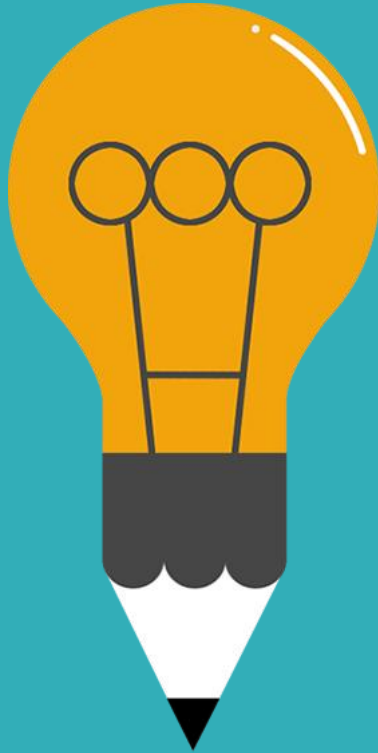


MODULE 1 : NATURE OF INQUIRY AND RESEARCH



LESSON 1

The Importance of Research in Daily Life

Prepared by
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Every day you encountered various problems in any facets of life be it social, political, environmental and personal. It may link between persons, groups or an organization. In this case, there must be a solution not only to resolve it but can be a progress that everybody benefited from it. As a learner how can you find a solution to these problems that is based on knowledge not on ordinary beliefs, predictions or theories? You need to have this knowledge through organized and well-planned procedures that are accurate and useful. Thus you need to do research.



What I need to know?

Research is asking what you know and think. It helps us to inquire on the right information. It is of great importance to man in everyday life. The quality of man's life is improved through research making it easier and valuable from simple to modern. Research develops you to an attitude to not believe everything easily available and seek for truth – Research sharpens our mind to give a judicious vision to look. It is a catalyst in solving complex issues in different sectors including health, communications, business and environment.



What I need to know?

Pre-test

What I know?



Direction:

A. Read the following statements. Answer TRUE if the statement describes a research. FALSE if you think it is not. Write your answers on the blank.

- _____1. There should be adequate data before conducting a research.
- _____2. To have an objective view of his or her study, the researcher should avoid listening to another researcher.
- _____3. a researcher must read literature that relates to the problem he or she is studying.
- _____4. An opinion from any person is recognized and considered as an answer to the question asked by the researcher.
- _____5. The researcher has the final say in his findings.

What I know?



B. Encircle the words in the box that are related to the definition of research.

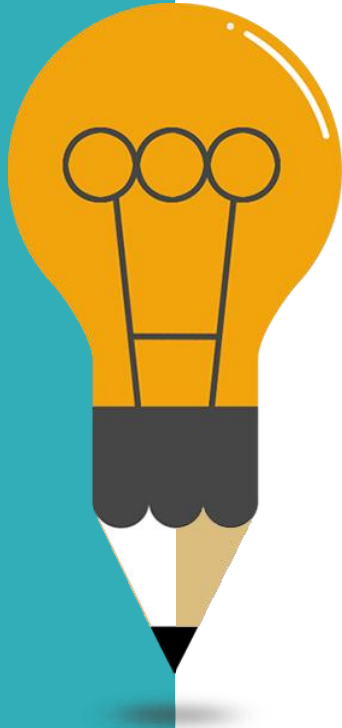
biases	instrument	theories	factual	investigation
intuition	discovery	system	subjective	interview
dreams	experiences	data	phenomena	guessing
productivity	drama	validate	opinions	literature

What I know?



C. Using the words encircled, formulate your own definition of research. Use the blanks provided.

The Importance of Research in Daily Life



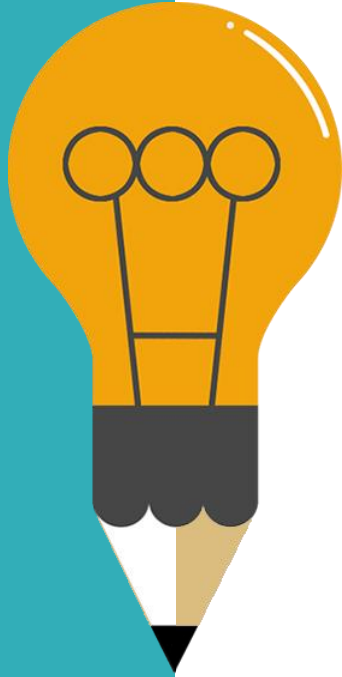
I.

What is Research?

- ✓ Research is defined as the scientific investigation of phenomena which includes collection, presentation, analysis and interpretation of facts that lines an individual's speculation with reality.
- ✓ Solutions to problems must be based on knowledge not on mere beliefs, guesses or theories.
- ✓ In research a systematic and well-planned procedure is required to meet the need in order that information is acquired and evaluate its accuracy and effectiveness.
 - ✓ It is a process of inquiring.

II.

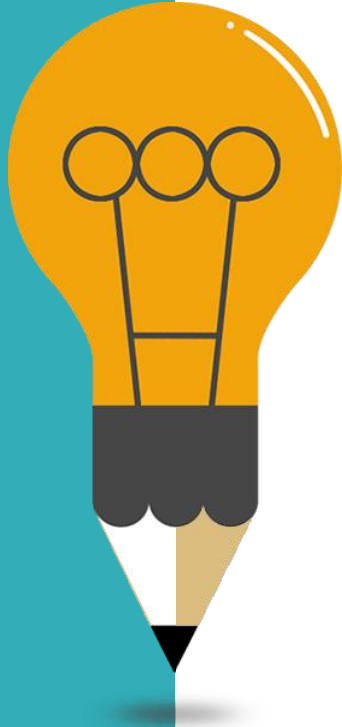
Nature of Inquiry (Lichman, G., 2013)



- ✓ Inquiry is defined as “a seeking for truth, information or knowledge”. It is a problem solving technique.
- ✓ The information and data pursued through questioning begins with gathering by applying the different human senses.
- ✓ Individuals carry on the process of inquiry from birth till death.
- ✓ Inquiry is synonymous with the word investigation.

III.

Investigation and Immersion

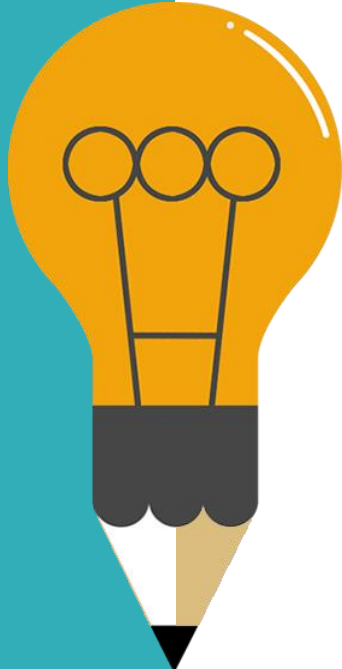


✓ Investigation has a deeper meaning compared to “inquiry”.
It is a systematic examination of a certain event or phenomenon.

✓ Immersion is a process whereby a researcher immerses (deeply involves) himself in the data gathering activities and the data he has gathered is carefully read or examined by him in detail.

IV.

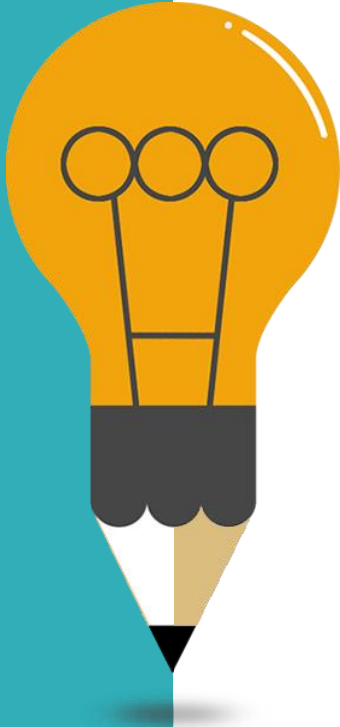
Differentiate Inquiry from Research



- ✓ Inquiry is a term that is synonymous with the word 'investigation'. When you inquire or investigate, you tend to ask questions to probe or examine something to request for truth, information, or knowledge.
- ✓ Research is systematic and objective creation of knowledge systematic (with system or method, the scientific method), objective (no bias, all angles presented), knowledge creation (a creative process).

V.

Purpose of Research



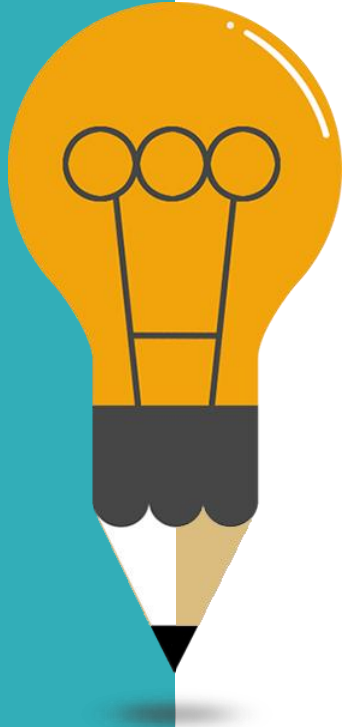
✓ To inform action.

✓ To prove or generate a theory.

✓ To augment knowledge in a field or study.

VI.

Importance of Research in Daily Life



- ✓ Research directs us to inquire about the right information by conducting further investigation of the actual condition. It leads us to be cautious in giving results and findings by proving lies and supporting the truth.
- ✓ Research empowers us with knowledge and discovers new things and issues in life. It helps us solve problems in health, crimes, business, technology and environment.
- ✓ Research facilitates learning as an opportunity to share valuable information to others as a way of recognizing various concerns for public awareness.

ACTIVITY 1: Question and Answer

Directions: Answer the questions briefly. Write your answers on the space provided.

1. What is Research?

2. What is inquiry and its nature?

3. What is the difference between inquiry and research?

4. How important is research in your daily life activities?

5. Why is there a need to conduct research?

DISCUSSION OF ACTIVITY 1:

You just learned the importance of research in daily life. Answer the following questions briefly on the blanks provided.

1. Was there an instance in your life when you did an inquiry or research? Share and describe your experiences. What are your challenges and difficulties?

2. As a learner in senior high school, how important is research in your daily life?

WHAT'S MORE?

Direction: What makes theses images a portrayal of what research is?
Write your reflection on the right space image.

Let's check how well do you know about research. Write your answers on the space provided.

1. Research is different from inquiry because the later will ask you a question. If inquiring is synonymous with investigation then what makes inquiry different from research which also investigates?

2. Research in our daily life help us to understand various issues in life leading to a solution, in what way does research empowers you with knowledge to learn new things?

Direction: Read the following statements. Answer TRUE if the statement describes a research, FALSE if you think it is not. Write your answers on the blank.

- _____ 1. An opinion from any person is recognized and considered as an answer to the question asked by the researcher.
- _____ 2. A researcher must read literature that relates to the problem he or she is studying.
- _____ 3. The researcher has the final say in his findings.
- _____ 4. To have an objective view of his or her study, the researcher should avoid listening to another researcher.
- _____ 5. there should be adequate data before conducting a research.

B. Encircle the words in the box that are related to the definition of research.

phenomena	experiences	theories	discovery	validate
biases	interview	investigation	intuition	dreams
guessing	system	instrument	literature	drama
subjective	factual	opinions	data	productivity

C. Using the words encircled, formulate your own definition of research.

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