

New Amazing Science
3
Worksheet

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Unit 1

THE LIFE CYCLES OF PLANTS AND ANIMALS

Worksheet # 1

1. Name the four stages in the life cycle of a plant.

- _____
- _____
- _____
- _____

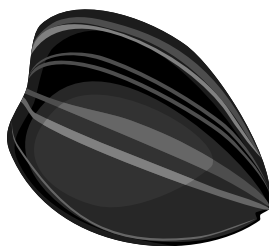
2. Mark the following as True or False.

- A tiny seed turns into a tall tree. _____
- A caterpillar transforms into a butterfly. _____
- Pupal is the first stage in the life cycle of a butterfly. _____
- Seedling is the young plant. _____

3. Match the following:

Term	Statement
Germination	Can be of different sizes and shapes
Mature Plant	The seed starts to grow
Death of a Plant	Leaves turn yellow and dry
Flowering	A stage when plants produce flowers and seeds

4. Identify the following stages:



Worksheet 2

1. Tick ✓ the correct answer:

- Baby sea turtles use light of the moon to find their way to the ocean. _____
- Birds lay eggs. _____
- Growth is the process of increase in size. _____
- Animals always stay young. _____

2. Name the stages in the life cycle of a hen.



3. Fill in the blanks:

- Salmon babies are called as _____.
- Fry grows into _____.
- Adult animals take care of their _____ and _____.

4. Give short answers:

a. What is metamorphosis?

b. Give two examples.

5. Draw and colour caterpillar of a butterfly.

Worksheet 1

1. Draw and label a diagram to show photosynthesis in the plant.

2. Name the essential requirements for making food in green plants.

- _____
- _____
- _____

3. Match the following:

Feeding type	Definition
Herbivores	Animals that eat other animals
Carnivores	Animals that eat plants
Omnivores	Animals that eat dead animals
Scavengers	Animals that eat animals as well as plants

4. Give two examples:

- _____ and _____ are herbivores.
- _____ and _____ are carnivores
- _____ and _____ are omnivores.
- _____ and _____ are scavengers.

Worksheet 2

1. Name the food groups:

- _____
- _____
- _____
- _____
- _____
- _____

2. Fill in the blanks:

- Taking care of our bodies keeps us _____.
- We _____ well, if we eat _____ diet.
- _____ provides proteins.
- Healthy people do not fall _____ easily.

3. Name the four healthy habits:

- _____
- _____
- _____
- _____

4. Mark as True or False:

- Human growth is retarded with balanced diet. _____
- Good food gives us energy. _____
- Unhealthy people are always careful about their life style. _____
- Washing hands after eating keeps us safe from germs and infection. _____

Unit 3

ECOSYSTEM AND HABITATS

Worksheet 1

1. Fill in the blanks:

- _____ is vital for life on Earth.
- _____ is the process by which plants make their own food.
- The Sun provides us with _____ which provides heat.
- The home of an animal or a plant is known as its _____.
- Plants and animals survive in particular _____.

2. Recognize the habitat in the following:



3. Match the following:

Habitat	Examples
Aquatic	Grey wolf, ferns
Forest	Seaweed, dolphins
Desert	Arctic fox, Antarctic lichens
Polar	Cactus, scorpion

Worksheet 2

1. Draw a diagram to show how ecosystem works.

2. Mark as True or False:

- An ecosystem works by the interaction of all living organisms.
- Only non-living things are part of an ecosystem.
- Air has oxygen for breathing.
- Plants need animals for food.
- Light allows animals to see.

3. List down three activities by which human activities are affecting habitats.

- _____
- _____
- _____

Worksheet 1

1. Fill in the blanks:

- _____ is all around us.
- Matter occupies _____.
- Things around us have _____.
- _____ is a state of matter with no fixed shape or volume.

2. Name the states of matter of the following:

- Rocks _____
- Air bubble _____
- Honey _____
- Glaciers _____
- Hot air balloon _____

3. Draw diagrams to show objects as example of solid, liquid and gas.

Solid

Liquid

Gas

Worksheet 2

1. Draw and label a diagram to show layers of Earth.

2. Name the three states of matter.

- _____
- _____
- _____

3. Match the following:

Water	Heated or cools, changes state
Matter	Found in all tree states
Solid	Ice lollies
Freezing Juice	
	Changes into liquid by heating

Unit 5

ENERGY

Worksheet 1

1. Define energy.
2. Look at the following images and write the type of energy at work.



3. Match the following

Sun	Wind energy
Air	Solar energy
Oil	Heat
Wood	Fuel
Natural Gas	Heat

Worksheet 2

1. Fill in the blanks.

- The energy that comes from a _____ source helps us to see.
- _____ energy helps us to hear.
- _____ energy makes things warm.
- Devices work due to _____ energy.

2. Look at the following images, name the objects, and recognize the type of energy.



3. Mark as True or False.

- Hydroelectric energy is produced by wind. _____
- Certain jellyfish in the oceans produce their own light. _____
- To run a mobile phone, we need to charge it with electrical energy. _____
- A turbine turns wind energy into electrical energy. _____
- Animals use sunlight to produce their food. _____

Unit 6

NATURAL RESOURCES

Worksheet 1

1. Match the following:

Natural Resource	Use
Water	Breathing
Air	Drinking
Soil	Building
Minerals	Plant Growth

2. Fill in the blanks:

- Dams are constructed to produce _____ through power of water.
- _____ and _____ are found in land.
- Life is impossible without _____.
- _____ is a big danger for plant and animal life.
- We get _____ and _____ from chicken.
- Animals and plants will _____ without water.
- Some species of plants and animals can go _____ with overuse.

3. Look at the images and label.



Worksheet 2

1. Define pollution.
2. Name the types of pollution.
3. Write any four ways to reduce pollution.
4. Identify the image and name the endangered species.



5. Name any two extinct animals.

Unit 7

FORCES

Worksheet 1

1. Fill in the blanks:

- We use our hands to _____ or move an object away from our bodies.
- An object is brought closer to our body when _____.
- _____ is a push or _____ that can move objects move closer or away from us.
- We cannot see _____ but can feel it.

2. Recognize the action in the following and write.



3. Match the following.

Force	It stops
Catch a rolling ball	Can change direction
Bicycle brakes	Quicker movement
Faster push	Reduce speed
Pulling	Things move towards us

Worksheet 2

1. Write three ways tools are helpful for us.

2. Look at the following images and name the simple machine.



3. Name the following vehicles from the past.



4. Name and draw a vehicle that can carry 5 people.

Worksheet 1

1. State whether True or False.

- Our Sun formed in a solar nebula. _____
- The Sun is located in the centre of the solar system. _____
- The light travels in irregular lines. _____
- When light hits an object it always passes through it.

2. Complete.

- Morning: The Sun is _____ in the sky.
- Shadows are _____ and stretch towards the _____.
- Noon: The Sun is _____ in the sky.
- Shadows become _____ and they appear directly _____ the objects.

3. How is shadow formed?

4. Draw a diagram to show shadow formation at noon time and evening time.

Worksheet 2

1. Draw a diagram to show the rotation of the Earth.

2. What are cardinal directions? What are they?

3. Match the following.

Directions	Facts
Cardinal directions	The Sun rises in this direction
East	Help find our way
West	Its opposite to South and East is on the right
South	The direction where Sun sets
North	East is on the left and West on your right