it should be stated	Words used to define Research are somewhat organized	Words used to define Research are well organized as it should be



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For Activity 2

Features	1	3	5
Organization	Information is not only organized but inaccurate	Information is appears to be organized and factual	Information is very organized and factual
Content	Contents are not clear to describe the objectives and why the research is conducted	Contents are somewhat clear to describe the objectives and why the research is conducted	Contents are clear to describe the objectives and why the research is conducted
Sources	Sources are not documented	some sources are not accurately documented	Sources are documented
Spelling and grammar	Spelling and grammar error is noted	All words are spelled correctly and grammar error is noted	Spelling and grammar are correct

For Activity No. 3

Features	1	3	5
Organization	Information is not only organized but inaccurate	Information is appears to be organized and factual	Information is very organized and factual
Content	Lacks development and self-reflection	Demonstrate a reflective analysis	Demonstrate a thorough self-reflective analysis
Spelling and grammar	Spelling and grammar error is noted	All words are spelled correctly and grammar error is noted	Spelling and grammar are correct

REFLECTION

Since research provides information that can enhance public awareness on trends and issues, identify or describe a concept and explain or predict a situation or solution to a situation. What do you think is the most wanted or needed information nowadays a researcher should consider in conducting research? Why?



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Rubric for Reflective Learning

Features	1	3	5
Organization	Information is not only organized but inaccurate	Information is appears to be organized and factual	Information is very organized and factual
Content	Lacks development and self-reflective analysis	Demonstrate a reflective analysis	Demonstrate a thorough self-reflective analysis
Spelling and grammar	Spelling and grammar error is noted	All words are spelled correctly and grammar error is noted	Spelling and grammar are correct

REFERENCES

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