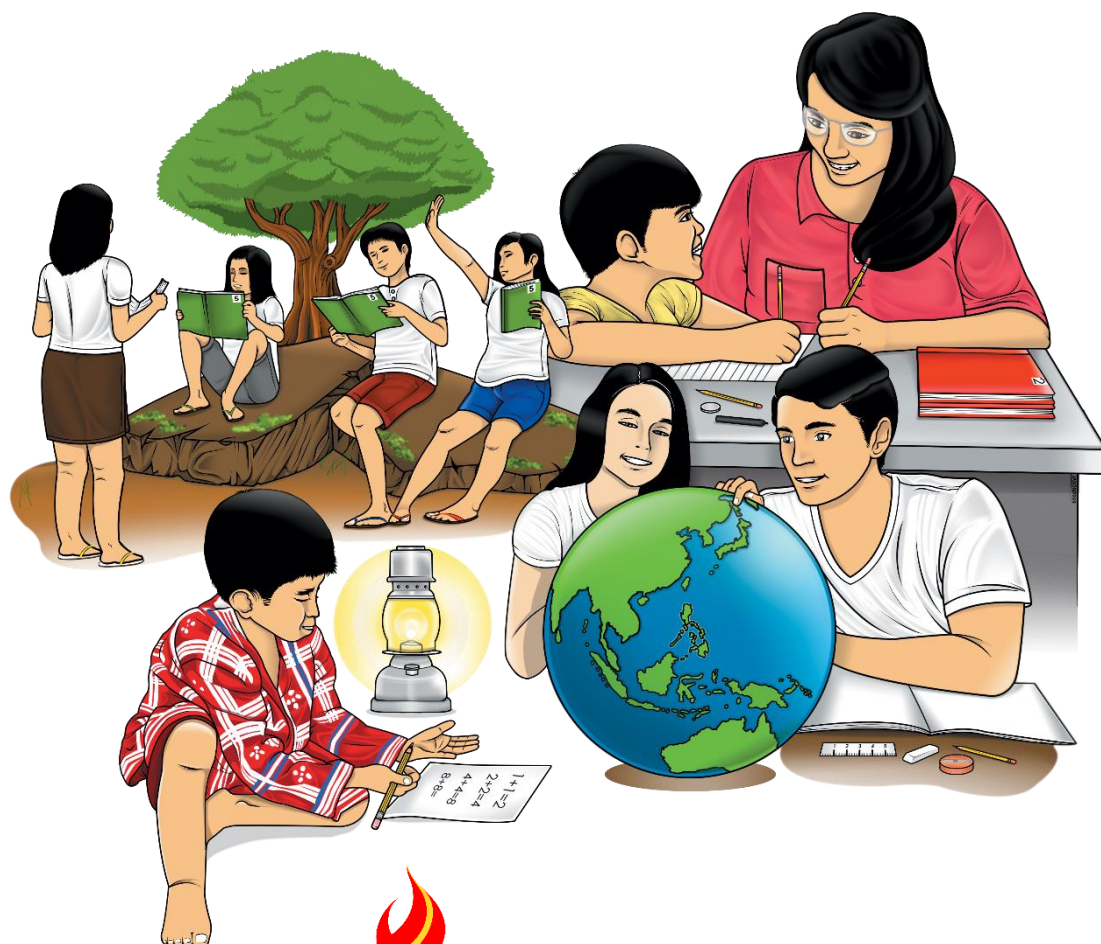


Science

Quarter 2 – Module 10: Living Things and Their Needs



Science – Grade 3
Alternative Delivery Mode
Quarter 2 – Module 10: Living Things and Their Needs
First Edition, 2020

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Secretary: Leonor Magtolis Briones
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Development Team of the Module

Writer: Jenefier E. Narido

Editors: Melaine Santos, Leah H. Guirigay, Shiela Cambungga

Reviewers: Eric Paul M. Benson, Divilyn M. Rodriguez, Menard M. Arenas

Illustrator: Aimee Tomas

Layout Artists: Aimee Tomas, Ma. Dianne Joy R. dela Fuente

Management Team: Allan G. Farnazo	Eufemia T. Gamutin
Mary Jeanne B. Aldeguer	Josie T. Bolofer
Analiza C. Almazan	Arlyn B. Lim
Ma. Cielo D. Estrada	Secinia C. Morales
Maria Liza I. Berandoy	

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Department of Education – Region XI

Office Address: F. Torres St., Davao City
Telefax: (082) 291-1665; (082) 221-6147
E-mail Address: region11@deped.gov.ph * lrms.regionxi@deped.gov.ph

Science

Quarter 2 – Module 10: Living Things and Their Needs

Introductory Message

This Self-Learning Module (SLM) is prepared so that you, our dear learners, can continue your studies and learn while at home. Activities, questions, directions, exercises, and discussions are carefully stated for you to understand each lesson.

Each SLM is composed of different parts. Each part shall guide you step-by-step as you discover and understand the lesson prepared for you.

Pre-tests are provided to measure your prior knowledge on lessons in each SLM. This will tell you if you need to proceed on completing this module or if you need to ask your facilitator or your teacher's assistance for better understanding of the lesson. At the end of each module, you need to answer the post-test to self-check your learning. Answer keys are provided for each activity and test. We trust that you will be honest in using these.

In addition to the material in the main text, Notes to the Teacher are also provided to our facilitators and parents for strategies and reminders on how they can best help you on your home-based learning.

Please use this module with care. Do not put unnecessary marks on any part of this SLM. Use a separate sheet of paper in answering the exercises and tests. And read the instructions carefully before performing each task.

If you have any questions in using this SLM or any difficulty in answering the tasks in this module, do not hesitate to consult your teacher or facilitator.

Thank you.



What I Need to Know

This module was designed and written with you in mind. It is here to help you master the living things and their needs (S3LT-III-j-14). The scope of this module permits it to be used in many different learning situations. The language used recognizes the diverse vocabulary level of students. The lessons are arranged to follow the standard sequence of the course. But the order in which you read them can be changed to correspond with the textbook you are now using.

The module is divided into three lessons, namely:

- Lesson 1 – Basic Needs of Humans
- Lesson 2 – Basic Needs of Animals
- Lesson 3 – Basic Needs of Plants

After going through this module, you are expected to:

1. identify and state the importance of the basic needs of humans, animals, and plants.



What I Know

Directions: Read the questions carefully about the basic needs of the living things. Encircle the letter of the correct answer.

1. What are the basic needs of animals?
 - a. food, water, air, rocks
 - b. food, water, house, air

- c. food, water, cereal, candy
 - d. food, water, house, and soil
2. What are the basic needs of plants?
- a. water, air, sand, sunlight
 - b. wind, air, water, nutrients
 - c. rock, water, air, nutrients
 - d. sunlight, water, air, nutrients
3. Which of the following basic needs are **NOT** needed by animals?
- a. air
 - b. clothes
 - c. food
 - d. house
4. Why do plants need sunlight?
- a. to make water
 - b. to make food
 - c. to make space
 - d. to make questions
5. Why must animals and plants meet their basic needs?
- a. to get wet
 - b. to stay alive
 - c. to stay the same
 - d. to stop growing

Lesson

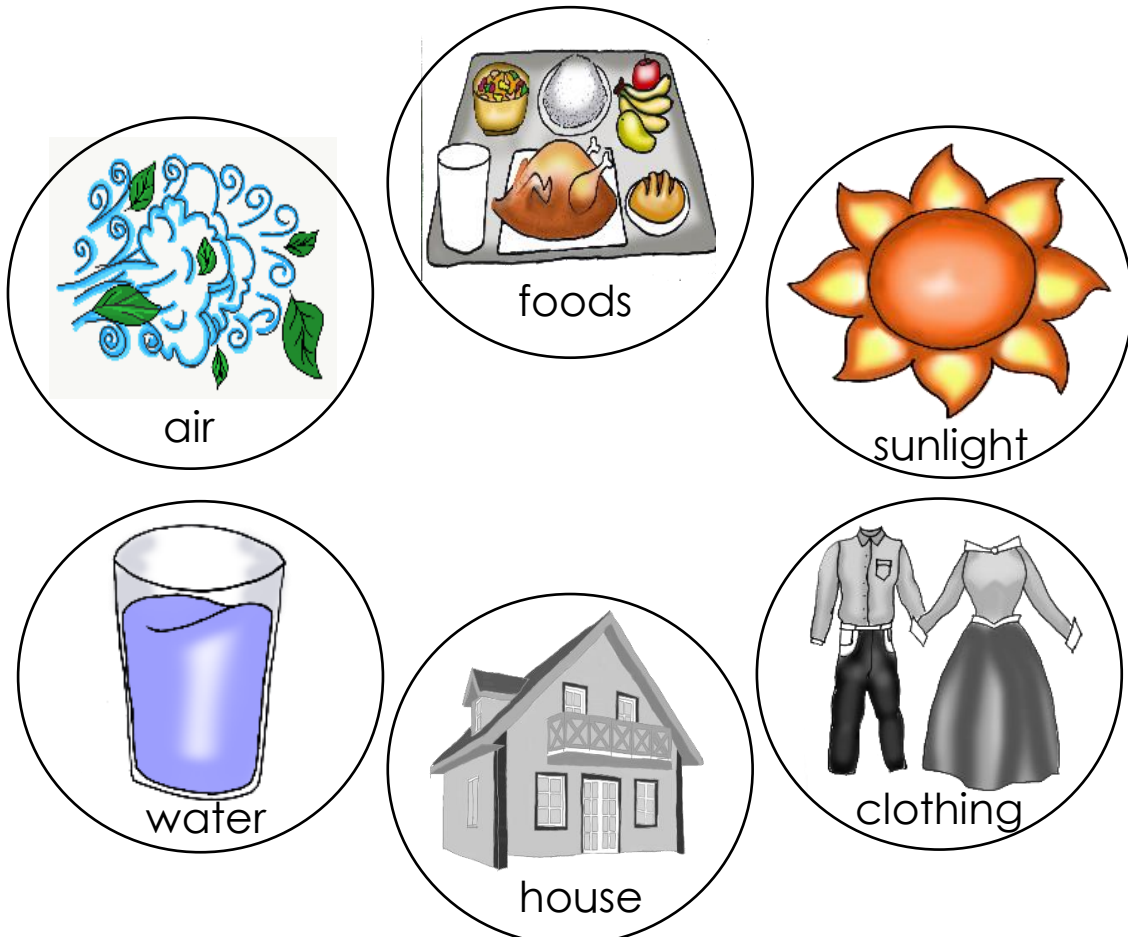
1

Basic Needs of Humans

Lesson 1: Basic Needs of Humans

Humans are special of all living things in a way that our needs are much higher than animals and plants. According to some, there are six (6) basic needs of a human that surely cannot live without them, namely; food, air, water, sunlight, house and clothing. We cannot move, work, and think accordingly if these are insufficient or nothing at all.

Take a closer look at these basic needs of humans and try to imagine if one is missing. What would happen?





What's In

As stated above, there are six (6) basic needs of humans that surely one cannot live without them.

Name and write the six basic needs in the box.

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Notes to the Teacher

Living things, plants, animals, and human beings

Humans' basic needs are quite different from animals and plants.



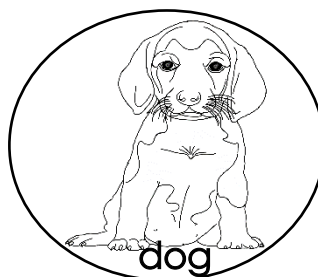
What's New

Choose and color correctly the basic needs of humans.

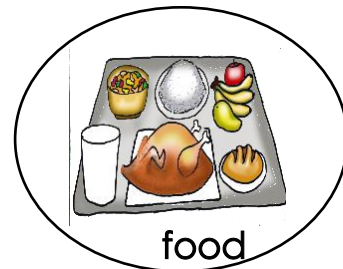
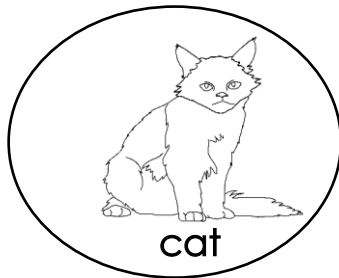
1.



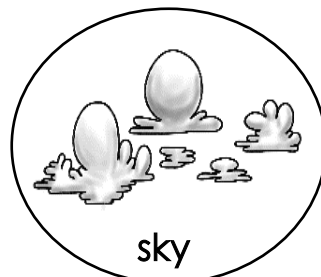
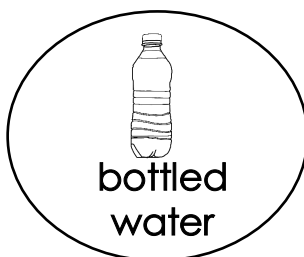
2.



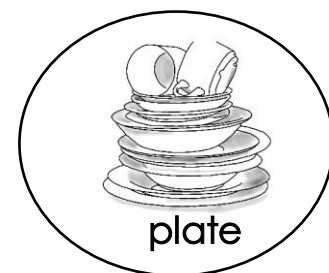
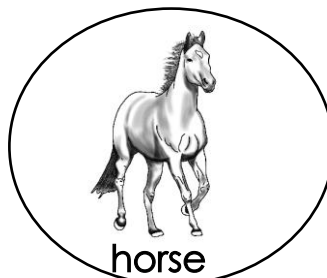
3.



4.



5.





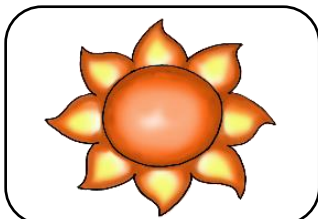
What is It

Write the name of the picture from the left to the blank in the right column.

Left

Right

1.



Human needs _____
to feel warm.

2.



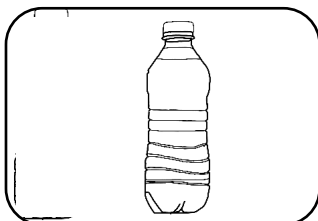
Human needs _____
to have energy to do things.

3.



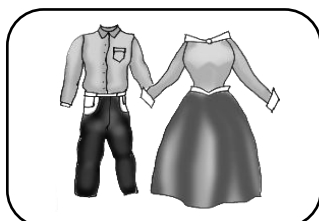
Human needs _____
to feel safe and protect them
from the weather.

4.



Human needs _____
to stay hydrated.

5.

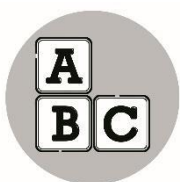


Human needs _____
to feel warm and protected
their body.

6.



Human needs _____
to breathe.



What's More

Multiple Choice. Select the best answer and encircle it.

1. Humans need this to protect them from danger, rain, and the sun.

- a. air
- b. clothes
- c. house
- d. water

2. Humans need to breathe fresh _____.

- a. air
- b. food
- c. sun
- d. water

3. So that humans will have energy for the whole day, they need ____.

- a. air
- b. food
- c. sun
- d. water

4. These things are bought in the market or malls that can give warm to the human body.

- a. clothes
- b. water
- c. sun
- d. food

5. This basic need of humans is so essential for them not to get thirsty.

- a. air
- b. food
- c. sun
- d. water



What I Have Learned

The basic needs of humans are important to survive in this world.

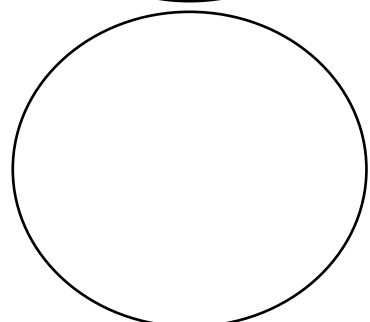
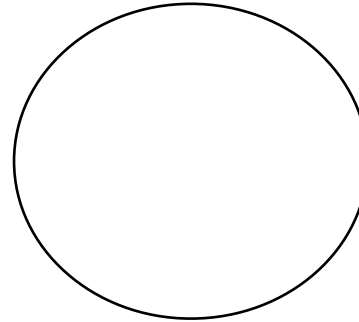
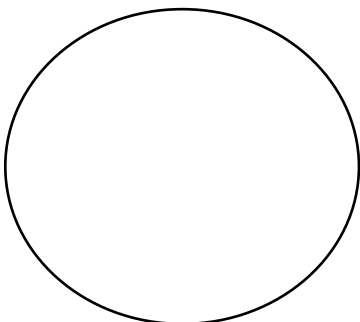
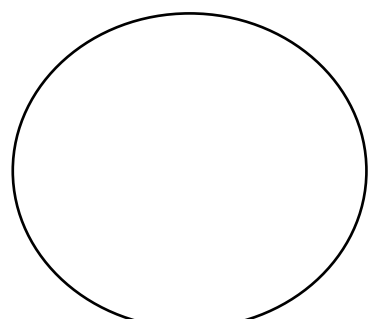
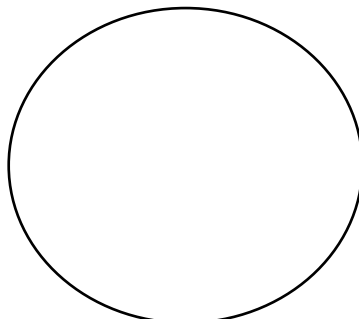
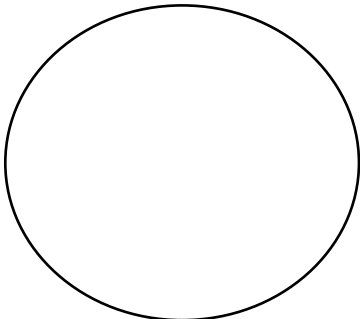
We need all of these to function well.

If the basic needs are not met, then humans cannot do the things that they need to do.



What I Can Do

Draw the six (6) basic needs of humans inside the circle.





Assessment

lakes foods water cleaner environment house

Read the text and complete it using the words from the box.

People need (1) _____ to eat to get some nutrients. In some countries, humans get (2) _____ from stream and from (3) _____. The place where humans live is called (4) _____. We must protect the (5) _____ because it affects the health of all living



Additional Activities

Express your thoughts! Read and answer the following questions. Share your idea with your parents, guardians, or learning facilitators.

Say the importance of our basic need.

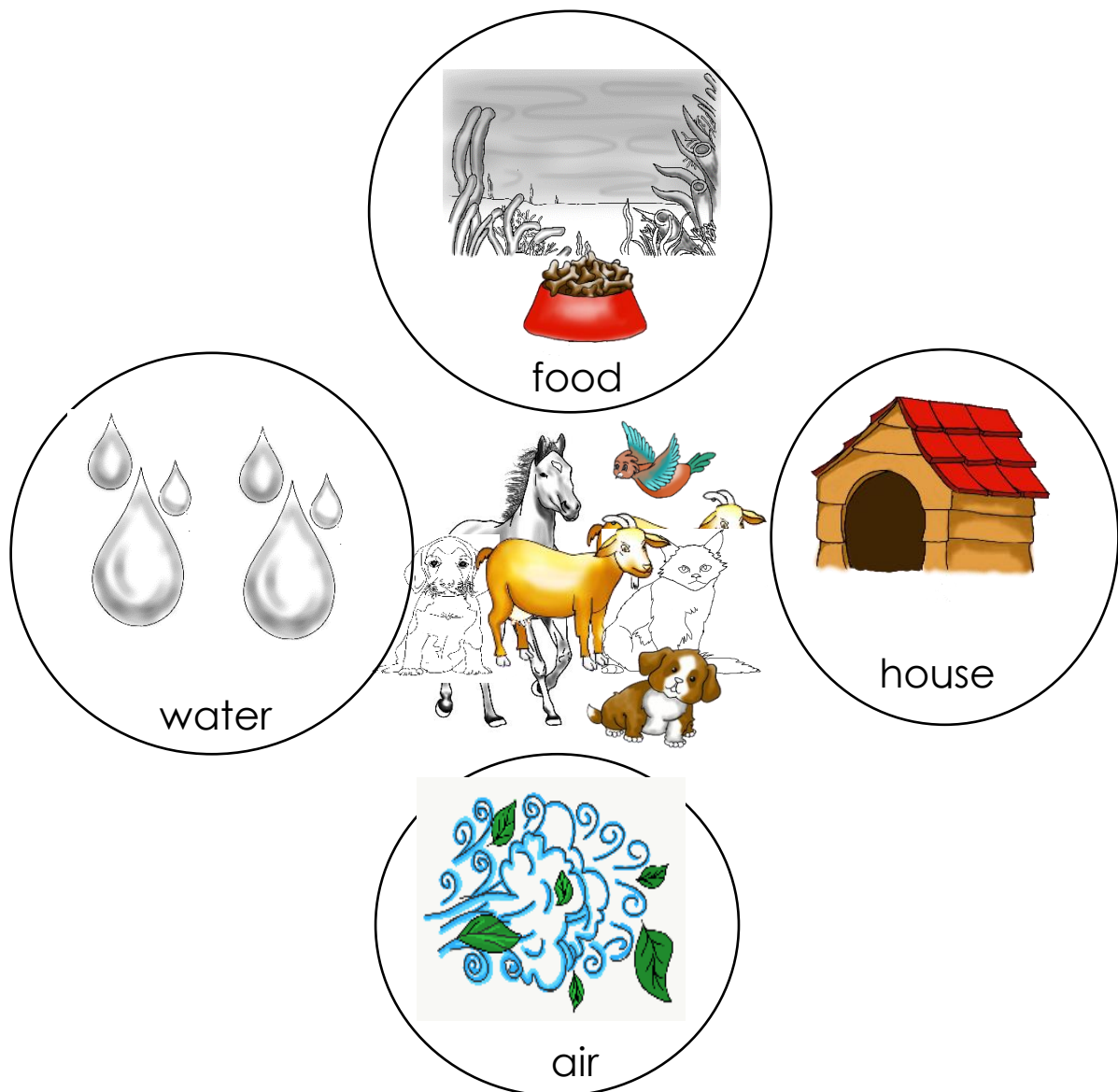
What will happen to you if one of your basic needs is not available? Why?

Lesson

2

Basic Needs of Animals

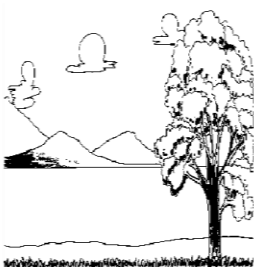
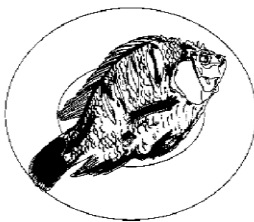
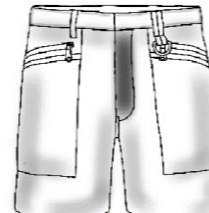
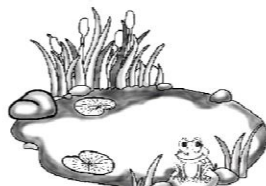
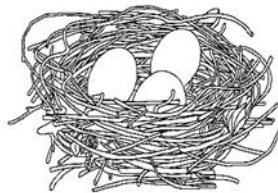
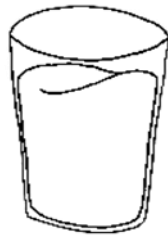
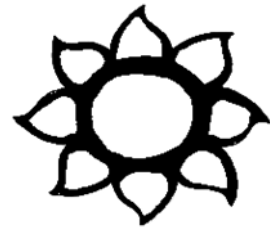
Animals like humans have basic needs as well because they are also living things. But those needs are not quietly the same as what humans have. Humans have six basic needs but animals have only four. Here are the four (4) basic needs of humans: food, air, water, and house. What do think are the basic needs of humans that animals do not need?





What's In

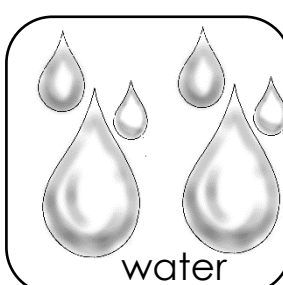
Color the picture that are NOT needed by animals.





What's New

Use the pictures below to complete the sentence. Write the word of your answer on the space provided for.



1. Animals need _____ to eat.

2. Animals need _____ to breathe.

3. They need _____ to drink.

4. They also need _____. Some needs big space, others need small.



What is It

At this point, we will learn the different habitat or the place where animals live. Although they are animals, they need different

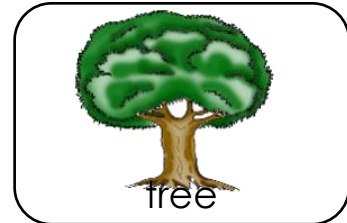
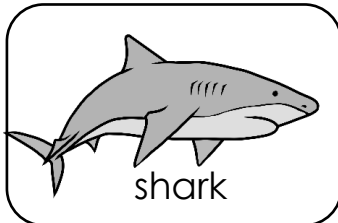
places to live in. These habitats are grass, trees, under the ground, rivers, barns, snow, and oceans. Let us learn this!

Match the animal to its home by drawing a line from column A to column B.

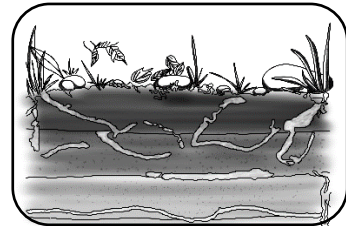
A

B

1.



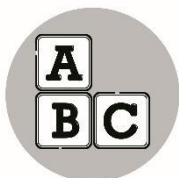
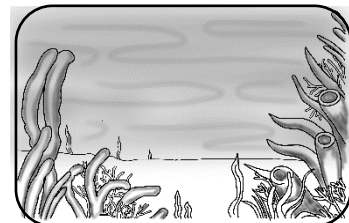
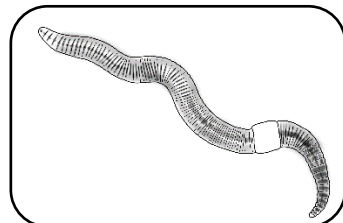
2.



3.



4.



What's More

Encircle the correct answer.

1. A place where an animal lives is called _____.
 - a. barangay
 - b. country

- c. habitat
 - d. nature
2. It is a liquid substance that animals drink.
- a. juice
 - b. shampoo
 - c. water
 - d. wine
3. It is one of the basic needs of animals that allow them to breathe.
- a. air
 - b. perfume
 - c. house
 - d. water
4. The basic needs of an animal are the following:
- a. air, home, wine, grass
 - b. air, water, food, house
 - c. air, soluble, shelter, house
 - d. air, ocean, wind, snow land



What I Have Learned

Like humans, animals have needs as well. Their basic needs are much simpler than that of humans. They have only four basic needs - namely: (1) air to breathe, (2) food for them to get energy, (3) house to protect them from harm and danger and lastly, (4) water for them to survive.



What I Can Do

Write the four (4) basic needs of the animals in the circle. Do this in your notebook



Assessment

Write **TRUE** on the blank if the statement is correct and **FALSE** if not.

- _____ 1. Animals and humans have the same basic needs.
- _____ 2. Some animals do not need food.
- _____ 3. All animals need space for them to grow well.
- _____ 4. Animals take foods for them to live.
- _____ 5. All animals do not drink water.



Additional Activities

Answer the question briefly. Write your answer in your notebook.

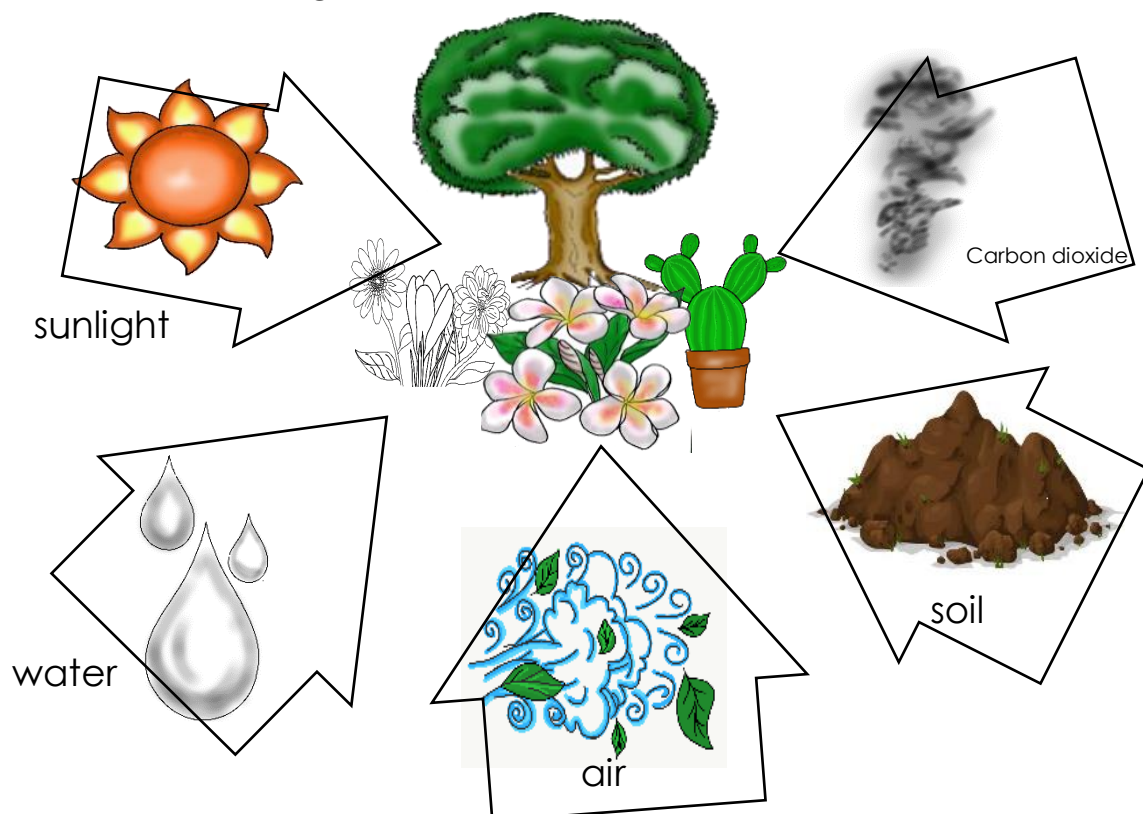
What will happen to animals if they do not meet their basic needs?

Lesson

3

Basic Needs of Plants

We have already learned the basic needs of humans and animals. How about plants? Do you think they also need what humans and animals need? Of course, just as we have essential needs for our growth; plants also have essential needs for their survival. Let us take this. The essential needs of plants for them to grow well are water, carbon dioxide, and sunlight so that they can produce energy for growth. But for healthy growth, they also need nutrients from the soil. Water helps plants by distributing important nutrients from the soil. Sunlight enables plants to turn water and carbon dioxide into sugar for their food. Air also is needed for plants since they are also living things that breathe. Soil is the place where the plants grow and get nutrients and minerals for them to grow big. Carbon dioxide is also essential for the plants for them to make sugar for their food.

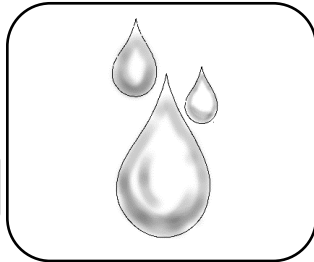




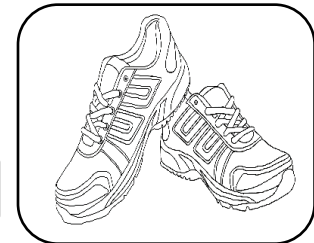
What's In

Check (✓) the small box if the picture is one of the basic needs of plants and mark (X) if not.

1.

☐

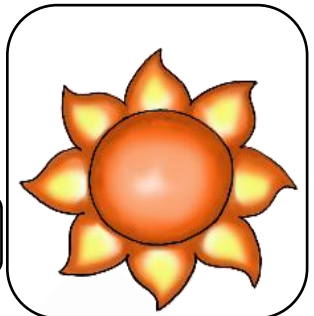
2.

☐

3.

☐

4.

☐

5.

☐

6.

☐

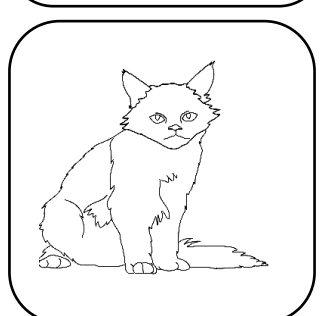
7.

☐

8.

☐

9.

☐

10.

☐



What's New

All living things have their own needs. Humans have six basic needs, animals have four basic needs, and plants do have certain needs too. Below is a list that living things may need. All you must do is to select the basic needs of a plant and write them in your notebook

air	television	soil	fork	coffee
	clothes	slippers	water	grows
	Sunlight		carbon dioxide	

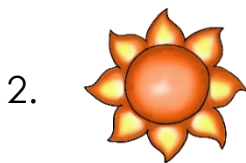


What is It

Match the pictures from the left to its name at the right.



soil



Carbon
dioxide



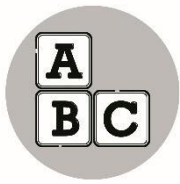
air



water



sunlight



What's More

Tell and share to your learning facilitator or guardian why plants need air, sunlight, water, carbon dioxide and soil.



What I Have Learned

All plants need food, carbon dioxide, sunlight, and water to grow big and productive for human and animal consumption.



What I Can Do

Draw a plant on a bond paper and share its basic needs to your facilitator.



Assessment

Directions: Read the questions carefully about the basic needs of the living things. Encircle the letter of the correct answer.

1. What are the basic needs of plants?
 - a. rock, water, air, nutrients
 - b. water, air, sand, sunlight
 - c. wind, air, water, nutrients
 - d. sunlight, water, air, nutrients
2. What human need is not needed by animals?
 - a. air
 - b. clothes
 - c. foods
 - d. shelter
3. Why must animals and plants meet their basic needs?
 - a. to get wet
 - b. to stay alive
 - c. to stop growing
 - d. to stay the same
4. Marie placed the plant inside the room. One week after, she noticed that the green leaves of the plant turned yellowish. What basic need of the plant was not given?
 - a. air
 - b. food
 - c. sunlight
 - d. water
5. What living thing has the most needs?
 - a. air
 - b. animal
 - c. human
 - d. plant



Additional Activities

Direction: Group the following needs of every living thing and write the name of each need inside the circle.



air



Dog food



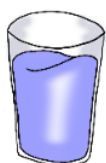
Dog house



soil



house



water



sunlight

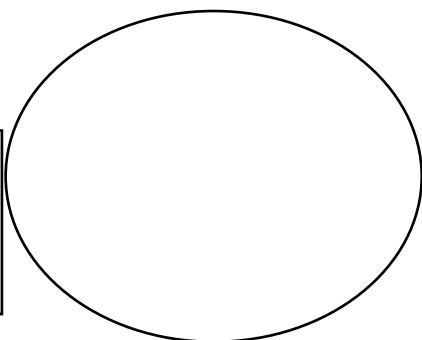


Human
food

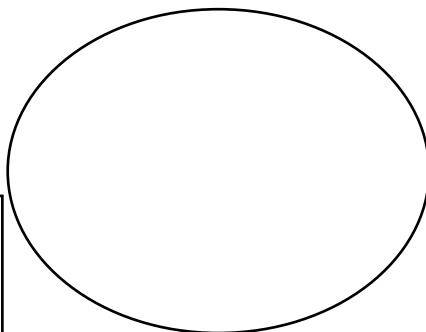


clothing

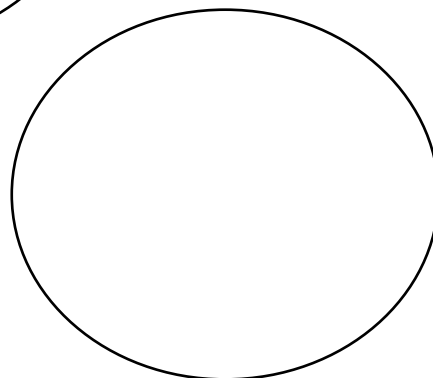
human



animals



plants





Answer Key

<p>What I Can Do</p> <p>Lesson 1 (Their drawing)</p> <p>Lesson 2 (Their drawing)</p> <p>Lesson 3</p> <p>1. False 2. False 3. True 4. True 5. False</p>	<p>What's More</p> <p>Lesson 1</p> <p>1.d 2.c 3.a 4.a 5.a</p> <p>Lesson 2</p> <p>1.c 2.b 3.a 4.b</p> <p>Lesson 3</p> <p>Learners Explanation</p>	<p>What is It</p> <p>Lesson 1</p> <p>1.sunlight 2.foods 3.shelter 4.water 5.clothes</p> <p>Lesson 2</p> <p>1.shark-ocean 2.dog-dog house 3.bird – tree 4.worm-soil</p> <p>Lesson 3</p> <p>1. water 2. sunlight 3. soil 4. Carbon Dioxide 5. air</p>
<p>What's New</p> <p>Lesson 1</p> <p>1. House 2. Air 3. Food 4. Water 5. Dress</p> <p>Lesson 2</p> <p>1. air 2. soil 3. water 4. Carbon dioxide 5. sunlight</p> <p>Lesson 3</p> <p>a place to live food air water</p>	<p>What's In</p> <p>Lesson 1</p> <p>food water shelter air Sunlight</p> <p>Lesson 2</p> <p>1. dress 2. baby 3. shorts 4. shoes 5. underwear</p> <p>Lesson 3</p> <p>1. ✓ 2. X 3. ✓ 4. ✓ 5. X 6. ✓ 7. ✓ 8. ✓ 9. ✓ 10. X</p>	<p>What I Know</p> <p>1. c 2. a 3. b 4. d 5. c</p>

References

Sacatropes, Arthur DC, et.al, Science 3 Teacher's Guide
Philippines: Rex Bookstore, Inc., 2015

DepEd IMCS. *Let's Explore Science 3 for Daily Use*. Pasig City:
Department of Education, 2014. Accessed October 10,
2019.<https://lrmds.deped.gov.ph>

DepEd-Negros Occidental Division. *Changes in an Object Before
and After Heating*. Pasig City: Bureau of Elementary Education,
2010. Accessed October 10, 2019. <https://lrmds.deped.gov.ph>

Lumbre, A. P. et. al. *21st Century Mathletes 5*. Quezon City: Vibal
Group Inc, 2016.

DepEd LR Portal. Media Arts. Department of Education, Accessed
June 30, 2020. <https://lrmds.deped.gov.ph>

For inquiries or feedback, please write or call:

Department of Education - Bureau of Learning Resources (DepEd-BLR)

Ground Floor, Bonifacio Bldg., DepEd Complex
Meralco Avenue, Pasig City, Philippines 1600

Telefax: (632) 8634-1072; 8634-1054; 8631-4985

Email Address: blr.lrqad@deped.gov.ph * blr.lrpd@deped.gov.ph