

New Amazing Science
4
Worksheet

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Unit 1a

CHARACTERISTICS AND LIFE PROCESSES OF ORGANISMS

Worksheet #1

Q1. Complete the following statements.

1. All living things are called _____.
2. _____ can walk, run or fly in search of food and shelter.
3. _____ prepare their own food in presence of sunlight.
4. All living things need _____ to breathe.
5. _____ eat food obtained from both animals and plants.

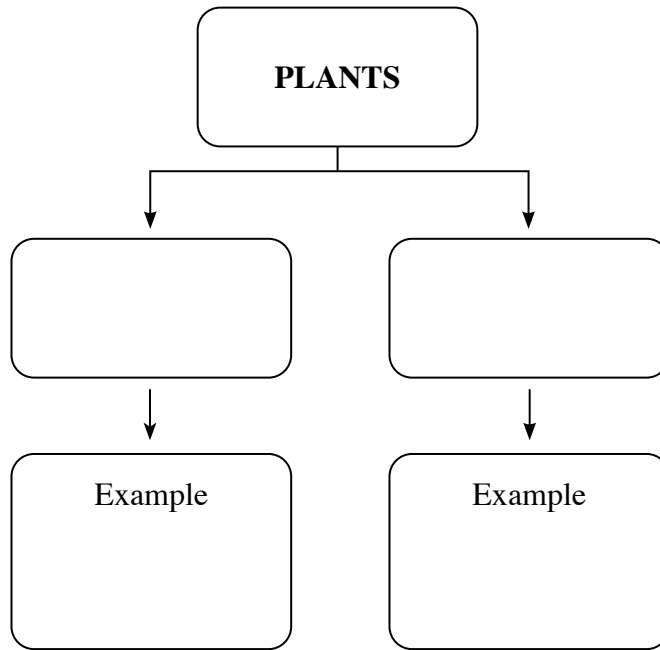
Q2.

i. What are the two major groups of animals?

ii. Draw two examples from each.

Worksheet #2

Q1. Plants are classified into two groups. Name them with two examples each.



Q2. Name the main groups included in Non-flowering plants.

Q3. Write a short note on “Biodiversity”.

Unit 1b

CHARACTERISTICS AND LIFE PROCESSES OF ORGANISMS

Worksheet #1

Q1. Define the following terms:

- Muscles

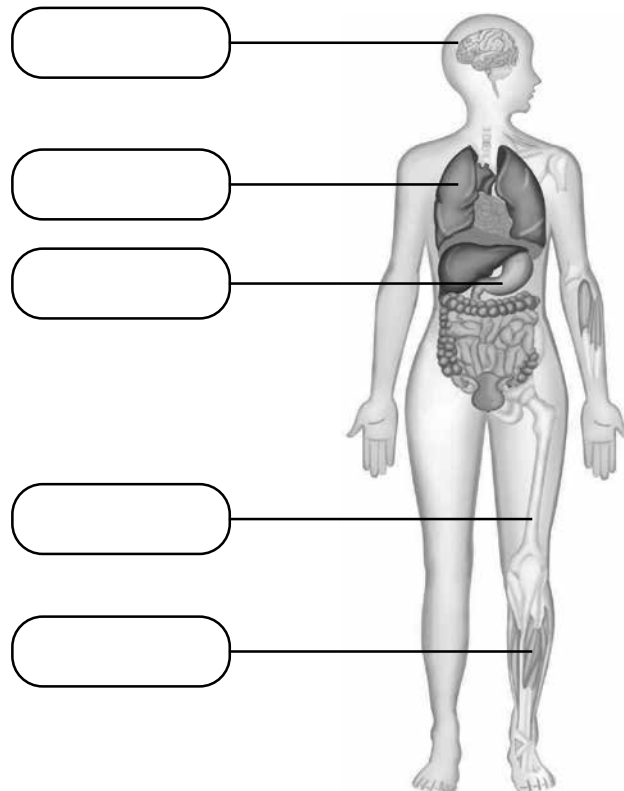
- Incisor

- Canine

- Molar

- Premolar

Q2. Label the diagram below.



Worksheet #2

Q1. Tick whether True or False.

- i. Fish have gills for breathing.
(TRUE /FALSE)
- ii. When mammals breathe, in their lungs become smaller.
(TRUE /FALSE)
- iii. The skeleton is a framework of bones in our bodies that protects our organs.
(TRUE /FALSE)
- iv. Muscles can push.
(TRUE /FALSE)
- v. Teeth help in chewing food in the mouth.
(TRUE /FALSE)

Q2. Fill in the blanks.

- i. A plant's body is divided into _____ main parts.
- ii. The shoot is the main part of the plant that grows _____ the ground.
- iii. Without the supply of water and _____ through the _____ plants will die.
- iv. A strong force of _____ can uproot the trees.
- v. A leaf has a flat surface called the _____.

Q3 Draw a labelled diagram of a plant to show the exchange of gases taking place.

Worksheet #1

Q1. Define the following:

- Ecosystem

- Abiotic

- Food chain

- Biotic

- Predator

Q2. Give examples of two food chains.

Q3. Write briefly about the two relationships in the ecosystem.

Q4. Name two types of ecosystems on Earth with examples.

Q5. What do you understand by the term three R's?

Worksheet #1

Q1. Define the following terms:

- Contagious disease

- Non-contagious disease

- Balanced diet

- Vitamins

- Energy

Q2. What are the important components of a balanced diet?

Q3. How can communicable diseases be transmitted?

Q4. What actions in our daily life can promote good health?

Unit 4

MATTER AND ITS CHARACTERISTICS

Worksheet #1

Q1. Name the processes involved in the conversion of water from ice to water vapour and vice versa.

Q2. Define the following:

- Mass

- Volume

- Conduction

- Melting Point

- Boiling Point

Q3. Give different uses of metals.

Unit 5

FORMS OF ENERGY AND ENERGY TRANSFERS

Worksheet #1

Q1. Fill in the blanks.

- i. _____ is invisible but we can see its effects.
- ii. Energy is the ability to do _____.
- iii. No _____ would exist if _____ was not there.
- iv. In an engine, _____ is converted to heat.
- v. Energy from running _____ is used to generate electricity at hydroelectric power station.

Q2. Name various forms of energy.

Q3. What kind of energy travels fastest in the world?

Q4. What happens when light falls on an object?

Q5. What is an echo?

Q6. What are the uses of electrical energy in our daily life's?

Worksheet #1

Q1. Draw a diagram to show how a force works.



Q2. Name six simple machines.

Q3. What is gravity?

Q4. How does friction work? Explain using examples.

Worksheet #1

Q1.Fill in the blanks.

- i. The main source of life on Earth is _____.
- ii. _____ makes up the fifth of Earth's atmosphere.
- iii. Mass of snow on mountains is known as _____.
- iv. _____ is made up of sand and limestone.
- v. Air, water and soil are all _____ materials.

Q2.How are natural resources classified? Explain using examples.

Q3.What are fuels? Name some examples.

Q4.What are the two types of energy sources? Give two examples of each.

Q5.Why is conservation of resources important in your opinion?

Unit 8

EARTH'S WEATHER AND CLIMATES

Worksheet #1

Q1. Define the following:

- Weather

- Climate

Q2. Write down the factors that affect the weather of an area?

Q3. What is precipitation?

Q4. Name the three zones of the Earth based on the variation of the climate.

Q5. What is the difference between snow, rain, sleet and hail?

Unit 9

EARTH IN THE SOLAR SYSTEM

Worksheet #1

Q1. Draw a diagram to show the planets and the sun in our solar system.

Q2. Draw a diagram to show what causes day and night on Earth.

Worksheet #1

Q1. How is technology important in our daily lives? Explain.

Q2. What precautionary measures should be taken if one is sick?

Q3. How is a mobile useful in our daily lives?

Q4. Write about the importance of a First Aid Box and what must it comprises of?
