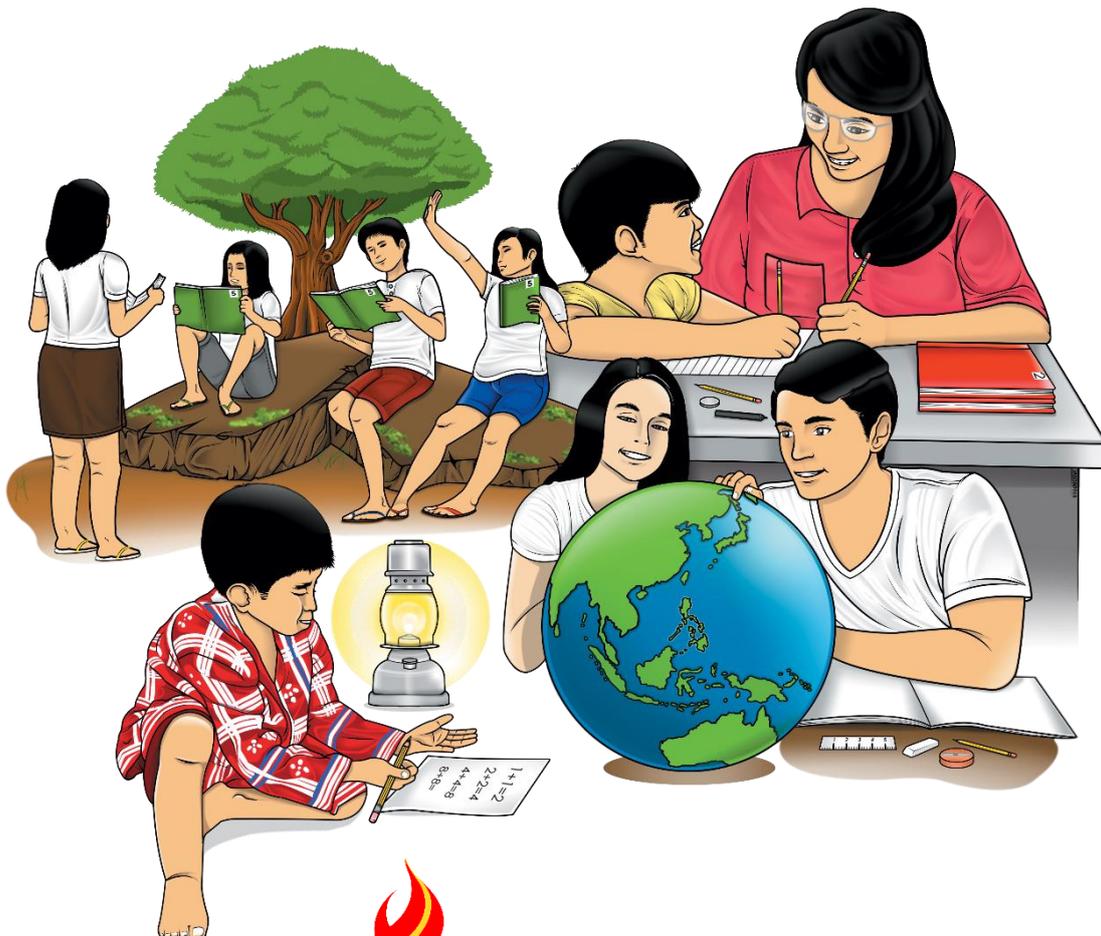


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Technology and Livelihood Education  
**Home Economics**  
Module 12: Conducting Simple  
Research



**TLE (HE) – Grade 6**  
**Alternative Delivery Mode**  
**Module 12: Conducting Simple Research**  
**First Edition, 2020**

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Published by the Department of Education  
Secretary: Leonor Magtolis Briones  
Undersecretary: Diosdado M. San Antonio

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**Printed in the Philippines by** \_\_\_\_\_  
**Department of Education – Region VI**  
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**Technology and Livelihood Education**

# **Home Economics**

**Module 12: Conducting Simple  
Research**

## **Introductory Message**

This Self-Learning Module (SLM) is prepared so that you, our dear learners, can continue your studies and learn while at home. Activities, questions, directions, exercises, and discussions are carefully stated for you to understand each lesson.

Each SLM is composed of different parts. Each part shall guide you step-by-step as you discover and understand the lesson prepared for you.

Pre-tests are provided to measure your prior knowledge on lessons in each SLM. This will tell you if you need to proceed on completing this module or if you need to ask your facilitator or your teacher's assistance for better understanding of the lesson. At the end of each module, you need to answer the post-test to self-check your learning. Answer keys are provided for each activity and test. We trust that you will be honest in using these.

In addition to the material in the main text, notes to the Teacher are also provided to our facilitators and parents for strategies and reminders on how they can best help you on your home-based learning.

Please use this module with care. Do not put unnecessary marks on any part of this SLM. Use a separate sheet of paper in answering the exercises and tests. And read the instructions carefully before performing each task. If you have any questions in using this SLM or any difficulty in answering the tasks in this module, do not hesitate to consult your teacher or facilitator.

Thank you.



## ***What I Need to Know***

Research means to carefully analyze the problems by making use of the scientific method. It can be done on any topic or the problem on which you can do research.

This module is designed and written to help you conduct simple research to determine market trends and demands in preserved/processed food.



## ***What I Know***

Study the sample research template below. In the box, choose the appropriate steps in conducting simple research that describe the details or information given on the right side of the Sample Research Template. Write your answer on a separate sheet of paper.

planning	brainstorming	introduction
closing	revising	body
editing	researching	publishing

### **SAMPLE RESEARCH TEMPLATE**

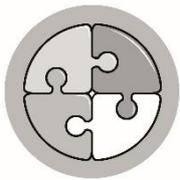
	Choose a category/topic Preserved/Processed Food Possible questions: <ol style="list-style-type: none"> <li>1. What are sweetened products?</li> <li>2. What are the common sweetened products available in your locality?</li> <li>3. Why do people patronize these products?</li> </ol>
	(Preserved/Processed Food) examples of sweetened product
	Results of researches made from books, videos, and the internet about the topic chosen
Writing	Introduce your topic here. (Sweetened Preserved Food)  Use headings to discuss your topics: <ul style="list-style-type: none"> <li>• Sweetened products</li> </ul>

	<ul style="list-style-type: none"> <li>• Common sweetened products</li> <li>• Why do people like sweetened products?</li> </ul> <p>Make conclusions about your topics. Try to make your reader understands. Suggest possible recommendations.</p>
	Reread your paper. Check if there is information that you need to add, change, or delete.
	Go over with your paper. Check for your grammar, spelling, capitalization, and punctuation marks.
	Type or write your final paper for publication.

<b>Lesson 1</b>	<h2>Conducting Simple Research</h2>
---------------------	-------------------------------------

There are significant problems that need to be resolved or questions that need answers. In determining the general preference of the people in the community, a simple research can help. Research helps you find out the things you wanted to know. It is also essential in the community especially to the market vendors on what products are patronized by everyone.

Moreover, it will also determine what resources are abundant in the community



### *What's In*

Answer each question carefully. Write your answer on a separate sheet of paper.

1. What are the different ways of food preservation/processing?
2. In making preserved/processed food what are the skills you need to have?
3. What are the things to consider in selecting food to be preserved?
4. Why do we need to observe safety rules in food preservation/processing?
5. Why is it important to apply the principles and skills in food preservation/processing?



### Notes to the Teacher

Begin by orienting learners with the relevance of the module in providing varied, relevant activities and opportunities in improving learner's skills. Remind the learner to answer *What I Know*, *What Can I Do* and *Assessment* to test their own progress. Let them answer on a separate sheet of paper.

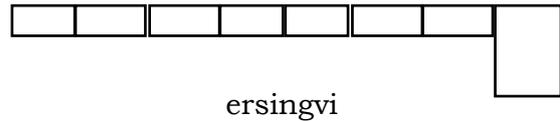


### What's New

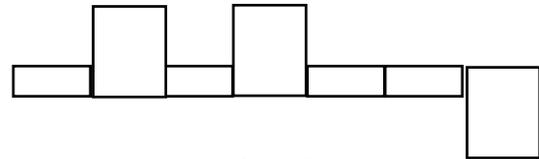
Study each word meaning in column A. Have the pupils arranged the scrambled letters in column B to come up with the correct word being described. Use the configuration box as clues.

A	B
1. a discussion in order to find ideas in solving a problem or issue	 barinstromign
2. making plans for something	 glnaninp
3. investigating a specific problem, concern, or issue using the scientific method	 rseachrnig
4. the activity of making coherent words and composing sentences	 ritnigw

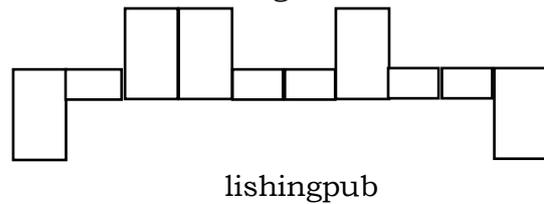
5. checking of information that you need to add, change, or remove



6. checking of grammar, spelling, capitalization, and punctuation marks



7. encoding or writing a final paper for publication



## ***What is It***

Research is a careful and detailed investigation of a specific problem, concern, or issue using the scientific method. It is best to accomplish by turning the issue into a question, with the intent of the research to answer the question.

To begin researching something, you need to have a problem, concern or issue that has turned into a question. Research really begins with the right question, which must be answerable. Questions like, “*How can I sell this product?*” Having a question creates a mindset of “*I need to know something.*”

## **Importance of Research**

Research is important in our everyday life because it:

1. gives us a light to inquire about the right information;
2. evolves us to mark out between truth and lie;
3. empowers us with knowledge and efficient learning of new things;
4. helps us understand various issues of life in a larger manner;
5. makes good habits of reading, analyzing, thinking, and learning;
6. leads us to the ultimate philosophy of all the subjects and builds a graphic vision of life.

## Steps in conducting simple research

### 1. Brainstorming

A research paper teaches information. You need to find a topic and choose.

### 2. Planning

Think of what you already know and you do not know yet. Start by choosing different topics to research. These are big ideas that people want to know.

### 3. Researching

It is finding information about the topic you have chosen. You can look for details from books, watching videos or even find information through the internet.

### 4. Writing

This is now the time to write your paper.

- a. Introduction- tells the readers what the paper is about. Start writing a question or any interesting fact. Try to convince your reader why they need to read your paper.
- b. Body- is a heading use to organize your writings. The headings tell what the section is all about. Make sure you write facts in your own words. Do not copy what someone exactly has written.
- c. Closing- is the final conclusion of your paper. The conclusion is intended to help the reader understand why your research should matter to them after they have finished reading. It is not merely a summary of the main topics covered but a synthesis of key points and recommends new areas for future research.

### 5. Revising

It makes your writing better. You can improve your writing by adding, changing, or removing information. Revising is rereading your paper.

### 6. Editing

Editing is fixing the mistakes in our writing. We can fix grammar, spelling, capitalization, and punctuation.

### 7. Publishing

The last step in the writing process is publishing. This can be done by allowing pupils to encode or write their final paper.

#### **Source:**

<https://www.youtube.com/watch?v=h5HM8GjQwP8>

<https://www.youtube.com/watch?v=3qqyH-YvzXM>

[https://www.youtube.com/watch?v=xqKuTW6EW\\_sg](https://www.youtube.com/watch?v=xqKuTW6EW_sg)

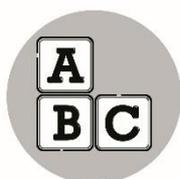
<https://www.youtube.com/watch?v=qfuWM897m>

[https://www.youtube.com/watch?v=AsmqTJhFb\\_Y&t=81s](https://www.youtube.com/watch?v=AsmqTJhFb_Y&t=81s)

Guide Questions:

Read and answer the following questions:

1. What is simple research?
2. Why do we conduct research?
3. What are the steps in conducting simple research?
4. Why is research important?
5. If you are given the chance to conduct simple research what would it be? Why?



## ***What's More***

### **Activity 1**

Read and study the sample research template below. Answer the questions on a separate sheet of paper.

Brainstorming	Choose a category/topic Preserved/Processed Food Possible questions: <ol style="list-style-type: none"><li>1. What are sweetened products?</li><li>2. What are the common sweetened products available in your locality?</li><li>3. Why do people patronize these products?</li></ol>
Planning	(Preserved/Processed Food) examples of sweetened product
Researching	Results of researches made from books, videos, and the internet about the topic chosen.
Writing - Introduction - Body - Closing	Introduce your topic here. (Sweetened Preserved Food)  Use headings to discuss your topics: <ul style="list-style-type: none"><li>• Sweetened products</li><li>• Common sweetened products</li><li>• Why do people like sweetened products</li></ul> Make conclusions about your topics. Try to make your reader understands. Suggest possible recommendations.
Revising	Reread your paper. Check if there is information that you need to add, change, or delete.
Editing	Go over with your paper. Check for the grammar, spelling, capitalization, and punctuation marks.
Publishing	Encode or write your final paper for publication.

1. What is the topic all about?
2. What are the given big and small ideas?
3. What would be the possible content of the research paper?
4. How are you going to start writing your research?
5. Where can you find the conclusion of your topic?
6. Is it important to revise and edit your paper? Why?

## Activity 2

Read and study the given situation below. Help Aling Eva and Mang Canor decide what particular processed/preserved foods they need to sell by conducting simple research. Use the template on Activity 1.1

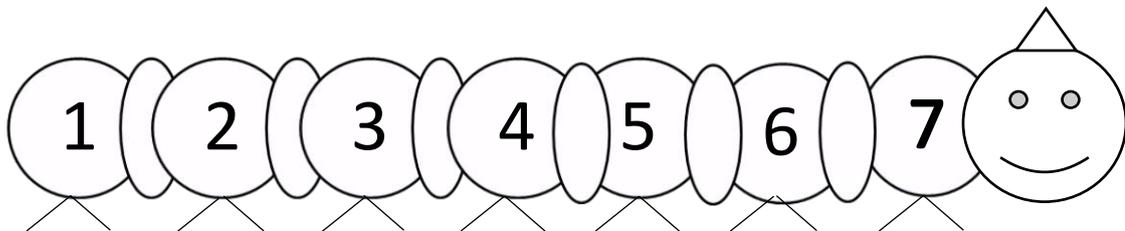
Aling Eva has 6 children. All of them go to school. Mang Canor, her husband is a farmer. He plants papaya, ampalaya, string bean, pepper, and other fruits and vegetables in the garden. They worked hard to send their children to school.

They decided to preserve some of the harvested fruits and vegetables so that they can sell and have an extra income.

The couple lacks knowledge of what particular method to use in order to preserve their harvested fruits and vegetables in the locality.

## Activity 3

Complete the Caterpillar Web with the steps in conducting research. Use a separate sheet of paper to answer.





## ***What I Have Learned***

Complete the thought of the sentence.

The steps in conducting simple research are \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.



## ***What I Can Do***

The puzzle below contains different steps in conducting research. Look for the possible words below. Write your answer on a separate sheet of paper.

s	b	r	a	i	n	s	t	o	r	m	a	t
a	b	k	t	r	t	w	r	i	t	i	n	g
s	t	a	a	a	t	p	l	u	i	i	o	m
a	s	r	e	s	e	a	r	c	h	a	y	a
d	f	g	h	g	k	l	l	v	z	x	c	r
q	w	e	d	i	t	i	n	g	u	i	o	i
a	s	d	f	g	h	y	k	j	l	m	n	n
m	n	b	v	c	l	o	s	i	n	g	z	d
r	a	s	p	b	e	r	r	y	n	a	s	s
p	u	b	l	i	s	h	i	n	g	b	v	c
p	l	a	n	n	i	n	g	r	y	s	a	a



## Assessment

Make a simple research on the topic below. Use the template given. Complete the details needed. Use the rubrics to check your answer.

<b>Brainstorming</b>	<p>Category/Topic</p> <p>Preserved/Processed Food</p> <p>Possible questions:</p> <ol style="list-style-type: none"> <li>1. What are sweetened products?</li> <li>2. What are the common sweetened products available in your locality?</li> <li>3. Why do people patronize these products?</li> </ol>
<b>Planning</b>	(Preserved/Processed Food) examples are pickled, dried, sweetened
<b>Researching</b>	Results of researches made from books, videos, and the internet
<b>Writing</b> - <b>Introduction</b>  - <b>Body</b>  - <b>Closing</b>	<p>Introduce your topic here. (Sweetened Preserved Food)</p> <p>Use headings to discuss your topics:</p> <ul style="list-style-type: none"> <li>• Sweetened products</li> <li>• Common sweetened products</li> <li>• Why do people like sweetened products</li> </ul> <p>Make conclusions about your topics. Try to make your reader understands. Suggest possible recommendations.</p>
<b>Revising</b>	Reread your paper. Check if there is information that you need to add, change, or delete.
<b>Editing</b>	Go over with your paper. Check for the grammar, spelling, capitalization, and punctuation marks.
<b>Publishing</b>	Encode or write your final paper for publication.

		<b>RUBRICS FOR A RESEARCH PAPER</b>			
<b>CATEGORY</b>	<b>Score</b>	<b>10 points</b>	<b>8 points</b>	<b>6 points</b>	<b>4 points</b>
<b>Introduction</b>		Exceptional introduction that grabs the interest of the reader and states topic statement	Proficient introduction that is interesting and states topic statement	Basic introduction that states topic but lacks interest	Weak or no introduction of the topic
<b>Body</b>		Exceptionally critical, relevant, and consistent connections made between evidence and problem with excellent analysis.	Consistent connections made between evidence and the problem and with good analysis.	Some connections made between evidence and the problem with some analysis.	Limited or no connections made between evidence and problem and lack of analysis.
<b>Closing</b>		Excellent summary of the research argument with concluding ideas that impact the reader.	Good summary of the topic with clear concluding ideas.	Basic summary of the topic with some final concluding ideas.	Lack of summary of the topic.
<b>Revising and Editing</b>		Writing is clear and relevant, with no grammatical and/or spelling errors.	Most ideas are stated clearly and are related to the topic, with only minor grammatical and/or spelling errors.	Many ideas require clarification and/or are off-topic or have marginal relevance to the assignment. Many grammatical and/or spellings errors throughout the paper. The paper is very challenging to read due to poor writing flow.	Paper does not meet the criteria for the assignment (too short or incomplete, too long, and/or completely off-topic).
<b>TOTAL SCORE</b>					



## ***Additional Activities***

Using the template on Activity 1 Choose any topic that you would like to research. Submit your research paper using any online platform (Messenger, Whatsapp, IMO etc.)



## Answer Key

<p style="text-align: center;"><b>Assessment</b></p> <p style="text-align: center;">Pupils answer may vary. Use the rubric to check.</p>	<p style="text-align: center;"><b>What's More</b></p> <p style="text-align: center;">Activity 1.1 and 2.1</p> <p style="text-align: center;">Pupils answer may vary. Use the rubric to check.</p> <p style="text-align: center;">Activity 3.1</p> <ol style="list-style-type: none"> <li>1. Brainstorming</li> <li>2. Planning</li> <li>3. Researching</li> <li>4. Writing</li> <li>5. Revising</li> <li>6. Editing</li> <li>7. Publishing</li> </ol>	<p style="text-align: center;"><b>What I Know</b></p> <p style="text-align: center;">Brainstorming Planning Researching Writing A. Introduction B. Body C. Closing Revising Editing Publishing</p>
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Teaching Without Frills; How to Write a Research Paper for Kids/Episode 5/Revising; September 17, 2017; [https://www.youtube.com/watch?v=AsmqTJhFb\\_Y&t=81s](https://www.youtube.com/watch?v=AsmqTJhFb_Y&t=81s)

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