



DREAM AFRICA SCHOOLS

TERM TWO 2019 HOLIDAY WORK

PRIMARY SIX.

Name of Student

Class

Age:

Gender:

Student Type: New Admission ☐ Admitted Last year: ☐

School: Dream Africa School.....

#	COMPETENCES	Weightage	Student's Score
1	HUMAN BODY SYSTEMS	15	
1.1	Identifying the respiratory Systems	6	
1.2	Explaining the process of Respiratory system	6	
1.3	Examining how the teeth help the digestive system	3	
2	HEALTH EDUCATION	10	
2.1	Establishing Safety when dealing with chemicals	3	
2.2	Identifying Contagious and Infectious Diseases	7	
3	PLANTS	10	
3.1	Classification of Plants.	4	

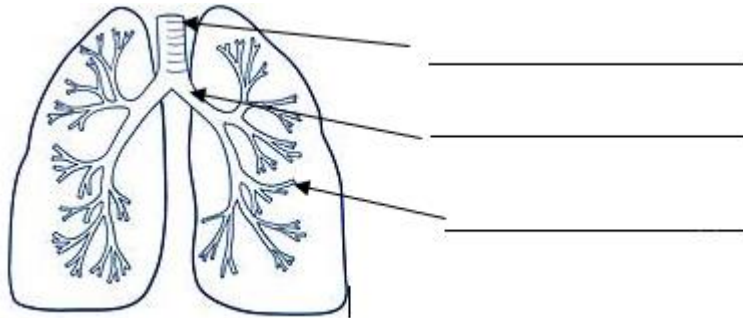
3.2	Explaining Functions of External parts of Plants.	3	
3.3	Outlining Types of Roots.	3	
4	WEATHER	5	
4.1	Stating the different weather instruments and their uses	5	
5	ANIMALS	10	
5.1	Classification of vertebrates.	5	
5.2	Outlining The Examples Of Common Vertebrates.	2	
5.3	Distinguishing between vertebrates and invertebrates	3	
6	SOIL	5	
6.1	Explaining the term soil texture	1	
6.2	Investigating the physical properties of soil	4	
7	FOOD AND NUTRITION	15	
7.1	Stating the nutrients found in food	5	
7.2	Examining the sources and importance of water	2	
7.3	Identifying some malnutrition deficiency diseases, their causes, signs, symptoms and their prevention	8	
8	ENERGY AND MATTER	20	
8.1	Identifying the sources of sound energy	5	
8.2	Investigating the methods of heat transfer	3	
8.3	Classifying good and bad conductors of heat	3	
8.4	Examining the states and characteristics of matter	5	
8.5	The effects of heat on matter	4	
9	MACHINES	10	
9.1	Applying simple machines and pulleys to do work	10	
	TOTAL	100	

1. HUMAN BODY SYSTEMS

1.1. Identifying the respiratory Systems

a) Explain the term respiration?

b) Study the diagram below and answer the question that follows



i) Name the parts marked with letter.

ii) Which part of lungs does gaseous exchange take place?

1.2 Explaining the process of respiration in Human beings.

a) What is exhaling?

b) What happens to the diaphragm when one breathes in?

c) Identify the use of cilia (hair) in the process of respiration.

d) How is oxygen important during respiration?

d) Name any two by-products of respiration.

i) _____

ii) _____

e) Of what relevance is the cilia (hair) in the process of respiration.

1.3 Explaining how the teeth help in the digestive system

a) Define digestion.

b) Explain one way in which the teeth is useful during the process of digestion.

2. HEALTH EDUCATION

2.1 Establishing safety when dealing with chemicals.

a) State two items someone can use to protect him/herself while spraying crops with pesticides.

i) _____

ii) _____

b) State one protective gear one can use while spraying his crops with pesticides.

2.2 Identifying contagious and infectious diseases.

a) What is the difference between contagious and infectious diseases?

b) Identify two examples of contagious diseases.

i) _____

ii) _____

c) State two ways how contagious diseases are spread.

i) _____

ii) _____

d) Give one way of controlling the spread of contagious diseases among people.

3. PLANTS

3.1 Classification of plants.

a) Define non-flowering plants.

b) Give two examples non-flowering plants.

i) _____

ii) _____

b) Which class of plants do mangoes belong?

3.2 Explaining functions of external parts of a plant.

a) How important are leaves to plants.

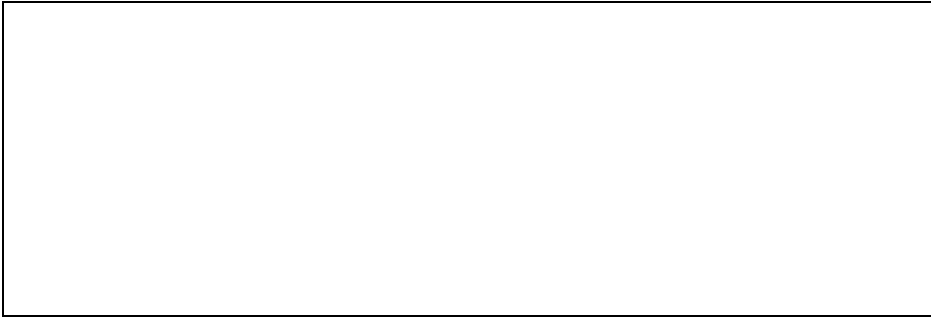
b) Identify two functions of stem in plants.

i) _____

ii) _____

3.3 Outlining types of roots.

a) In the space given, draw a fibrous root.



b) Give one function of root hairs in a plant.

4. WEATHER



4.1 Stating different weather instruments and their uses.

a) What is weather?

b) Name any one weather instrument used to measure the densities of liquids at a weather station.

c) Identify two conditions of weather.

i) _____

ii) _____

d) Give one use of a hydrometer in a weather station.

5. ANIMALS

5.1 Classification of vertebrates

a) In one sentence explain the term vertebrates.

b) Identify two classes of vertebrates

c) Mention one adaptation of a fish to living in water.

b) How are the feet of preying birds adapted to their feeding habits?

5.2 Outlining the examples of common invertebrates.

a) Explain the term invertebrates in one sentence.

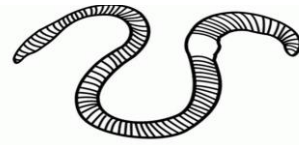
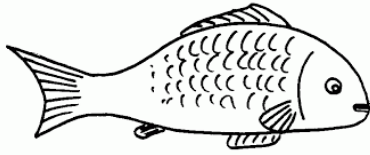
b) Name one example of Arachnids.

5.3 Distinguishing vertebrates and invertebrates

a) What is the difference between vertebrates and invertebrates?

b) Distinguish between a fish and a millipede in terms of protection from their enemies.

- c) Give one difference between fish and Myriapods (millipedes) in terms of structural differences.



6. SOIL

6.1 Explaining the term soil texture, profile, fertility.

- a) Explain the term **soil fertility**.

6.2 Investigating the physical properties of soil.

- b) Clearly give two physical properties of each type of soil.

- i) Sand soil.

- ii) Clay soil

7. FOOD AND NUTRITION

7.1 Stating the nutrients food in food.

- a) Define the term **nutrition**.

b) Which mineral salt helps in the formation of hemoglobin?

c) State the classes of food that help in repairing and building body cells.

d) Identify one example of food containing roughage.

e) What food nutrient do we get from eating spinach and tomatoes? (1 mark)

7.2 Examining the sources and importance of water.

a) In the space give, draw and name the main source of water found in your locality.



b) Identify one importance of water to plants.

7.3 Identifying some nutritional deficiency diseases, their causes, signs, symptoms and their prevention

a) What malnutritional diseases?

b) What causes Beri-beri in children?

c) Write the deficiency disease that is caused by lack of vitamin;

i) Vitamin A in the body.

ii) Vitamin K in the body

d) Jumba has growth failure, "old man face," increased appetite and has sunken eyes. What deficiency disease is she suffering from?

e) Mention one symptom of kwashiorkor in children.

f) Explain one way of controlling deficiency diseases without using drugs.

8. ENERGY AND MATTER

8.1 Identifying the sources of energy.

a) In one sentence, explain the term sound.

b) Why sound called a form of energy?

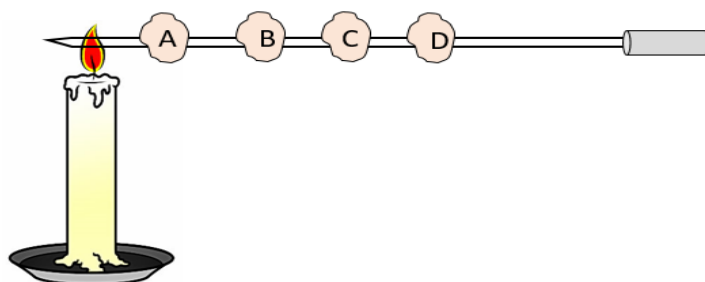
c) How does the strings of a guitar produce sound?

d) Explain why the walls and ceiling of cinema halls are fitted with soft boards.

e) How is an echo important in the environment?

8.2 Investigating the methods of heat transfer.

Study the diagram below and answer the questions that follow;-



a) Which wax piece will melt last?

b) Give a reason for your answer.

c) Explain how heat from the sun reaches man drying rice on the ground?

8.3 Classifying good and bad conductors of heat.

a) Distinguish between conductors and insulators.

b) Identify one example of a conductor.

c) Briefly explain why wet wood is regarded as poor conductor of heat transfer and electricity.

8.4 Examining the states and characteristics of matter.

a) With help of diagrams, Draw the three states of matter

Liquids	Gases	Solids

b) Identify any two characteristics of matter.

i) _____

ii) _____

8.5 The effect of heat on matter

a) Explain any two effects of heat on matter.

i) _____

ii) _____

9. MACHINES

9.1 Applying simple machines and pulleys to do work.

a) Identify one machine which is used in ploughing the garden.

b) Name one use of a sickle to a farmer during harvesting season.

c) Draw and name any three examples of simple machines.

d) Identify two importance of machines to man.

i) _____

ii) _____

******ENJOY YOUR HOLIDAY******