

Senior High School

Department of Education
National Capital Region

**SCHOOLS DIVISION OFFICE
MARIKINA CITY**

PRACTICAL RESEARCH 1

Second Semester

Third Quarter-Module 2
Importance of Research in Daily Life



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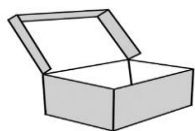
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What I Need to Know

A pleasant day Senior High School Students! In this lesson, you are going to learn how to:

Explain the importance of research in daily life (CS_RS12-Id-e-2)

You can say that you have understood the lesson in this module if you can already:

1. express opinions on why research is important;
2. identify the purpose of research;
3. give examples of researches and its outcomes; and
4. explain the importance of research in daily life.



What I Know

Before you proceed to the different activities inside the module, answer first the short **pre-assessment activity** below to find out what you know about the topic of importance of research in daily life.

Answer the questions below to the best you can.

1. How is research important in daily life?

2. In what areas is research important?

Lesson 1

Importance of Research in Daily Life



What's In

In the previous lessons, you shared your experiences and knowledge in research. You were showing a positive attitude in learning the rigors of research and with this positive outlook, I am sure that you will be able to accomplish all the task given to you. Remember that the lessons that we tackle here prepare you for a major task which is for you to conduct your own study. With a positive perspective that you have now, I know that you will find the tasks below interesting and easy to do.

In your own words, do the following as directed.

A. Write a short paragraph discussing why is there a need to conduct research.

B. State in at least three sentences the benefits one can get in conducting research.

You are showing a great deal of interest in learning your lessons! With this kind of behavior, I am very positive that you will be able to do your future tasks well.

In this module, you are going to learn the importance of research in daily life. It is very important that you know the importance of research in your life so that you will have a holistic view about the subject. It is also imperative that you develop a love for research as this will help you do your works successfully.

What's New

Let us start our lesson by answering the questions below. On the space before each item, put a check (✓) mark if the statement is true and an ex (X) mark if it is not.

- _____ 1. Research is easy to do.
- _____ 2. Research is important to life.
- _____ 3. Research is about contributing to a growing pool of knowledge and information.
- _____ 4. Research broadens one's knowledge and horizons.
- _____ 5. Research makes the brain wary and disturbed.



What is It

Dear learner, I am glad that you are doing great in your studies. It is very heartwarming to know that you are showing eagerness in your studies even with a minimum guidance. With the kind of behavior you are showing, I will be more enthusiastic to guide you in your journey and help you attain your purpose.

Do not forget, dear learner, that researches happen every day in different in different areas of man's lives. Research has become a part and parcel of man's existence. It has become a vital part of our existence.

As *Prieto et al* opine, research affects society and the lives of each one of us daily. The way we perceive the world, the way we experience relationships with others, the way society is organized and governed, and a lot more are influenced by the ever-expanding frontiers of knowledge and that for us to make sense of the world and our own lives, we need research.

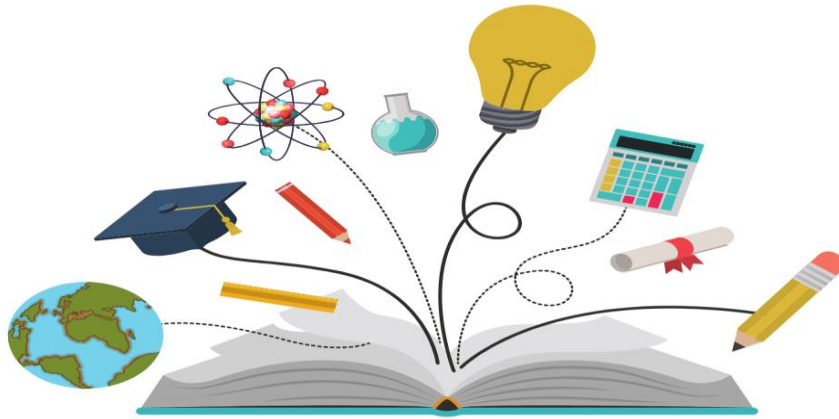
We are a curious being. We ask questions a lot.

We ask questions on different observed phenomena. We ask why these things happen.

Finding answers to our questions entails a process.

We gain new knowledge and experiences as we go on with our study.

Experts say that research typically evokes visions of incomprehensible mathematical formulae that describe natural phenomena, complex theorems on the structure of human reason, liquids in test tubes combining and separating, experiments to explain psychological mechanisms and behaviors. But these discoveries and abstruse technical procedures, according to the site mentioned earlier, have positive effects and consequences for many aspects of our lives that are far more numerous and important than we might imagine.



<http://clipart-library.com/research-education-cliparts.html>

Man, dear learner, constantly seeks knowledge. We continuously satisfy our sense of wonder, develop more abilities, connect with others, and understand society. These are essential to research. Do not that as the world continues to evolve, doing research becomes more important as a skill with enduring rewards.

But how important research in daily life is?

Importance of Research in Daily Life

Research is very important in daily life. According to www.quora.com, research is important because of the following reasons:

1. Research develops an attitude to not believe everything easily available and go on one track.
2. Research empowers us with knowledge and efficient learning of new things.
3. Research evolves us to mark out the thin line between truth and lie.
4. Research gives us a light to inquire about the right information.
5. Research helps us in understanding various issues of life in a larger manner.
6. Research leads us to the ultimate philosophy of all the subjects and builds a graphic vision of life.
7. Research makes good habits of reading, analyzing, thinking and learning.
8. Research opens new vistas of opportunity before us to pick and choose.
9. Research sharpens the brain and gives it a judicious vision to look.

Given the importance of research above, you can see that it is a vital part of our lives.

Discussing on the importance of research, owlcation.com says that the main purpose of research is *to inform action, to prove a theory, and contribute to developing knowledge in a field or study*. Furthermore, it says gives the following importance of research which you should always remember as you go on with the topics in the subject:

1. A Tool for Building Knowledge and for Facilitating Learning

"Knowledge" basically pertains to facts based on objective insights and/or study findings processed by the human brain. It can be acquired through various

ways, such as reading books and online articles, listening to experts, watching documentaries or investigative shows, conducting scientific experiments, and interacting with other people, among others. These facts can be checked to ensure truthfulness and accuracy.

Research can be easily done by students like you and all professionals and non-professionals who value learning.

Doing research equips you with knowledge about the world and skills to survive and improve your life.

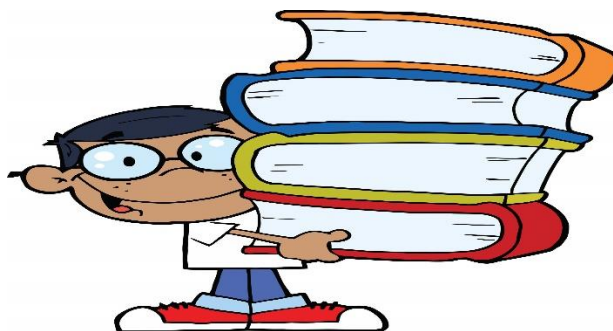
Determining what the general public may want to know, dear learner, or what you want others to realize or to think about can serve as a reason to do research. Thus, research is an essential component in generating knowledge and vice-versa.

2. Means to Understand Various Issues and Increase Public Awareness

Always remember that research can shed light on issues we do not even know existed. It can raise questions we had not realized even needed asking.

Research is a way to know better some issues in society and helps increase public awareness. Like for example in social media- television, radio, YouTube, Facebook, and more, there are a lot of issues broadcasted every day and before these issues are imparted to the public, researches are done to ensure its validity.

In a television documentary program like “Kuha Mo” of ABS-CBN, researchers are involved and are busy looking and verifying information making sure that the issues and problems they air are factual.



<http://clipart-library.com/clipart/689703.htm>

We are not saying that program hosts rely mainly on their researchers. Other hosts are also exerting efforts to do their own research and this helps them:

- get information that hired researchers missed,
- build a good rapport with the interviewee, and
- conduct a good interview in the process

3. An Aid to Business Success

The success of most business relies of research. It is a fact that research benefits business and that many successful companies, such as those producing consumer goods or mass-market items, invest in research and development or R&D. Different business industries with science and engineering processes like *agriculture, food and beverage, manufacturing, healthcare and pharmaceuticals, computer*

software, semiconductor, information and communication technology, construction, robotics, aerospace, aviation, and energy have high research and development expenditure because it is critical to product innovation and to improving services.

4. A Way to Prove Lies and to Support Truths

Scientists deal with research to test the validity and reliability of their claims or those of other scientists. Their integrity and competence depend on the quality - and not just quantity - of their research. Nonetheless, not everything scientists come up with get accepted or learned by everyone, especially when factors like religion, state suppression, and access to resources and social services (e.g., education and adequate health programs) either feed the poor majority with lies or deter them from knowing truths to preserve the status quo.

Professional and credible journalists undertake thorough research to establish the veracity of their stories.

With the use of internet technology and social media, pseudo journalism has become a social concern. Fake news becomes rampant. Fact-checking to know the truth is integral to the process of research, for it is fueled by an inquisitive and critical mind.

5. Means to Find, Gauge, and Seize Opportunities

Research helps people nurture their potential and achieve goals through various opportunities. These can be in the form of securing employment, scholarships, training grants, project funding, business collaboration, and budget traveling, among others.

These can be in the form of securing employment, scholarships, training grants, project funding, business collaboration, and budget traveling, among others.

6. A Seed to Love Reading, Writing, Analyzing, and Sharing Valuable Information

Research entails both *reading* and *writing*. These two literacy functions help enable computation and comprehension. Without these skills, it is less likely for you to appreciate and get involved in research. **Reading** *opens the mind to a vast horizon of knowledge*, while **writing** *helps you use your own perspective and transform this into a more concrete idea that you understand*.

Apart from reading and writing, listening and speaking are also integral in conducting research. Interviews, attending knowledge-generating events, and casual talks with anyone certainly aid in formulating research topics. They can also facilitate the critical thinking process. Listening to experts discuss the merits of their studies helps you to analyze a certain issue and write about such analysis.

7. Nourishment and Exercise for the Mind

Our curiosity fuels our mind to seek for answers. Research helps in developing critical reasoning skills. There are several studies, dear learner, that show the research stimulates the mind and contribute to brain health.



You see now how important research is? What about the importance of research for you as a student?



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Research can be done on any topic. In order to do research, first of all, you need to have a topic or the problem on which you can do research. The topic must have relevant questions to answer.

According to *content.wisestep.com*, to research is to carefully analyze the problems or to do the detailed study of the specific problems, by making use of special scientific methods.

Always put in mind that the **main purpose of the research** is to *get deep into the topic so that something helpful can churn out, which can be helpful for everybody and used in that particular field.*

The main aim of research is to provide the best of the solution to some of the world problems and also to enhance our knowledge.

Doing a research is rewarding, dear learner. It may be challenging, but it is an opportunity that helps you to pursue an in-depth or deep original study about any topic which interests you.

Why conduct research as a student?

Conducting research is not only important but beneficial for students like you as it helps you to have a detailed analysis of something you are trying to study. Through research, your knowledge is enhanced and you and other people will benefit from the outcomes.

Bear in mind that when you conduct research, you:

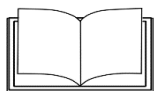
- ✓ clarify confusion
- ✓ enhance your knowledge
- ✓ have a better understanding
- ✓ know your area of interest

- ✓ learn about issues and the methods in addressing these
- ✓ learn to collaborate
- ✓ understand published works

A magnifying glass with a black handle and silver frame is positioned over a word cloud. The word 'RESEARCH' is the largest and most prominent, rendered in a bold, red, sans-serif font. It is surrounded by numerous other words in various sizes and orientations, including 'EXPERIMENTATION', 'KNOWLEDGE', 'PRACTICE', 'SCIENCE', 'BOOK', 'PROBE', 'THINK', 'EXAMINE', 'STOCK', 'MISSION', 'LEARNING', 'EDUCATION', 'PROJECT', 'SCANS', 'CHECK', 'METHODS', 'WISDOM', 'DETECT', 'ACHIEVE', 'LINK', 'FACTS', 'PROOF', 'EXAMINATION', 'TEACHING', 'EXPLORE', 'INVESTIGATION', 'ANALYSIS', 'CONCLUSION', 'HYPOTHESIS', 'OBSERVATION', 'RECORDING', 'INTERVIEW', 'SURVEY', 'QUESTIONNAIRE', 'FOCUS GROUP', 'CASE STUDY', 'ETHNOGRAPHY', 'ARCHIVAL RESEARCH', 'SECONDARY DATA', 'PRIMARY DATA', 'QUALITATIVE RESEARCH', 'QUANTITATIVE RESEARCH', 'MIXED METHODS RESEARCH', 'SYSTEMATIC REVIEW', 'META-ANALYSIS', 'RANDOMIZED CONTROLLED TRIAL', 'COHORT STUDY', 'CROSS-SECTIONAL STUDY', 'CASE REPORT', 'CASE SERIES', 'NARRATIVE REVIEW', 'OPINION EDITORIAL', 'COMMENTARY', 'LETTER TO THE EDITOR', 'BOOK REVIEW', 'SYMPOSIUM', 'CONGRESS', 'CONFERENCE', 'SEMINAR', 'WORKSHOP', 'WEBINAR', 'PODCAST', 'VIDEO', 'AUDIO', 'TEXT', 'IMAGE', 'GRAPHIC', 'TABLE', 'FIGURE', 'CHART', 'MAP', 'DIAGRAM', 'FLOWCHART', 'TIMELINE', 'GANTT CHART', 'PARETO CHART', 'SCATTER PLOT', 'LINE GRAPH', 'BAR CHART', 'PI CHART', 'DOUGHNUT CHART', '3D CHART', 'ANIMATED CHART', 'INTERACTIVE CHART', 'CUSTOMIZABLE CHART', 'TEMPLATE CHART', 'PRESET CHART', 'DEFAULT CHART', 'STANDARD CHART', 'BASIC CHART', 'SIMPLE CHART', 'EASY CHART', 'QUICK CHART', 'FAST CHART', 'EFFICIENT CHART', 'EFFECTIVE CHART', 'POWERFUL CHART', 'IMPACTFUL CHART', 'MEMORABLE CHART', 'VISUALLY APPEALING CHART', 'ELEGANT CHART', 'MODERN CHART', 'CONTEMPORARY CHART', 'Trendy CHART', 'FASHIONABLE CHART', 'UP-TO-DATE CHART', 'CURRENT CHART', 'RELEVANT CHART', 'USEFUL CHART', 'PRACTICAL CHART', 'APPLICABLE CHART', 'ACTIONABLE CHART', 'MEASURABLE CHART', 'TRACKABLE CHART', 'MONITORABLE CHART', 'EVALUABLE CHART', 'ANALYZABLE CHART', 'INTERPRETABLE CHART', 'UNDERSTANDABLE CHART', 'ACCESSIBLE CHART', 'USABLE CHART', 'FUNCTIONAL CHART', 'WORKING CHART', 'OPERATIONAL CHART', 'RELIABLE CHART', 'ACCURATE CHART', 'PRECISE CHART', 'DETAILED CHART', 'COMPREHENSIVE CHART', 'THOROUGH CHART', 'EXHAUSTIVE CHART', 'EXHAUSTING CHART', 'EXHAUSTED CHART', 'EXHAUSTION CHART', 'EXHAUSTIVE CHART', 'EXHAUSTING CHART', 'EXHAUSTED CHART', 'EXHAUSTION CHART'. The background is a light blue gradient.

Accordingly, research is important in our everyday life because it:

- There you have it, dear learner! I hope that you have developed in a better understanding on why research is important in daily life.



What's More

Activity 1

Activity 3

Complete the table below by writing down examples of research and its valuable outcomes. Number 1 is done for you.

Sample Research	Important Outcome
1. Medical research	Vaccine on virus
2.	
3.	
4.	
5.	



What I Have Learned

In this lesson, we focused on how to design a research useful in daily life. It is important to remember that:

- Research typically evokes visions of incomprehensible mathematical formulae that describe natural phenomena, complex theorems on the structure of human reason, liquids in test tubes combining and separating, experiments to explain psychological mechanisms and behaviors.
- The main purpose of research is to inform action, to prove a theory, and contribute to developing knowledge in a field or study.
- The main aim of research is to provide the best of the solution to some of the world problems and also to enhance our knowledge.
- Research is important in daily life because it 1.) develops an attitude to not believe everything easily available and go on one track; 2.) empowers us with knowledge and efficient learning of new things; 3.) evolves us to mark out the thin line between truth and lie; 4.) gives us a light to inquire about the right information; 5.) helps us in understanding various issues of life in a larger manner; 6.) leads us to the ultimate philosophy of all the subjects and builds a graphic vision of life; 7.) makes good habits of reading, analyzing, thinking and learning; 8.) opens new vistas of opportunity before us to pick and choose; and 9.) sharpens the brain and gives it a judicious vision to look.
- Furthermore, conducting research is a/an 1.) Tool for Building Knowledge and for Facilitating Learning; 2.) Means to Understand; 3. Aid to Business Success; 4.) Way to Prove Lies and to Support Truths; 5.) Means to Find, Gauge, and Seize Opportunities; 6.) Seed to Love Reading, Writing, Analyzing, and Sharing Valuable Information; and 7.) Nourishment and Exercise for the Mind

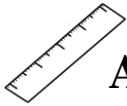
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Apply what you have learned on the importance of research in daily life by doing the activity that will follow.

Be guided with the rubric below when doing your task.

Criteria	Outstanding 10 points	Very Satisfactory 8 points	Satisfactory 6 points	Needs Improvement 4 points
Content	Explanation is well-discussed and examples are used to make the points clearer.	Explanation is satisfactorily discussed and some examples are used to make the points clearer.	Explanation is somehow discussed and less examples are used to make the points clearer.	Explanation is not properly discussed and no examples are given to make the points clear.

[illegible]



Assessment

Showcase the knowledge and skills you have learned in this lesson by answering the assessment activity.

According to Shaleen Singh, as cited by www.quora.com, there are nine importance of research. Review these and choose one that you think embodies your idea of research. Then, explain it by writing a paragraph of not more than 100 words. You may include some examples to make your answer more acceptable.

Be guided with the rubric below when doing your task.

Rubric for Grading Output:

Criteria	Outstanding 10 points	Very Satisfactory 8 points	Satisfactory 6 points	Needs Improvement 4 points
Content	Importance of research properly written and is well-discussed. Some examples are used to make the points clearer.	Importance of research is satisfactorily written and discussed. Some examples are used to make the points clearer.	Importance of research is somehow written and discussed. Less examples are used to make the points clearer.	Topic is not properly discussed and no examples are given to make the points clear.

Write your answer here:



Additional Activities

Read from books, journals and magazines or view on social media at least five (5) research conducted in different fields. Identify the following:

1. Type of research (Identify the kind of research being done)
2. Researcher/s (Identify the name/s of the researcher/s)
3. Purpose of research (Identify the reason/s why the research is conducted)
4. Contribution/s of the research (Identify the output or product of the research)
5. Importance (State the importance of the research in daily life)

As you do your task, complete the chart below:

Type of research	Researcher/s	Purpose of research	Contribution/s of the research	Importance
1.				
2.				
3.				
4.				
5.				

POSTTEST

Fill in the blank with the correct answer by writing the letter only.

1. Research affects society and the lives of people _____.
A. everyday
B. in the months to come
C. in the near future
D. yesterday

2. Effects of research in the lives of people and society are manifested in/by _____.
- the actions of other people that we observe
 - the constantly expanding borders of knowledge
 - the limitless questions that we have in life
 - the things that we want to know the origin of
3. All of the following are influences by research EXCEPT _____.
- Our way we look at the world we live in
 - The development and organization of society
 - The questions that we have about worldly phenomena
 - The way we create bonds with other people
4. Research is something rigorous to do and entails difficult technical procedures but _____.
- combines difficulties and success of the researcher
 - describes the way things are
 - explains the sacrifice a researcher has to undergo
 - provides positive effects and consequences for the many aspects of our existence.
5. Research brings in a lot of things EXCEPT _____.
- A sense of being imprisoned by the requirement to arrive at a research project.
 - Laboratory experiments
 - Mathematical formula describing natural situations.
 - Related group of emotionally significant ideas and theorems on structures on human reason
6. Informing action, proving a theory, and contributing to developing of knowledge in a field or study is the basic _____ of research.
- aim
 - goal
 - purpose
 - target
7. Providing the best solution to some of our problems and enhancing our knowledge is the very _____ of research.
- aim
 - design
 - mean
 - plan
8. The following show the importance of research EXCEPT _____.
- Develops the attitude to believe everything easily
 - Allows us to understand various issues of life
 - Makes us expand our knowledge and horizons
 - Sharpens our mind and intellect
9. Benefits of conducting research includes _____.
- accepting things as they are
 - clarifying your confusion
 - collaborating with others
 - growing further in knowledge
10. The following is true about research EXCEPT _____.
- Research is a means to build knowledge and facilitate learning.
 - Research is a mental exercise detrimental to one's well-being.
 - Research makes us know the thin line between truth and lie.
 - Research provides a way to prove lies and support truths.





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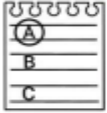
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Answer Key

What I Know

Answers may vary.

What's In

Answers may vary.

What's New

A. Before Reading Activity

Answer may vary.

C. After Reading Activity

1. Expected answers:

- a. No internet
- b. No meteorology (defenseless in time to the brutal forces of nature)
- c. No medical technology (discovery would be non-existent)

2. Expected answers:

1. an invaluable tool for building on crucial knowledge
2. most reliable way we can begin to understand the complexities of various issues
3. maintains our integrity as we disprove lies and uphold important truths
4. serves as the seed for analysing convoluted sets of data
5. serves as 'nourishment', or exercise for the mind.

What's More

Answer may vary.

Activity 2

Answer may vary. Please refer to rubrics for grading output.

Activity 3

Answer may vary.

What I Have Learned

Answers vary.

What I Can Do

Answers vary. Please use rubric in grading output.

Assessment

Answers vary. Please use rubric in grading output.

Additional Activities

Answers vary.



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