ORGANIC AGRICULTURE INTEGRATION IN BASIC EDUCATION CURRICULUM

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GRADE: **Grade 7**
SUBJECT: **English 7**
DURATION: **1 Session**

LEARNING COMPETENCY:

Provide suggestion in addressing controversial, problematic or debatable ideas, issues or concerns in a selection.

I. SUBJECT MATTER OBJECTIVES:

At the end of the lesson, the students must be able to;

1. Give suggestion from the video presented
2. Explain possible causes of problem presented.

Organic Agriculture Objective:

1. Determine the causes of climate change.

MAIN CONCEPT AND SKILLS

Climate change refers to any significant change in measures of climate (such as temperature, precipitation or wind) lasting for an extended period (decades or longer). Climate change may result from:

Natural factors, such as changes in the sun's intensity or slow changes in the earth's orbit around the sun;

Natural processes within the climate system(e.g. Changes in ocean circulation.)

Human activities that change the atmosphere's composition (e.g. Through burning fossil fuel) and the land surfaces.

Global Warming is an average increase in the temperature of the atmosphere near the Earth's surface and in the troposphere, which can contribute to changes in global climate patterns. Global warming can occur from a variety of causes, both natural and human induced or common , "global warming" often refers to the warming that can occur as a result of increased emission of greenhouse gasses from human activities.

Carbon Footprints

It is an estimate of how much carbon dioxide is produced to support your lifestyle. It is a measure of your impact on the climate based on how much carbon dioxide you produced. Factors that contribute to your carbon footprint include your travel methods and general home energy usage.

MATERIALS AND SOURCES:

This lesson needs the following materials:

DLP, Laptop

CD (Harmony of man) *https://www.youtube.com/watch?v=JPMpKK-YsLg*

Manila paper

Marker pen

Appendix 1.1- Chart (KWL)

Appendix 1.2- Pre-Viewing Quiz

Appendix 1.3- Chart (Activity Sheet)

II. SUBJECT MATTER:

Topic in English: Inferring ideas presented from a video clips

Organic Agriculture: Causes of climate change

III. STRATEGIES:

A. Preliminaries

>Attendance

>Motivation

Appendix 1.1

KWL Chart

K **What I Know about climate change**	**W** **What I want to know about climate change**	**L** **What I've Learned about climate change**

Appendix 1.2

Pre-Viewing Quiz

Before Viewing		Concept	After Viewing	
Agree	Disagree		Agree	Disagree
		1. By reducing your energy demand, you reduce both carbon dioxide release into the atmosphere.		
		2. Almost every summer for the past decade has been hotter than usual is a sign of climate change.		
		3. The Earth's average temperature has increased since the late 1800s when people started burning a lot of coal, oil and natural gases.		
		4. Today's global climate change is mainly caused by people's activities.		
		5. Both natural and human factors change Earth's climate.		

Grouping of the students.

The teacher will show video presentation about issues of climate change

" The Harmony of Man"

B. Presentation of the Lesson

1. Student Activity:

Grouping of the students.

The teacher will show video presentation about issues of climate change

" The Harmony of Man"

Based from the video, list down human activities that contribute to the

improvement/enhancement of human lives. Be prepared to share your answer to your classmate.

Appendix 1.3

No.	Human Activities	Effect to the Environment	Suggested Solution	Effect to the Giv
1				
2				
3				
4				
5				

2. Analysis:
   1. Why are those activities that lead to the enhancement of human lives affect the immediate environment?
   2. In what ways that this activities caused climate change?
3. Abstraction:
   1. What is climate change?
   2. What are your suggestion in addressing the causes of climate change?
4. Application:
   As a responsible person what are your actions to the effects of climate change.

IV. EVALUATION:

Make a poster and slogan regarding climate change on a one whole cartolina and post it on visible areas within the school premises.

V. ASSIGNMENT

Make an action plan about tree planting in your community. Submit your output before the end of second grading.

Family Member	# of trees to be planted	Location	Signature

Appendix 1.1
KWL

K **What I Know about climate change**	**W** **What I want to know about climate change**	**L** **What I've Learned about climate change**

Appendix 1.2

Pre-Viewing Quiz

Before Viewing		Concept	After Viewing	
Agree	Disagree		Agree	Disagree
		2. Imagine that last summer was much hotter than usual where you live,this is a sign of climate change.		
		2. Almost every summer for the past decade has been hotter than usual is a sign of climate change.		
		4. The Earth's average temperature has increased since the late 1800s when people started burning a lot of coal, oil and natural gases.		
		4. Today's global climate change is mainly caused by people's activities.		
		5. Both natural and human factors change Earth's climate.		

Appendix 1.3 Chart (Activity Sheet)

No.	Human Activities	Effect to the Environment	Suggested Solution	Effect to the Given Solution
1				
2				
3				
4				
5				