

ANNEX A

Matrix Results: Mainstreaming CCHRE Using MATATAG Curriculum Guides for Core Subjects

Dominicans for Justice and
Peace's workshop on climate
change and human rights in
Baguio City, 2023.

GRADE 3

SCIENCE		
1 st QUARTER	CONTENT	Materials and their uses
	LEARNING COMPETENCY	Explain that changes in materials can be harmful to living and non-living things in the environment, such as trash disposal, and burning household materials; demonstrate proper handling and disposal of materials according to their properties, such as reusing objects, disposing of excess oil into garbage, and recycling paper, plastic or glass.
2 nd QUARTER	CONTENT	Characteristics of living things
	LEARNING COMPETENCY	Describe the characteristics of living things: they grow, respond, and reproduce; observe examples and explain how living things depend on one another and on the environment to meet their basic needs.
	CONTENT	Basic needs of living things
	LEARNING COMPETENCY	Observe examples and explain how living things depend on one another and on the environment to meet their basic needs; and recognize that there is a need to protect and conserve the environment for living things to survive.
3 rd QUARTER	CONTENT	Patterns in the weather
	LEARNING COMPETENCY	Describe how changes in the weather can affect daily activities and explain how some types of weather can be dangerous for people.

GRADE 4

EPP/TLE

2nd QUARTER	CONTENT	Kahalagahan ng paghahalaman (Importance of gardening)
	LEARNING COMPETENCY	Natatalakay ang mga kahalagahan at kabutihang dulot ng paghahalaman sa tao, hayop, at kalikasan o kapaligiran (Discuss the importance and benefits of gardening for humans, animals, and the environment or ecosystem).

MAPEH

4th QUARTER	CONTENT	Child's basic health rights
	LEARNING COMPETENCY	Discuss child's basic health rights for active living.

SCIENCE

1st QUARTER	CONTENT	Materials and their uses
	LEARNING COMPETENCY	Describe the chemical properties of materials, such as they can be burnt, react with other materials, or are degradable or biodegradable; describe changes in properties of materials when exposed to certain changes in temperature, such as changes when wood or coal are burned.
	CONTENT	Gathering scientific information
	LEARNING COMPETENCY	Identify issues and concerns in the local community and how they could be addressed by science, such as the treatment of waste; and apply science process skills and attitudes in conducting a guided survey about environmental issues and concerns including grouping and classifying, communicating, and open mindedness.
4th QUARTER	CONTENT	Characteristics of the weather
	LEARNING COMPETENCY	Identify some of the basic characteristics used to describe the weather, such as air temperature, air pressure, wind speed, wind direction, humidity, rain, and cloud cover; use weather instruments to measure and record some of the characteristics of weather during a school day.

SOCIAL STUDIES

4th QUARTER	CONTENT	Karapatan at Tungkulin ng Mamamayang Pilipino (Rights and duties of Filipino citizens) 1. Kahulugan (Definition of human rights) 2. Uri ng Karapatan (Types of rights) A. Karaptang Sibil (Civil rights) B. Karapatang Politikal (Political rights) C. Karapatang Panlipunan at Pangkabuhayan (Social and economic rights)
	LEARNING COMPETENCY	Natatalakay ang mga karapatan at tungkulin ng isang mamamayan (Discuss the rights and duties of citizens).

GRADE 5

EPP/TLE		
2 nd QUARTER	CONTENT	Kahalagahan at kabutihang dulot ng pag-aalaga ng poultry animals sa natural na pamamaraan. Kahalagahan sa pag-aalaga ng poultry animals (Importance and benefits of caring for poultry animals using natural methods. Importance of caring for poultry animals) <ul style="list-style-type: none"> Karagdagang kita (Additional income) Hanapbuhay (Livelihood/jobs) Pagkain (Food)
	LEARNING COMPETENCY	Natatalakay ang kahalagahan at kabutihang dulot sa pag-aalaga ng poultry animals sa natural na pamamaraan (Discuss the importance and benefits of caring for poultry animals using natural methods).
MAPEH		
3 rd QUARTER	CONTENT	Dangers of gateway drugs
	LEARNING COMPETENCY	Analyze the negative effects of gateway drugs on the individual, family, and the community.
SCIENCE		
1 st QUARTER	CONTENT	Scientific investigation
	LEARNING COMPETENCY	Describe the steps of a simple science investigation: <ul style="list-style-type: none"> What is the problem? What materials do you need? What do you need to do? What have you found out/learned?
4 th QUARTER	CONTENT	Weather disturbances
	LEARNING COMPETENCY	Describe some effects of weather disturbances that occur in or near the Philippines; describe the weather conditions according to a Public Storm Warning Signal issued by the Philippine Atmospheric, Geological and Astronomical Services Administration (PAGASA).
SOCIAL STUDIES		
3 rd QUARTER	CONTENT	Pagbabagong pananaw at pagtugon ng mga Pilipino sa kolonyalismong Espanyol (Changing attitudes and responses of Filipinos to Spanish colonialism) 1. Mga paraan ng pagtugon ng mga Pilipino sa kolonyalismong Espanyol (Ways of Filipinos response to Spanish colonialism) A. Pag-aalsa (Revolt) B. Pagtanggap sa kapangyarihang kolonyal/pagsuko (Acceptance of colonial power/surrender) C. Paninirahan/pagtatago sa kabundukan (Living/hiding in the mountains)
	LEARNING COMPETENCY	Natatalakay ang katayuan ng kababaihan sa panahon ng kolonyalismong Espanyol (Discuss the status of women during Spanish colonialism).

GRADE 6

EPP/TLE		
2 nd QUARTER	CONTENT	<p>Importance and benefits of fish raising as source of:</p> <ul style="list-style-type: none"> • food • income • employment <p>Benefits of fish raising:</p> <ul style="list-style-type: none"> • values inculcation • health benefits • economic benefits
	LEARNING COMPETENCY	Discuss the importance and benefits in fish raising.
MAPEH		
4 th QUARTER	CONTENT	Understanding Environmental Concerns through One Health (Harmful Effects of Environmental Concerns on Human Health)
	LEARNING COMPETENCY	Discuss the nature and effects of environmental concerns using the concept of One Health.
SCIENCE		
2 nd QUARTER	CONTENT	Biotic and abiotic factors in an ecosystem
	LEARNING COMPETENCY	Describe living things, such as animals and plants, as biotic factors and light, water, temperature, and soil type, as abiotic factors of an ecosystem; and explain how interaction between living things and interactions between living and nonliving things may bring good or harm to the living things involved.
SOCIAL STUDIES		
4 th QUARTER	CONTENT	Politika; Mga Paglabag sa Karapatang Pantao (Politics; Human Rights Violations)
	LEARNING COMPETENCY	Nakabubuo ng kongklusyon ukol sa mga hamong politikal ng Pilipinas mula 1987 hanggang sa kasalukuyan (Drawing conclusions about political challenges of the Philippines from 1987 to the present).

GRADE 7

EPP/TLE		
2 nd QUARTER	CONTENT	Agricultural hazards and risks in farm operations
	LEARNING COMPETENCY	Discuss hazards and risks in farm operations.
MAPEH		
3 rd QUARTER	CONTENT	Importance of healthy eating during adolescence
	LEARNING COMPETENCY	Explain the importance of healthy eating during adolescence.
SCIENCE		
1 st QUARTER	CONTENT	Planning, following, and recording scientific investigations
	LEARNING COMPETENCY	Follow appropriate steps of a scientific investigation which includes: 1. Aim or problem, 2. Materials and equipment, 3. Method or procedures, 4. Results including data, and 5. Conclusion.
SOCIAL STUDIES		
4 th QUARTER	CONTENT	Kalagayang ng Karapatang Pantao sa Pilipinas at Timog Silangang Asya (Human Rights Situation in the Philippines and Southeast Asia) 1. Pagtatatag ng ASEAN Intergovernmental Commission on Human Rights (AICHR) (Establishment of the ASEAN Intergovernmental Commission on Human Rights) 2. ASEAN Human Rights Declaration (AHRD) 3. Mga Isyung hinaharap ng ASEAN kaugnay sa karapatang pantao (Current issues that ASEAN faces relating to human rights)
	LEARNING COMPETENCY	Nasusuri ang papel ng ASEAN sa usapin ng karapatang (Analyzing the role of ASEAN in addressing human rights issues).

GRADE 8

EPP/TLE		
3 rd QUARTER	CONTENT	Aquaculture and fisheries
	LEARNING COMPETENCY	Discuss the background of aquaculture and its relation to fisheries.
MAPEH		
4 th QUARTER	CONTENT	Strategies in evaluating health information, health products and health services
	LEARNING COMPETENCY	Examine health information, health products, health services, and health care providers.
SCIENCE		
3 rd QUARTER	CONTENT	Types of ecosystems in the Philippines
	LEARNING COMPETENCY	Use information from secondary sources to describe the possible effects of human activities, such as deforestation, pollution, and introduction of invasive species, on living things in an ecosystem; and plan to conduct a survey to explore the possibilities for minimizing the negative impacts of human activities on an ecosystem.
	CONTENT	Typhoons
	LEARNING COMPETENCY	Gather information from secondary sources to explain: 1. How typhoons develop, and 2. Why the Philippines is prone to typhoons
4 th QUARTER	CONTENT	Renewable energy
	LEARNING COMPETENCY	Gather information from secondary sources to explain how potential energy stored in lakes and dams in the Philippines is used to produce kinetic energy to generate electricity for use in homes, communities, and industry.
SOCIAL STUDIES		
3 rd QUARTER	CONTENT	Mga Isyung Pampolitika, Pangkabuhayan, at Pangkalikasan (Political, Economic and Environmental Issues)
	LEARNING COMPETENCY	Nasusuri ang mga isyung pampolitika, pangkabuhayan, at pangkalikasang kinakaharap ng daigdig (Political, economic and environmental issues facing the world are analyzed).

GRADE 9

EPP/TLE		
2 nd QUARTER	CONTENT	Agricultural practices in planting crops <ul style="list-style-type: none"> • Soil analysis • Land preparation • Mulching techniques • Planting • Transplanting
	LEARNING COMPETENCY	Perform agricultural practices in planting crops according to natural farming.
MAPEH		
3 rd QUARTER	CONTENT	Issues and trends in world music and arts in relation to Filipino culture (Social Justice and Democracy)
	LEARNING COMPETENCY	Produce creative works about the issues and trends in world performing and visual arts.
4 th QUARTER	CONTENT	Nature and effects of hazards and disasters
	LEARNING COMPETENCY	Analyze the nature and effects of hazards and disasters.
SCIENCE		
3 rd QUARTER	CONTENT	Types of ecosystems in the Philippines
	LEARNING COMPETENCY	Use information from secondary sources to describe the possible effects of human activities, such as deforestation, pollution, and introduction of invasive species, on living things in an ecosystem; and plan to conduct a survey to explore the possibilities for minimizing the negative impacts of human activities on an ecosystem.
SOCIAL STUDIES		
3 rd QUARTER	CONTENT	Kahirapan (Poverty)
	LEARNING COMPETENCY	Nasusuri ang mga dahilan, epekto ng kahirapan (poverty), at ang mga solusyon sa paglutas nito (The causes, effects of poverty, and the solutions to solve it are analyzed).
4 th QUARTER	CONTENT	Sektor ng Agrikultura (Food Security)
	LEARNING COMPETENCY	Nasusuri ang kasalukuyang kalagayan at bahaging ginagampanan ng sektor ng agrikultura sa pambansang ekonomiya (The current state and role of the agricultural sector in the national economy are analyzed).

GRADE 10

EPP/TLE		
1 st QUARTER	CONTENT	Protecting marine environment <ul style="list-style-type: none"> • garbage disposal procedures • guidelines and implementation
	LEARNING COMPETENCY	Discuss protecting the marine environment.
MAPEH		
2 nd QUARTER	CONTENT	Maternal and child health
	LEARNING COMPETENCY	Analyze ways to safeguard the health and wellbeing of mothers and children.
3 rd QUARTER	CONTENT	One Health
	LEARNING COMPETENCY	Integrate the concept of One Health in understanding the interdependence of human, animal, and environmental health.
SCIENCE		
1 st QUARTER	CONTENT	Global climate
	LEARNING COMPETENCY	Identify the role of greenhouse gases in enhanced global warming and climate change; describe how global climatic phenomena, such as the El Niño Southern Oscillation, may impact weather systems.
	CONTENT	Global interactions and local sustainability
	LEARNING COMPETENCY	Identify local impacts of global climate change and suggest ways that individuals can do to reduce the impact of global warming; and explain how increased societal uses of renewable energies could mitigate the effects of global climate change, including how the Philippines could make better use of its plentiful natural resources.
2 nd QUARTER	CONTENT	Renewable Energy and non-renewable energy
	LEARNING COMPETENCY	Gather information from secondary sources to evaluate how renewable and nonrenewable generation of electricity in the Philippines impacts human activities and the environment.

GRADE 10

SOCIAL STUDIES		
1 st QUARTER	CONTENT	<p>Konteksto ng suliraning pangkapaligiran (Context of the environmental problem)</p> <ol style="list-style-type: none"> 1. Man-made 2. Natural 3. Mga Sanhi ng Pagkaubos ng Likas na Yaman (Causes of depletion of natural resources) <ol style="list-style-type: none"> A. Illegal Logging B. Over-Mining C. Deforestation D. Forest degradation E. Illegal Fishing F. Illicit wildlife trade 4. Climate Change: Global Warming
	LEARNING COMPETENCY	Nasusuri ang mga sanhi at epekto ng mga suliraning pangkapaligiran ng daigdig (Analyzes the causes and effects of problems world environment).
4 th QUARTER	CONTENT	<p>Karapatang Pantao (Human rights)</p> <ol style="list-style-type: none"> 1. Konteksto: 1987 Constitution at UDHR (Context: 1987 Constitution and UDHR) 2. Uri (Type) 3. Kahalagahan (Importance)
	LEARNING COMPETENCY	Nasusuri ang kahalagahan ng pagsusulong at pangangalaga sa karapatang pantao sa pagtugon sa mga isyu at hamong panlipunan (Analyze the importance of promoting and protecting human rights in addressing social issues and challenges).
	CONTENT	<p>Mga Isyu at Hamon sa Pagkamamamayan (Issues and challenges in citizenship)</p> <ol style="list-style-type: none"> 1. Paglabag sa Karapatang Pantao (Violations of human rights) 2. Mga Samahang Nagtataguyod sa Karapatang Pantao (Organizations advocating for human rights)
	LEARNING COMPETENCY	Natatalakay ang mga isyu at hamon sa pagkamamamayan (Discussing issues and challenges in citizenship).

