UNNES

STUDENT WORKSHEET

Sub-chapter :

CHARACTERISTICS OF LIVING THINGS

For grade 7

Group :
Members of The Group ;

1. .....
2. .....
3. .....
4. .....

LIVEWORKSHEETS

A. LEARNING OBJECTIVES

1. Students can analyze the characteristics of living things
2. Students can differentiate living things from inanimate objects based on their characteristics

B. WORKSHEET GUIDELINES

1. The teacher will present different picture illustrations to each group.
2. Each group can discuss the answers to the questions based on the existing picture illustrations

C. INTRODUCTION THEORY

There are characteristics of living things easily observed by us and several requires detailed observation. Characteristics of living things in animals can be clearly observable by humans. Plant including living creatures, though movement and growth occurs very slowly which you often don't realize. Some things don't life has several characteristics of life but won't have it all. How do you differentiate between creatures live with inanimate objects?

LIVEWORKSHEETS

D. FORMULATION OF THE PROBLEM

Look at one of the pictures below based on your group! Write down the problem formulation in the picture illustration!!
Answer :

E. HYPOTHESIS

Based on the problem that has been previously formulated, write down your hypothesis regarding the problem formulation!!

D. TOOLS AND MATERIALS

- Internet Network
- Handphone/laptop

LIVEWORKSHEETS

D. ACTIVITY STEPS

1. Prepare the necessary tools and materials
2. Open the link in the image below provided according to each group
3. Observe living creatures and inanimate objects in ecosystem images
4. Analyze and write the results in the observation table

E. OBSERVE A PHENOMENON

Observe the ecosystem in the following image !!!

Arignar Anna Zoological Park

Honsu

LIVEWORKSHEETS

E. OBSERVE A PHENOMENON

Chester Zoo

ricefield

F. OBSERVATION DATA

No.	Biotic components	Abiotic components

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F. OBSERVATION DATA

Observe one of the biotic and abiotic components in the picture and identify its characteristics by filling in the table below !!!

No.	Characteristics		
1.	breathe		
2.	move		
3.	need to eat		
4.	breed		
5.	adaptation		
6.	sensitive to stimuli		

G. QUESTION

1.Is there a dependency between the biotic and abiotic components in the image ?

2. What happens if one of the components is missing ?

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G. QUESTION

3. What happens if other components enter the ecosystem ?

H. CONCLUSION

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