

SCIENCE					
	CONTENT	Materials and their uses			
1st QUARTER	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.			
	CONTENT	Characteristics of living things			
2nd QUARTER	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.			
	CONTENT	Patterns in the weather			
3rd QUARTER	LEARNING COMPETENCY	Describe how changes in the weather can affect daily activities and explain how some types of weather can be dangerous for people.			

EPP/TLE

CONTENT

Kahalagahan ng paghahalaman (Importance of gardening)

LEARNING

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

CONTENT

Child's basic health rights

LEARNING COMPETENCY

Discuss child's basic health rights for active living.

SCIENCE

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.

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

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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).

EPP/TLE

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)

- 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

CONTENT

Dangers of gateway drugs

LEARNING COMPETENCY

Analyze the negative effects of gateway drugs on the individual, family, and the community.

SCIENCE

CONTENT

Scientific investigation

LEARNING COMPETENCY

Describe the steps of a simple science investigation:

• What is the problem?

- What materials do you need? What do you need to do?
- What have you found out/learned?

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

CONTENT

Pagbabagong pananaw at pagtugon ng mga Pilipino sa kolonyalismong Espanyol (Changing attitudes and responses of Filipinos to Spanish colonialism)

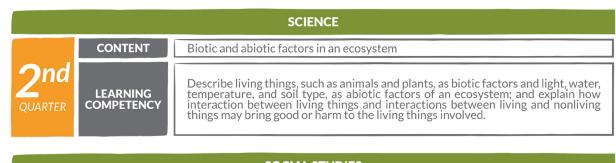
- 1. Mga paraan ng pagtugon ng mga Pilipino sa kolonyalismong Espanyol (Ways of Filipinos response to Spanish colonialism)
 - A. Pag-aalsa (Revolt)
 - B. Pagtanggap sa kapangyarihang kolonyal/pagsuko (Acceptance of colonial power/surrender)
 - C. Paninirahan/pagtatago sa kabundukan (Living/hiding in the mountains)

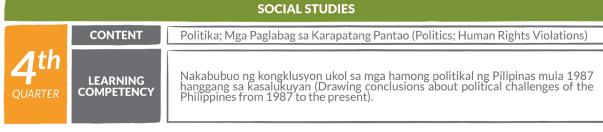
LEARNING COMPETENCY

Natatalakay ang katayuan ng kababaihan sa panahon ng kolonyalismong Espanyol (Discuss the status of women during Spanish colonialism).

CONTENT CON

CONTENT CONTENT Understanding Environmental Concerns through One Health (Harmful Effects of Envrionmental Concerns on Human Health) LEARNING COMPETENCY Discuss the nature and effects of environmental concerns using the concept of One Health.





EPP/TLE

CONTENT

Agricultural hazards and risks in farm operations

LEARNING COMPETENCY

Discuss hazards and risks in farm operations.

MAPEH

CONTENT

Importance of healthy eating during adolescence

LEARNING COMPETENCY

Explain the importance of healthy eating during adolescence.

SCIENCE

CONTENT

LEARNING COMPETENCY

Planning, following, and recording scientific investigations

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

Conclusion.

SOCIAL STUDIES

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).

EPP/TLE CONTENT Aquaculture and fisheries LEARNING COMPETENCY Discuss the background of aquaculture and its relation to fisheries. **MAPEH** CONTENT Strategies in evaluating health information, health products and health services LEARNING Examine health information, health products, health services, and health care COMPETENCY **SCIENCE** CONTENT Types of ecosystems in the Philippines 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 LEARNING COMPETENCY ecosystem. CONTENT **Typhoons** Gather information from secondary sources to explain: LEARNING COMPETENCY 1. How typhoons develop, and 2. Why the Philippines is prone to typhoons CONTENT Renewable energy 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. LEARNING COMPETENCY **SOCIAL STUDIES** Mga Isyung Pampolitika, Pangkabuhayan, at Pangkalikasan (Political, Economic **CONTENT** and Environmental Issues) Nasusuri ang mga isyung pampolitika, pangkabuhayan, at pangkalikasang kinakaharap ng daigdig (Political, economic and environmental issues facing the world are analyzed). LEARNING COMPETENCY

EPP/TLE Agricultural practices in planting crops Soil analysis Land preparation **CONTENT** Mulching techniques Planting Transplanting LEARNING COMPETENCY Perform agricultural practices in planting crops according to natural farming. **MAPEH** Issues and trends in world music and arts in relation to Filipino culture (Social **CONTENT** Justice and Democracy) LEARNING COMPETENCY Produce creative works about the issues and trends in world performing and visual arts. CONTENT Nature and effects of hazards and disasters LEARNING COMPETENCY Analyze the nature and effects of hazards and disasters. **SCIENCE** CONTENT Types of ecosystems in the Philippines 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. LEARNING COMPETENCY ecosystem. **SOCIAL STUDIES** CONTENT Kahirapan (Poverty) 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). LEARNING COMPETENCY Sektor ng Agrikultura (Food Security) CONTENT 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). LEARNING COMPETENCY

EPP/TLE Protecting marine environment CONTENT • garbage disposal procedures guidelines and implementation LEARNING COMPETENCY Discuss protecting the marine environment. **MAPEH** CONTENT Maternal and child health LEARNING COMPETENCY Analyze ways to safeguard the health and wellbeing of mothers and children. CONTENT One Health LEARNING COMPETENCY Integrate the concept of One Health in understanding the interdependence of human, animal, and environmental health. **SCIENCE** CONTENT Global climate 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. LEARNING COMPETENCY CONTENT Global interactions and local sustainability 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 LEARNING COMPETENCY resources. CONTENT Renewable Energy and non-renewable energy Gather information from secondary sources to evaluate how renewable and nonrenewable generation of electricity in the Philippines impacts human activities LEARNING COMPETENCY and the environment.

SOCIAL STUDIES							
1st QUARTER	CONTENT	Konteksto ng suliraning pangkapaligiran (Context of the environmental problem) 1. Man-made					
	LEARNING COMPETENCY	Nasusuri ang mga sanhi at epekto ng mga suliraning pangkapaligiran ng daigdig (Analyzes the causes and effects of problems world environment).					
4th QUARTER	CONTENT	Karapatang Pantao (Human rights) 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	Mga Isyu at Hamon sa Pagkamamamayan (Issues and challenges in citizenship) 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).					