

## Scope and Sequence Chart

### CHAPTER 1 MATTER

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 1 Characteristics and Forms of Matter</b>	<ul style="list-style-type: none"> <li>• Everything that can be seen and observed in the environment is matter.</li> <li>• Matter occupies space.</li> <li>• Matter has mass. Mass is the amount of matter an object has.</li> <li>• Matter has different forms, phases, or states.</li> <li>• Matter can be solid, liquid, or gas.</li> </ul>	<ul style="list-style-type: none"> <li>• How does understanding the characteristics of matter become useful in every life?</li> <li>• Why is it important to distinguish objects and materials as solids, liquids, and gases?</li> <li>• How does learning the changes that undergo in solids, liquids, and gases become beneficial to people?</li> </ul>	<ul style="list-style-type: none"> <li>• Recognize things as matter</li> <li>• Identify the characteristics of matter</li> <li>• Compare objects in terms of their mass</li> <li>• Differentiate the forms of matter</li> </ul>	<ul style="list-style-type: none"> <li>• Describe different objects based on their characteristics</li> <li>• Classify objects and materials as solids, liquids, and gases based on some observable characteristics</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying and describing matter that can be found inside the classroom</li> <li>• Classifying things that can be found inside one's house as solid, liquid, or gas</li> <li>• Explaining the general characteristics of matter</li> <li>• Performing simple investigative activities about the characteristics and forms of matter</li> <li>• Discussing the characteristics and forms of matter</li> </ul>	<ul style="list-style-type: none"> <li>• Taking care of God's creations, whether these are living or nonliving things</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 2 Changes in Matter</b>	<ul style="list-style-type: none"> <li>• Matter undergoes changes.</li> </ul>	<ul style="list-style-type: none"> <li>• What causes change in the objects and materials around you?</li> <li>• How is your life affected by the different changes in matter?</li> </ul>	<ul style="list-style-type: none"> <li>• State that matter can change from one form or phase to another</li> <li>• Cite evidence that matter changes from one phase to another</li> <li>• Identify changes that matter undergoes</li> <li>• Explain why one should accept changes in everyday life</li> </ul>	<ul style="list-style-type: none"> <li>• Describe different objects based on their characteristics</li> <li>• Classify objects and materials as solids, liquids, and gases based on some observable characteristics</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying and describing the changes in matter</li> <li>• Classifying things that can be found inside one's house that undergoes change from one phase to another</li> <li>• Explaining the changes in matter</li> <li>• Performing simple investigative activities about the changes in matter</li> <li>• Discussing the changes that matter undergoes as a result of change in temperature</li> </ul>	<ul style="list-style-type: none"> <li>• Practicing proper use and care for the materials that are used almost every day</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

**CHAPTER 2 THE SENSE ORGANS**

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<p><b>Lesson 1</b> <b>The Eyes</b></p>	<ul style="list-style-type: none"> <li>• Sense organs are body parts that help people know what is happening around them.</li> <li>• The eyes are the sense organs for seeing.</li> <li>• The eyes help people recognize the things in their surroundings.</li> </ul>	<ul style="list-style-type: none"> <li>• How could a person live a normal life if one of his/her sense organs is not functioning well?</li> <li>• Why are all sense organs important?</li> <li>• How would one take care of his/her eyes?</li> </ul>	<ul style="list-style-type: none"> <li>• Enumerate the functions of the eyes</li> <li>• Describe the characteristics of objects seen</li> <li>• Classify objects seen according to their color, size, and shape</li> <li>• Name the outer parts of the eye</li> <li>• State the functions of the outer parts of the eye</li> <li>• Cite the importance of caring for one's eyes and sense of sight</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the parts and functions of the sense organs of the human body</li> <li>• Enumerate healthful habits to protect the sense organs</li> </ul>	<ul style="list-style-type: none"> <li>• Enumerating the parts and functions of the eyes</li> <li>• Identifying and describing the characteristics of an object seen</li> <li>• Classifying objects seen according to their color, size, and shape</li> <li>• Explaining the general characteristics and uses of the eyes</li> <li>• Performing simple investigative activities about the eyes</li> <li>• Discussing the proper ways to care for the eyes</li> </ul>	<ul style="list-style-type: none"> <li>• Being thankful for one's sense of sight</li> <li>• Using one's sense of sight to help others</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 2</b> <b>The Ears</b>	<ul style="list-style-type: none"> <li>• The ear is the sense organ for hearing.</li> <li>• It helps people hear soft and loud sounds.</li> </ul>	<ul style="list-style-type: none"> <li>• How does the sense of hearing affect one's life?</li> <li>• Why do people need to practice healthful habits for their ears?</li> <li>• How could one benefit from understanding the functions of the ear?</li> </ul>	<ul style="list-style-type: none"> <li>• State the functions of the ears</li> <li>• Compare a loud sound with a soft sound</li> <li>• Identify the parts of the ears</li> <li>• Explain the functions of each part of the ear</li> <li>• Cite the importance of caring for one's ears and sense of hearing</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the parts and functions of the sense organs of the human body</li> <li>• Enumerate healthful habits to protect the sense organs</li> </ul>	<ul style="list-style-type: none"> <li>• Enumerating the parts and functions of the ears</li> <li>• Identifying and describing the characteristics of the different sounds of objects</li> <li>• Classifying objects heard according to their sound</li> <li>• Explaining the general characteristics and uses of the ears</li> <li>• Performing simple investigative activities about the ears</li> <li>• Discussing the proper ways to care for the ears</li> </ul>	<ul style="list-style-type: none"> <li>• Being thankful for one's sense of hearing</li> <li>• Observing silence when this is required or needed</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 3</b> <b>The Nose</b>	<ul style="list-style-type: none"> <li>• The nose is the sense organ for smelling.</li> <li>• It helps people smell and distinguish pleasant and unpleasant odors.</li> </ul>	<ul style="list-style-type: none"> <li>• How does the sense of smell affect one's life?</li> <li>• Why do people need to practice healthful habits for their nose?</li> <li>• How could one benefit from understanding the functions of the nose?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the functions of the nose</li> <li>• Describe the smell of an object</li> <li>• Tell if an object or thing has pleasant or unpleasant smell</li> <li>• Identify the parts of the nose</li> <li>• State the functions of each part of the nose</li> <li>• Explain how the nose works or functions</li> <li>• Cite the importance of caring for one's nose and sense of smell</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the parts and functions of the sense organs of the human body</li> <li>• Enumerate healthful habits to protect the sense organs</li> </ul>	<ul style="list-style-type: none"> <li>• Enumerating the parts and functions of the nose</li> <li>• Identifying and describing the characteristics of different objects based on their smell</li> <li>• Classifying objects according to their smell</li> <li>• Explaining the general characteristics and uses of the nose</li> <li>• Performing simple investigative activities about the nose</li> <li>• Discussing the proper ways to care for the nose</li> </ul>	<ul style="list-style-type: none"> <li>• Being thankful for one's sense of smell</li> <li>• Smelling good as a result of practicing proper hygiene</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 4</b> <b>The Tongue</b>	<ul style="list-style-type: none"> <li>• The tongue is the sense organ that helps people tell the taste of food.</li> </ul>	<ul style="list-style-type: none"> <li>• How can one live a normal life if his/her sense of taste is not functioning well?</li> <li>• How does the sense of taste affect one's life?</li> <li>• Why is it important practice healthful habits for one's tongue?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the functions of the tongue</li> <li>• Describe the taste of a substance or a food item</li> <li>• Classify objects or things according to their taste</li> <li>• Cite the importance of caring for one's tongue and sense of taste</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the parts and functions of the sense organs of the human body</li> <li>• Enumerate healthful habits to protect the sense organs</li> </ul>	<ul style="list-style-type: none"> <li>• Enumerating the parts and functions of the tongue</li> <li>• Identifying and describing the taste of a substance or a food item</li> <li>• Classifying objects according to their taste</li> <li>• Explaining the general characteristics and uses of the tongue</li> <li>• Performing simple investigative activities about the tongue</li> <li>• Discussing the proper ways to care for the tongue</li> </ul>	<ul style="list-style-type: none"> <li>• Being thankful for one's sense of taste</li> <li>• Appreciating food and not wasting it</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 5</b> <b>The Skin</b>	<ul style="list-style-type: none"> <li>• The skin is the sense organ that covers and protects the whole body.</li> <li>• It helps people feel things.</li> </ul>	<ul style="list-style-type: none"> <li>• How can one live a normal life if his/her sense of touch is not functioning well?</li> <li>• How does the sense of touch affect one's life?</li> <li>• Why is it important to practice healthful habits for one's skin?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the functions of the skin</li> <li>• Describe the characteristics of objects felt using the sense of touch</li> <li>• Classify objects according to their texture</li> <li>• Identify the layers of the skin</li> <li>• Explain how the skin works or functions</li> <li>• Cite the importance of taking care of one's skin</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the parts and functions of the sense organs of the human body</li> <li>• Enumerate healthful habits to protect the sense organs</li> </ul>	<ul style="list-style-type: none"> <li>• Enumerating the parts and functions of the skin</li> <li>• Identifying and describing the characteristics of objects felt by the skin</li> <li>• Classifying objects according to their texture</li> <li>• Explaining the general characteristics and uses of the skin</li> <li>• Performing simple investigative activities about the skin</li> <li>• Discussing the proper ways to care for the skin</li> </ul>	<ul style="list-style-type: none"> <li>• Appreciation for one's skin and how it allows one to experience more about the surroundings</li> <li>• Being sensitive to the feelings of others</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

**CHAPTER 3 ANIMALS**

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<p><b>Lesson 1</b> <b>Body Parts of Animals</b></p>	<ul style="list-style-type: none"> <li>Animals have different body parts. They use these parts to get food, to move, and to protect themselves.</li> </ul>	<ul style="list-style-type: none"> <li>How do the body parts of animals help them survive?</li> <li>How do the characteristics of animals help them adapt to their environment?</li> </ul>	<ul style="list-style-type: none"> <li>Identify the body parts used by animals as body covering, to move around, to get food, and to protect themselves</li> <li>State the use of each body part of an animal</li> <li>Describe how animals move, get their food, and protect themselves</li> <li>Realize the value of caring for animals</li> </ul>	<ul style="list-style-type: none"> <li>Identify the parts and uses of animals</li> <li>Classify animals according to body parts and uses</li> </ul>	<ul style="list-style-type: none"> <li>Identifying and describing the body parts used by animals as body covering, to move around, to get food, and to protect themselves</li> <li>Explaining the general characteristics of the body parts of animals</li> <li>Performing simple investigative activities about the body parts of animals</li> </ul>	<ul style="list-style-type: none"> <li>Taking care of animals, even those that are not pets</li> <li>Treating one's pet with love and care</li> </ul>	<ul style="list-style-type: none"> <li>Group activities</li> <li>Oral and written exercises</li> <li>Games</li> <li>Quiz</li> <li>Journal writing</li> <li>Performance task</li> </ul>



Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 2 Animal Habitats</b>	<ul style="list-style-type: none"> <li>Animals need places in which to live. The place where an animal lives is called its <i>habitat</i>.</li> </ul>	<ul style="list-style-type: none"> <li>What makes a habitat a good home?</li> <li>How are animal habitats different from and the same with one another?</li> </ul>	<ul style="list-style-type: none"> <li>Identify the natural habitats of animals</li> <li>Differentiate habitats that are made by animals from those made by people</li> <li>Classify animals according to their habitats</li> <li>Infer that animals have special body parts that help them live in their habitats</li> <li>State the different ways of protecting the habitats of animals</li> </ul>	<ul style="list-style-type: none"> <li>Describe animals in their immediate surroundings</li> </ul>	<ul style="list-style-type: none"> <li>Identifying the natural habitats of animals</li> <li>Differentiating habitats that are made by animals from those made by people</li> <li>Classifying animals according to their habitats</li> <li>Explaining the general characteristics of the habitats of animals</li> <li>Performing simple investigative activities about the habitats of animals</li> </ul>	<ul style="list-style-type: none"> <li>Preserving the natural habitats of animals</li> <li>Taking care of one's home</li> </ul>	<ul style="list-style-type: none"> <li>Group activities</li> <li>Oral and written exercises</li> <li>Games</li> <li>Quiz</li> <li>Journal writing</li> <li>Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 3 Animals and Their Young</b>	<ul style="list-style-type: none"> <li>Some animals give birth to their young or baby animals, while others lay eggs.</li> </ul>	<ul style="list-style-type: none"> <li>How are animals alike and different?</li> <li>How do animals care for their young?</li> </ul>	<ul style="list-style-type: none"> <li>Identify the young of a given parent animal</li> <li>Describe the similarities between a parent animal and its young in terms of their body covering and size</li> <li>Differentiate animals that are born alive from those that are hatched from eggs</li> <li>Describe the stages of growth of some animals</li> <li>State ways to show obedience to one's parents</li> </ul>	<ul style="list-style-type: none"> <li>Classify animals as born alive or hatched from egg</li> </ul>	<ul style="list-style-type: none"> <li>Identifying the young of a given parent animal</li> <li>Describing the similarities between a parent animal and its young in terms of their body covering and size</li> <li>Comparing animals that are born alive with those that are hatched from eggs</li> <li>Explaining the difference between animals that are born alive and those that are hatched from egg</li> <li>Performing simple investigative activities about animals and their young</li> </ul>	<ul style="list-style-type: none"> <li>Being thankful for and obedient to one's parents</li> <li>Appreciating the love and care one's parents are giving</li> </ul>	<ul style="list-style-type: none"> <li>Group activities</li> <li>Oral and written exercises</li> <li>Games</li> <li>Quiz</li> <li>Journal writing</li> <li>Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 4</b> <b>The Needs of Animals</b>	<ul style="list-style-type: none"> <li>• Animals are living things. They need food, air, water, and shelter to survive.</li> <li>• They also need to be protected from harm.</li> <li>• Pet animals have needs in order to survive.</li> </ul>	<ul style="list-style-type: none"> <li>• What are the different needs of animals in order to survive?</li> <li>• How do humans provide these needs?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the different needs of animals</li> <li>• Explain the effects on animals when their needs are not met</li> <li>• State the importance of giving proper care to animals</li> </ul>	<ul style="list-style-type: none"> <li>• State the different needs of animals</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying the different needs of animals</li> <li>• Explaining the effects on animals when their needs are not met</li> <li>• Stating the importance of giving proper care to animals</li> <li>• Performing simple investigative activities about the needs of animals</li> </ul>	<ul style="list-style-type: none"> <li>• Realization that without food, water, air, and shelter, animals cannot survive on Earth</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 5</b> <b>The Uses of Animals</b>	<ul style="list-style-type: none"> <li>• Animals are important to people.</li> <li>• People use animals for many purposes.</li> </ul>	<ul style="list-style-type: none"> <li>• Why are animals important to humans?</li> <li>• How do animals help people?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the different uses of animals</li> <li>• Classify animals according to their uses</li> <li>• Explain how animals are important to people</li> </ul>	<ul style="list-style-type: none"> <li>• Classify animals according to use</li> <li>• State the importance of animals to humans</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying the different uses of animals</li> <li>• Classifying animals according to their uses</li> <li>• Explaining how animals are important to people</li> <li>• Performing simple investigative activities about the uses of animals</li> </ul>	<ul style="list-style-type: none"> <li>• Proper treatment of animals by showing them kindness and love</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 6</b> <b>Caring for Pet Animals</b>	<ul style="list-style-type: none"> <li>• A pet animal is a tamed animal that usually lives with people.</li> <li>• There are things that people should do to take care of animals.</li> </ul>	<ul style="list-style-type: none"> <li>• How do you show that you care for your pets?</li> <li>• What is your responsibility to the animals that depend on your care?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify ways on how to care for pet animals</li> <li>• Explain the effects of lack of care on animals</li> <li>• Cite the importance of caring for animals</li> </ul>	<ul style="list-style-type: none"> <li>• Describe ways of proper handling of animals</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying ways on how to care for pet animals</li> <li>• Explaining the effects of lack of care on animals</li> <li>• Citing the importance of caring for pet animals</li> <li>• Explaining the different ways on how to care for pet animals</li> <li>• Performing simple investigative activities about caring for pet animals</li> </ul>	<ul style="list-style-type: none"> <li>• Treating everyone with kindness and love</li> <li>• Being thankful for animals</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

**CHAPTER 4 PLANTS**

<b>Lesson Title</b>	<b>Big Ideas</b>	<b>Essential Questions</b>	<b>Objectives</b>	<b>K to 12 Learning Competencies</b>	<b>Learning Activities</b>	<b>Values</b>	<b>Assessment Tools</b>
<p><b>Lesson 1</b> <b>Parts of Plants</b></p>	<ul style="list-style-type: none"> <li>Plant parts include roots, stems or trunks, leaves, flowers, seeds, and fruits.</li> </ul>	<ul style="list-style-type: none"> <li>What are the parts of a plant?</li> <li>What does each part of a plant do to help the plant grow?</li> </ul>	<ul style="list-style-type: none"> <li>Identify the parts of a plant</li> <li>Explain the functions of each part of a plant</li> <li>Identify the different uses of plant parts</li> <li>Describe how plants make food</li> </ul>	<ul style="list-style-type: none"> <li>Describe the parts of different kinds of plants</li> </ul>	<ul style="list-style-type: none"> <li>Identifying the parts of a plant</li> <li>Explaining the functions of each part of a plant</li> <li>Identifying the different uses of plant parts</li> <li>Describing how plants make food</li> <li>Performing simple investigative activities about the parts of plants</li> </ul>	<ul style="list-style-type: none"> <li>Working harmoniously with a group and appreciating each group member</li> </ul>	<ul style="list-style-type: none"> <li>Group activities</li> <li>Oral and written exercises</li> <li>Games</li> <li>Quiz</li> <li>Concept mapping</li> <li>Journal writing</li> <li>Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 2</b> <b>Kinds of Plants</b>	<ul style="list-style-type: none"> <li>• The different kinds of plants are trees, shrubs, herbs, and vines.</li> </ul>	<ul style="list-style-type: none"> <li>• How are plants grouped?</li> <li>• What are the different kinds of plants?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify and describe the different kinds of plants</li> <li>• Classify plants according to their kind</li> <li>• Give examples of plants for each kind</li> </ul>	<ul style="list-style-type: none"> <li>• Make a survey of plants found in the community and their specific habitats</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying and describing the different kinds of plants</li> <li>• Classifying plants according to their kind</li> <li>• Giving examples of plants for each kind</li> <li>• Explaining the general characteristics of the different kinds of plants</li> <li>• Performing simple investigative activities about the kinds of plants</li> </ul>	<ul style="list-style-type: none"> <li>• Appreciating the beauty of nature</li> <li>• Protecting and preserving plants</li> <li>• Giving importance to plants as they are valuable resources</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 3</b> <b>Plant Growth</b>	<ul style="list-style-type: none"> <li>• Plants change in size as they grow.</li> <li>• Plant parts also change during growth.</li> </ul>	<ul style="list-style-type: none"> <li>• What are the changes in plants as they grow?</li> <li>• What are the stages of growth of plants?</li> </ul>	<ul style="list-style-type: none"> <li>• Infer that plants change as they grow</li> <li>• Identify the changes in plants due to growth</li> <li>• Trace the stages of plant growth</li> </ul>	<ul style="list-style-type: none"> <li>• State that plant changes as it grows</li> </ul>	<ul style="list-style-type: none"> <li>• Inferring that plants change as they grow</li> <li>• Identifying the changes in plants due to growth</li> <li>• Tracing the stages of plant growth</li> <li>• Explaining the difference of growth among plants</li> <li>• Performing simple investigative activities about the growth of plants</li> </ul>	<ul style="list-style-type: none"> <li>• Being a better version of oneself</li> <li>• Accepting changes positively</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>



Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 4</b> <b>Needs of Plants</b>	<ul style="list-style-type: none"> <li>• Plants need water, good soil, sunlight, and air (carbon dioxide) to make their food and to grow.</li> </ul>	<ul style="list-style-type: none"> <li>• What are the different needs of plants in order to survive?</li> <li>• How do humans provide these needs?</li> </ul>	<ul style="list-style-type: none"> <li>• Infer that plants have needs</li> <li>• Identify the different needs of plants</li> <li>• State the importance of giving what plants need</li> <li>• Enumerate ways to care for plants</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the basic needs of humans, plants, and animals such as air, food, water, and shelter</li> </ul>	<ul style="list-style-type: none"> <li>• Inferring that plants have needs</li> <li>• Identifying the different needs of plants</li> <li>• Stating the importance of giving what plants need</li> <li>• Performing simple investigative activities about the needs of plants</li> </ul>	<ul style="list-style-type: none"> <li>• Taking care of plants</li> <li>• Being sensitive to the needs of others</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Concept mapping</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 5</b> <b>Uses of Plants</b>	<ul style="list-style-type: none"> <li>• Plants can be used, as food, sources of clothing and building materials, medicines, and decoration.</li> </ul>	<ul style="list-style-type: none"> <li>• Why are plants important to humans?</li> <li>• How do plants help people?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the different uses of plants</li> <li>• Classify plants according to their uses</li> <li>• Name things made of materials from plants</li> <li>• Cite ways to help protect plants</li> </ul>	<ul style="list-style-type: none"> <li>• State the importance of plants to humans</li> <li>• Describe ways of caring and proper handling of plants</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying the different uses of plants</li> <li>• Classifying plants according to their uses</li> <li>• Naming things made of materials from plants</li> <li>• Citing ways to help protect plants</li> <li>• Performing simple investigative activities about the uses of plants</li> </ul>	<ul style="list-style-type: none"> <li>• Conserving things made of materials from plants</li> <li>• Avoiding the excessive cutting of trees and wastage of indigenous materials</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

**CHAPTER 5 GROWTH AND CHANGE IN PEOPLE**

<b>Lesson Title</b>	<b>Big Ideas</b>	<b>Essential Questions</b>	<b>Objectives</b>	<b>K to 12 Learning Competencies</b>	<b>Learning Activities</b>	<b>Values</b>	<b>Assessment Tools</b>
<p><b>Lesson 1</b> <b>The Stages of Growth</b></p>	<ul style="list-style-type: none"> <li>Each stage of growth is related to a person's age and to the things he/she can do.</li> </ul>	<ul style="list-style-type: none"> <li>What are the different stages of growth?</li> <li>How are the stages of growth related to the things a person can do?</li> </ul>	<ul style="list-style-type: none"> <li>Identify the different stages of growth in a person</li> <li>Describe the changes observed as one grows</li> <li>Articulate one's realization of the value of expressing one's gratitude to people who contributed to one's growth</li> </ul>	<ul style="list-style-type: none"> <li>Identify observable characteristics that are passed on from parents to offspring (e.g., humans, animals, plants)</li> </ul>	<ul style="list-style-type: none"> <li>Identifying the different stages of growth in a person</li> <li>Describing the changes observed as one grows</li> <li>Articulating one's realization of the value of expressing one's gratitude to people who contributed to one's growth</li> <li>Explaining the stages of growth</li> <li>Performing simple investigative activities about the stages of growth</li> </ul>	<ul style="list-style-type: none"> <li>Showing gratitude and appreciation to people who have been a part of one's growth</li> </ul>	<ul style="list-style-type: none"> <li>Group activities</li> <li>Oral and written exercises</li> <li>Games</li> <li>Quiz</li> <li>Journal writing</li> <li>Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 2</b> <b>The Three Food Groups</b>	<ul style="list-style-type: none"> <li>The body needs different kinds of food to grow healthy.</li> </ul>	<ul style="list-style-type: none"> <li>What are the different food groups?</li> <li>Why does the body need different kinds of food to grow healthy?</li> </ul>	<ul style="list-style-type: none"> <li>Differentiate go, grow, and glow foods</li> <li>Identify the go, grow, and glow foods in one's meal</li> <li>State the importance of the three food groups</li> </ul>	<ul style="list-style-type: none"> <li>Identify the basic needs of humans such as air, food, water, and shelter</li> </ul>	<ul style="list-style-type: none"> <li>Differentiating go, grow, and glow foods</li> <li>Identifying the go, grow, and glow foods in one's meal</li> <li>Stating the importance of the three food groups</li> <li>Explaining the general characteristics of the different food groups</li> <li>Performing simple investigative activities about the three food groups</li> </ul>	<ul style="list-style-type: none"> <li>Realization of the importance of eating the right kinds of food</li> <li>Eating together as a family</li> </ul>	<ul style="list-style-type: none"> <li>Group activities</li> <li>Oral and written exercises</li> <li>Games</li> <li>Quiz</li> <li>Journal writing</li> <li>Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 3 Proper Eating Habits</b>	<ul style="list-style-type: none"> <li>• A balanced diet is a combination of food and drink with the right amount of nutrients that the body needs. It includes food from the three food groups. It also includes water.</li> <li>• In addition to having a balanced diet, one should also develop and practice good eating habits to keep the body strong and healthy.</li> </ul>	<ul style="list-style-type: none"> <li>• What is a balanced diet?</li> <li>• Why should one practice healthy eating habits?</li> </ul>	<ul style="list-style-type: none"> <li>• Define <i>balanced diet</i></li> <li>• Enumerate healthy eating habits</li> <li>• Assess one's eating habits</li> <li>• State the importance of developing and practicing healthy eating habits</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the basic needs of humans such as air, food, water, and shelter</li> </ul>	<ul style="list-style-type: none"> <li>• Defining a balanced diet</li> <li>• Enumerating healthy eating habits</li> <li>• Assessing one's eating habits</li> <li>• Stating the importance of developing and practicing healthy eating habits</li> <li>• Performing simple investigative activities about proper eating habits</li> </ul>	<ul style="list-style-type: none"> <li>• Developing and practicing healthy eating habits to stay healthy and smart</li> <li>• Being conscious of what one eats</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 4 Changes in Height and Weight</b>	<ul style="list-style-type: none"> <li>The height and weight of most children change as they grow.</li> </ul>	<ul style="list-style-type: none"> <li>How does height and weight affect a person's growth?</li> <li>Why is it important to know one's height and weight?</li> </ul>	<ul style="list-style-type: none"> <li>Describe how height and weight change due to growth</li> <li>Explain the observable changes that happen as a child grows</li> <li>Measure one's height using a meter stick</li> <li>Find one's weight using a weighing scale</li> <li>Interpret information from a growth chart</li> <li>Cite ways to show gratitude to the people who contributed to one's growth</li> </ul>	<ul style="list-style-type: none"> <li>Identify observable changes that happen as a child grows</li> </ul>	<ul style="list-style-type: none"> <li>Describing how height and weight change due to growth</li> <li>Explaining the observable changes that happen as a child grows</li> <li>Measuring one's height using a meter stick</li> <li>Finding one's weight using a weighing scale</li> <li>Interpreting information from a growth chart</li> <li>Citing ways to show gratitude to the people who contributed to one's growth</li> <li>Performing simple investigative activities about height and weight</li> </ul>	<ul style="list-style-type: none"> <li>Showing gratitude to the people who contributed to one's growth</li> <li>Being aware of not judging people based on their physical look</li> </ul>	<ul style="list-style-type: none"> <li>Group activities</li> <li>Oral and written exercises</li> <li>Games</li> <li>Quiz</li> <li>Journal writing</li> <li>Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 5 Changes in People's Activities</b>	<ul style="list-style-type: none"> <li>• The activities that a child does change as he/she grows.</li> </ul>	<ul style="list-style-type: none"> <li>• How does growth affect a child's activities as he/she grows?</li> <li>• Why does a child's likes and dislikes change as he/she grows?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the changes in the activities of a person during different stages of growth</li> <li>• Describe the activities that one can do when he/she was young and those that he/she can do now</li> <li>• State the importance of doing activities that can help others</li> <li>• Express the importance of the value of showing respect on individual differences</li> </ul>	<ul style="list-style-type: none"> <li>• Identify changes that happen as a child grows</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying the changes in the activities of a person during different stages of growth</li> <li>• Describing the activities that one can do when he/she was young and those that he/she can do now</li> <li>• Stating the importance of doing activities that can help others</li> <li>• Expressing the importance of the value of showing respect on individual differences</li> <li>• Performing simple investigative activities about the changes in people's activities during growth</li> </ul>	<ul style="list-style-type: none"> <li>• Learning to cope with the changes that one experiences due to growth</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

**CHAPTER 6 FORCE AND MOTION**

<b>Lesson Title</b>	<b>Big Ideas</b>	<b>Essential Questions</b>	<b>Objectives</b>	<b>K to 12 Learning Competencies</b>	<b>Learning Activities</b>	<b>Values</b>	<b>Assessment Tools</b>
<p><b>Lesson 1 Force and Motion in Everyday Life</b></p>	<ul style="list-style-type: none"> <li>• Force is anything that causes objects to move.</li> <li>• The change in the position or direction of an object is called <i>motion</i>.</li> <li>• Pushing and pulling make objects move or change their position.</li> </ul>	<ul style="list-style-type: none"> <li>• How does force affect objects?</li> <li>• What makes objects move?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify pushing and pulling as forces that can move objects</li> <li>• Demonstrate that pushing and pulling make objects move</li> <li>• Infer that wind and flowing water make things move</li> <li>• Identify things that move due to wind and flowing water</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the position of a person or an object in relation to a reference point such as chair, door, or another person</li> <li>• Identify things that can make objects move such as people, water, wind, or magnets</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying pushing and pulling as forces that can move objects</li> <li>• Demonstrating that pushing and pulling make objects move</li> <li>• Inferring that wind and flowing water make things move</li> <li>• Identifying things that move due to wind and flowing water</li> <li>• Performing simple investigative activities about force and motion</li> </ul>	<ul style="list-style-type: none"> <li>• Being conscious of one's movements to avoid too much use of force and hurting others</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>



Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 2</b> <b>Kinds of Forces</b>	<ul style="list-style-type: none"> <li>• Electricity is a kind of force or energy that builds up in one place before flowing out to another.</li> <li>• Electrical force can make objects move.</li> <li>• Magnetic force is the attraction of a metallic object to a magnet.</li> <li>• A magnet is a piece of iron or steel that can attract metallic things to it. Metallic objects move close to a magnet even if the magnet does not directly touch them.</li> <li>• Gravity is a force that pulls everything toward the ground. It is the same force that keeps things from floating in space.</li> </ul>	<ul style="list-style-type: none"> <li>• What are the kinds of forces that make objects move and work?</li> <li>• How does each kind of force affect objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate that electrical, magnetic, and gravitational forces can move some objects</li> <li>• Identify the kind of force that moves objects</li> <li>• Enumerate ways by which one can do things without being told</li> </ul>	<ul style="list-style-type: none"> <li>• Identify things that can make objects move such as people, water, wind, and magnets</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrating that electrical, magnetic, and gravitational forces can move some objects</li> <li>• Identifying the kind of force that moves objects</li> <li>• Enumerating ways by which one can do things without being told</li> <li>• Performing simple investigative activities about the kinds of forces</li> </ul>	<ul style="list-style-type: none"> <li>• Learning to work independently and do things without being told</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

**CHAPTER 7 ENERGY**

<b>Lesson Title</b>	<b>Big Ideas</b>	<b>Essential Questions</b>	<b>Objectives</b>	<b>K to 12 Learning Competencies</b>	<b>Learning Activities</b>	<b>Values</b>	<b>Assessment Tools</b>
<p><b>Lesson 1 Heat and Light Sources</b></p>	<ul style="list-style-type: none"> <li>• Energy is the ability to do work.</li> <li>• The sun is the main source of heat and light on Earth.</li> </ul>	<ul style="list-style-type: none"> <li>• How does energy affect living and nonliving things?</li> <li>• What will happen if we do not conserve energy?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the different forms of energy</li> <li>• Differentiate heat from light energy</li> <li>• Classify objects according to the energy they give</li> <li>• Name sources of heat and light</li> <li>• Distinguish natural from artificial sources of light</li> <li>• Cite the importance of conserving heat and light energies</li> </ul>	<ul style="list-style-type: none"> <li>• Explain the effects of force applied to an object</li> <li>• Describe the sources of light, sound, heat, and electricity</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying the different forms of energy</li> <li>• Comparing heat with light energy</li> <li>• Classifying objects according to the energy they give</li> <li>• Naming sources of heat and light</li> <li>• Distinguishing natural from artificial sources of light</li> <li>• Citing the importance of conserving heat and light energies</li> </ul>	<ul style="list-style-type: none"> <li>• Using heat and light energies wisely</li> <li>• Conserving or saving energy at home and in school</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 2</b> <b>The Behavior of Light</b>	<ul style="list-style-type: none"> <li>• Light behaves differently as it strikes different objects. It interacts with transparent, translucent, and opaque objects.</li> <li>• Light travels in a straight line or path.</li> <li>• An object forms a shadow when the object blocks or is in the way of light.</li> </ul>	<ul style="list-style-type: none"> <li>• How does light behave when it strikes different objects?</li> <li>• What will happen if light did not exist?</li> </ul>	<ul style="list-style-type: none"> <li>• Describe what happens to light as it hits different kinds of objects</li> <li>• Differentiate transparent, translucent, and opaque objects</li> <li>• Classify objects as transparent, translucent, or opaque</li> <li>• Tell how shadows are formed</li> </ul>	<ul style="list-style-type: none"> <li>• Describe how light, sound, and heat travel</li> <li>• Investigate properties and characteristics of light and sound</li> </ul>	<ul style="list-style-type: none"> <li>• Describing what happens to light as it hits different kinds of objects</li> <li>• Differentiating transparent, translucent, and opaque objects</li> <li>• Classifying objects as transparent, translucent, and opaque</li> <li>• Telling how shadows are formed</li> <li>• Performing simple investigative activities about the behavior of light</li> </ul>	<ul style="list-style-type: none"> <li>• Being true to oneself</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 3</b> <b>Sound Energy</b>	<ul style="list-style-type: none"> <li>• Sound is a form of energy produced by vibrations.</li> <li>• Sound travels through the air as sound waves.</li> </ul>	<ul style="list-style-type: none"> <li>• How is sound produced?</li> <li>• Why is sound important?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the source of a sound heard</li> <li>• Tell the difference between high and low pitches</li> <li>• Distinguish between loud and soft sounds</li> </ul>	<ul style="list-style-type: none"> <li>• Describe how light, sound, and heat travel</li> <li>• Investigate properties and characteristics of light and sound</li> <li>• Enumerate uses of light, sound, heat, and electricity</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying the source of a sound heard</li> <li>• Telling the difference between high and low pitches</li> <li>• Distinguishing between loud and soft sounds</li> <li>• Demonstrating how sound is produced using simple materials</li> <li>• Performing simple investigative activities about sound energy</li> </ul>	<ul style="list-style-type: none"> <li>• Being sensitive to people's feelings about the sounds one makes</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

**CHAPTER 8 EARTH: OUR HOME PLANET**

<b>Lesson Title</b>	<b>Big Ideas</b>	<b>Essential Questions</b>	<b>Objectives</b>	<b>K to 12 Learning Competencies</b>	<b>Learning Activities</b>	<b>Values</b>	<b>Assessment Tools</b>
<p><b>Lesson 1 Landforms and Water Forms</b></p>	<ul style="list-style-type: none"> <li>• Earth is a home for many living things.</li> <li>• Earth has different land and water formations.</li> <li>• Water covers about 70% of Earth's surface.</li> <li>• Water is essential in sustaining life.</li> </ul>	<ul style="list-style-type: none"> <li>• How do landforms and water forms affect living things?</li> <li>• What will happen if landforms and water forms were not taken cared of?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the different landforms</li> <li>• Differentiate the kinds of water forms</li> <li>• Name different landforms and water forms in the Philippines</li> <li>• Cite the importance of taking care of different natural resources</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the things found in the surroundings</li> <li>• Relate the importance of surroundings to people and other living things</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying the different landforms</li> <li>• Differentiating the kinds of water forms</li> <li>• Naming different landforms and water forms in the Philippines</li> <li>• Citing the importance of taking care of different natural resources</li> <li>• Performing simple investigative activities about landforms and water forms</li> </ul>	<ul style="list-style-type: none"> <li>• Showing gratitude and appreciation to Mother Earth</li> <li>• Taking care of God's creations</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 2</b> <b>The Changing Weather</b>	<ul style="list-style-type: none"> <li>• Weather is the condition of Earth's atmosphere at a given time and place.</li> <li>• The atmosphere is the layer of gases that surround Earth.</li> </ul>	<ul style="list-style-type: none"> <li>• Why does one have to study weather?</li> <li>• How does weather affect living things?</li> </ul>	<ul style="list-style-type: none"> <li>• Name the different weather conditions that are experienced in the Philippines</li> <li>• Distinguish the different kinds of weather</li> <li>• Describe the conditions of the sky, air, temperature, wind strength, and rain</li> <li>• Identify the weather elements needed to predict the weather</li> <li>• Identify the different symbols used to represent weather conditions</li> <li>• Interpret a weather chart</li> <li>• State the importance of weather reports</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the changes in the weather over a period of time</li> </ul>	<ul style="list-style-type: none"> <li>• Naming the different weather conditions that are experienced in the Philippines</li> <li>• Distinguishing the different kinds of weather</li> <li>• Describing the conditions of the sky, air, temperature, wind strength, and rain</li> <li>• Identifying the weather elements needed to predict the weather</li> <li>• Identifying the different symbols used to represent weather conditions</li> <li>• Interpreting a weather chart</li> <li>• Stating the importance of weather reports</li> </ul>	<ul style="list-style-type: none"> <li>• Being prepared at all times</li> <li>• Checking daily weather reports to guide an individual in planning his/her activities for a day</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 3 You and the Weather</b>	<ul style="list-style-type: none"> <li>• Weather can be described as sunny, cloudy, windy, rainy, or stormy.</li> <li>• Weather affects the activities of people.</li> </ul>	<ul style="list-style-type: none"> <li>• Why does one have to study weather?</li> <li>• Why should one listen to weather reports?</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the effects of weather on people's activities</li> <li>• Identify the activities that can be carried out safely according to a particular weather condition</li> <li>• Enumerate the different safety measures that should be observed during certain weather conditions</li> </ul>	<ul style="list-style-type: none"> <li>• Communicate how different kinds of weather affect activities in the community</li> <li>• Enumerate and practice safety and precautionary measures in dealing with different kinds of weather</li> </ul>	<ul style="list-style-type: none"> <li>• Describing the effects of weather on people's activities</li> <li>• Identifying the activities that can be carried out safely according to a particular weather condition</li> <li>• Enumerating the different safety measures that should be observed during certain weather conditions</li> <li>• Performing simple investigative activities about weather</li> </ul>	<ul style="list-style-type: none"> <li>• Practicing safety measures to prevent accidents during bad weather</li> <li>• Helping victims of calamities</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>

Lesson Title	Big Ideas	Essential Questions	Objectives	K to 12 Learning Competencies	Learning Activities	Values	Assessment Tools
<b>Lesson 4</b> <b>The Sun, the Moon, and the Stars</b>	<ul style="list-style-type: none"> <li>• Natural objects include the sun, the moon, and the stars.</li> <li>• The Sun is a giant star that is made of hot gases.</li> <li>• The sun provides light that is important to all living things.</li> </ul>	<ul style="list-style-type: none"> <li>• What are the natural objects found in the sky?</li> <li>• How do the sun, the moon, and the stars affect living things?</li> </ul>	<ul style="list-style-type: none"> <li>• Identify the natural objects in the sky</li> <li>• Differentiate the sun, the moon, and the stars</li> <li>• Infer that the sun produces heat</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the natural objects that are found in the sky during daytime and nighttime</li> <li>• Communicate how the natural objects in the sky affect daily activities</li> </ul>	<ul style="list-style-type: none"> <li>• Identifying the natural objects in the sky</li> <li>• Differentiating the sun, the moon, and the stars</li> <li>• Inferring that the sun produces heat</li> <li>• Performing simple investigative activities about the sun, the moon, and the stars</li> </ul>	<ul style="list-style-type: none"> <li>• Spending time with your families</li> <li>• Planning activities together as a family</li> </ul>	<ul style="list-style-type: none"> <li>• Group activities</li> <li>• Oral and written exercises</li> <li>• Games</li> <li>• Quiz</li> <li>• Journal writing</li> <li>• Performance task</li> </ul>