

Name: \_\_\_\_\_  
Grade and Section: \_\_\_\_\_

Date: \_\_\_\_\_  
Score: \_\_\_\_\_

## Science I/Quarter 4/Week 2

### Care and Concern for the Earth

After going through this LAS, you are expected to:

1. Enumerate the ways of showing care and concern for the Earth;
2. Explain the importance of showing care and concern for the Earth; and
3. Practice the ways of showing care and concern for the Earth.



Earth is the only habitable planet where humans and other living things live and interact. Earth has abundant resources that benefit us. However, the bad practices of people may harm the Earth and its resources. In this lesson, you will be able to understand the importance of taking care of our Mother Earth.

Study the pictures below.



Picture A



Picture B

## Questions

1. What can you see in the pictures?

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2. In picture A, what is the boy doing?

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3. In picture B, what is the boy doing in the river?

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4. Do you think they are both showing care and concern for the Earth? Why?

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5. Who among them is showing that he is concerned with our nature? Why?

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Earth is the perfect place to live. It can provide many things from different resources. Human activities greatly affect the surface of the Earth. People can do what is right to show care and concern for the Earth (Sanchez, 2011). There are ways that we can do to protect Earth. Below are examples of how to show care and concern for the Earth:

### **Protecting our landforms**

Trees contribute to the environment by providing oxygen, improving climate, and supporting wildlife.

The following are the ways to take care of our land:

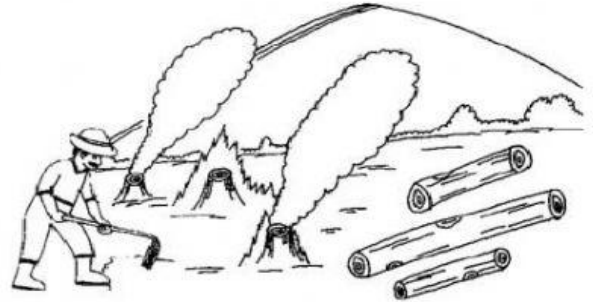
- Plant more trees.





- Do not cut trees in the forest to avoid landslides.

- Avoid kaingin or burning of trees



### **Protecting our bodies of water**

According to Pineda (2007), Water is one of the most precious resources that Earth can give us. Animals in the water will die if we pollute the rivers, seas, and oceans (Ramirez, 2012). The following are the ways to take care of the bodies of water:

- Clean the rivers and canals.



- Do not throw garbage in the water.





- Do not use dynamite in fishing. This is prohibited by law under Republic Act No. 8550, an act providing for the Development, Management and Conservation of Fisheries and Aquatic Resources. Dynamite fishing can damage or destroy the underlying habitat such as coral reefs that support the fishes in the sea.



- Conserve water by turning off the faucet after using it.

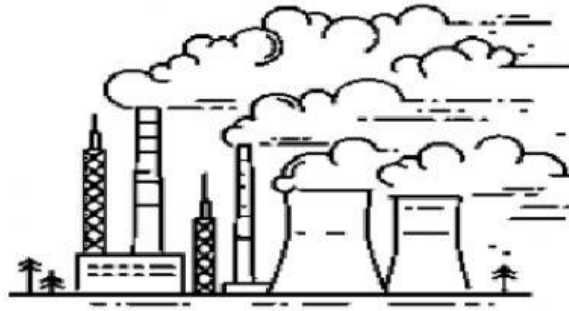
### **Protecting the air**

The burning of materials like plastics is dangerous to our health. It can cause air pollution. Many people die because of dirty or polluted air. The following are the ways to take care of the air:

- Do not burn dry leaves and plastics.



- Regulate the harmful release of smoke from factories.



Another way to take care and protect our environment is to practice:

- Do the refuse, reduce, reuse, repurpose, and then recycle ( 5R's) to some materials.



- Separate your garbage from biodegradable to non-biodegradable.



These will help us lessen the number of solid waste materials that may harm the resources of the Earth.

## Activity 1.

Study each picture carefully. Put a checkmark ( ✓ ) if the picture shows care and concern for the Earth or cross ( ✕ ) if it is NOT. Do this on a separate sheet of paper.

1. Cutting of trees



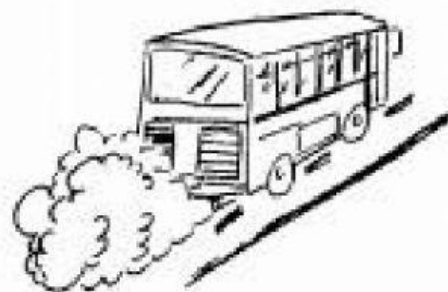
3. throwing of trash properly



2. Planting of trees



4. Vehicle that produce black smoke



5. throwing of garbage at the river





## Activity 2

Fill in the blanks with the correct words to complete the paragraph. Choose your answer inside the box. Write your answers on a separate sheet of paper.

clean	dynamite	plant	recycle	separate
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Earth is the perfect place to live in. It can provide many things from different resources. We need to show our care and concern to mother Earth. We need to avoid cutting trees instead <sup>(1)</sup>\_\_\_\_\_ more trees. We can also <sup>(2)</sup>\_\_\_\_\_ the river and other bodies of water. It provides habitat to plant and animal species. Do not use <sup>(3)</sup>\_\_\_\_\_ in fishing because it can damage or destroy the coral reefs that support the fishes in the sea. Reuse and <sup>(4)</sup>\_\_\_\_\_ some materials. <sup>(5)</sup>\_\_\_\_\_ your garbage from biodegradable or non-biodegradable.

## Activity 3

Read and answer the following questions. Write the letter of the correct answer.

1. Which of the following statements is NOT true about what we can get from the Earth if we take care of the environment?
  - A. It is the place where plants and animals live.
  - B. It provides us food and water to sustain life.
  - C. It provides us lots of polluted air and water.
  - D. It is the only planet that we can live on.

2. There is a project in your Barangay, "Clean and Green sa Lugar Namin", how can you contribute to this project?
- A. You will call the barangay officials and tell them that your sister is interested to join.
  - B. You will be the one to take photos while they are cleaning and post them on Facebook.
  - C. You will call one of your friends and tell them that they need another volunteer.
  - D. You will call the officials of the project that you want to join to help them.
3. One day, while playing at the park you get thirsty and buy some bottled drinks? What are you going to do with the empty bottles?
- A. You will throw them properly by putting them in the non-biodegradable trash can.
  - B. You will keep them in your house and put them in the cabinet forever.
  - C. You will get them and throw them away while no one sees you.
  - D. You will keep them as your souvenir while you are in the park.
4. Eliza was asked by her teacher to do some activities in the Arts subject by using a magazine. After using the magazine what Eliza should do with the excess magazine?
- A. Eliza enjoys the day because of cutting all them



magazines in the house.

- B. Eliza will keep all the excess magazines and recycle them.
- C. Eliza calls her sister to play with the excess magazine.
- D. Eliza tells her mom that they need to throw it away.

5. Rica is living in an apartment and there is no place to plant more vegetables. What will she do if she wants to plant and have some vegetables?

- A. Rica will tell her mom to buy some fruits and vegetables to eat.
- B. Rica will watch some videos about how to plant fruit trees.
- C. Rica will plant some vegetables in used plastic containers.
- D. Rica will keep busy doing some activities in school