

Key BookClass: ThreeSubject: Science**Unit# 1: Living Things. (Ch# 1: Plant Body)**

Let's Find out!

Q. Why do parts of plants vary from plant to plant?

Ans: Different parts of a plant look different due to their adaptations

Q. Which parts of the plants do we use to eat in our daily diet?

Ans: Roots, stem, leaves, seed and fruit

Knowledge corner:

Q. How we can know that the tree is old?

Ans: By counting the rings of a tree trunk.

Amazing:

Q. Which flowers have smell like rotten meat?

Ans: The rafflesia flowers have smell like a rotten meat.

Think about it!

Q. Why are desert plants different from rain – forest plants?

Ans: They have different types of leaves, roots and stem.

Q1: Fill in the blanks.

1. Root
2. Powder
3. Fleshy
4. Insects
5. Leaves

Q. 2: Ans. Broccoli

Q. 3: Ans. Sunflowers turn towards the sunlight.

Q. 4: Ans. Leaves WaxyStem FleshyRoots spreading roots

Reading Questions:

1. Food factory (Pg: 3)
2. Adaptations (Pg: 4)
3. Petal, pollen, pistil and pollination (Pg: 5)
4. Xylem (Pg: 7)
5. Bulbs (Pg: 8)

Activity – 2 working Pg: 11

Ch#2: Life cycle of a plant.

Amazing:

Q. How squirrels plant many trees each year?

Ans: On Book Pg: 13

Think about it:

Ans: No, all seeds grow into a new plant.

Exercise:

Q1: Ans: a plant grows , changes and makes new plant

Q2: Ans. The stages of a plants life cycle are: seed, seedling young plant and then a plant with flowers and fruits.

Q3: Ans. By getting all the basic needs, a seed begin to grow. This process is called germination.

Q4: Ans. Through wind, through water and through air.

Q. true False.

1. True

2. False

3. True

4. False

5. True

Activity – I (Pg: 18)

Activity – II

Young Tree	Fully grown tree
Have green leaves	They have green leaves
They have no fruits	They have fruits
Have large leaves	Have leaf lets

Reading Question:

Roots, Shoots Pg: 13

Unit# 2: Plants as source of energy

Knowledge corner

Q: How many kinds of plant are used by humans? (Ans. On book)

Let's find out

Q1: Ans. Animals depend on plant to get food and oxygen. Plant depend on animals to get nutrients and carbon dioxide.

Q2: Ans. We use plant to get oxygen, food and clothes.

Amazing:

Q: How the word photosynthesis derived? (Ans. On book)

Think about it:

Ans: These plant kept in a special room where violet and red light is provided to proceed photosynthesis.

Exercise

Q1: Fill the blanks.

1. Consumers
2. Herbivores
3. Carnivores

4. Omnivores

5. Pollination

Q2: Ans. The process by which plants make their own food is called photosynthesis.

Q3: Ans. Plants combine water, nutrients and carbon dioxide using sunlight.

Q4: Ans. Animals called consumer because they cannot prepared their own food.

Q5: Ans. Plants get carbon dioxide from animals.

Activity – 1

Across: Plant

Down

1. carbon

2. sunlight

7. food

4. plant

Activity – 2 reading Questions

Photosynthesis, Producers, chlorophyll (Pg: 22)

Consumers (Pg: 25)

Herbivores, carnivores, omnivores (Pg: 26)

Chapter# 2: uses of Plants

Knowledge corner

Q: what was the favourite vegetables of Prophet Muhammad (S. A. W)? (Ans on book Pg: 30)

Amazing

Q: What is a green house? (Ans on book Pg: 31)

Think about it

Ans: Plants provides us shelter and food plant provide us fresh air.

Exercise

Q1: Ans

1. We get food from plant
2. We get wood from plant.
3. We get oxygen

Q2: Ans. Locally grown food is always fresh and affordable organic food is natural but expensive.

Q3: working

Activity – 1 working (Pg: 41)

Reading Question

Sugarcane: Pg: 32

Organic food. Pg: 38

Chapter# 3: Threats for living things

Knowledge corner

Q: what is a atmosphere? (Ans. On book. Pg: 43)

Amazing

Q: What is the most damaging type of natural disaster? (Ans on book. Pg: 44)

Think about it

Ans: By construction of dam.

Exercise

Q1: Ans. Animals become weak because of food and water shortage.

Q2: Ans. Global warming means increased warming of the earth's climate due to something called the green house effect.

Q3: Leakage from oil tankers is known as ocean sewage which can cause harm to plants and animals that live in or near the sea.

Activity – 2 working : Pg: 53

Unit# 3: Matter and Materials

Let's find out

Q1: Ans. Force of friction helps a moving car to stop and a static ball to move.

Q2: Ans. Yes

Knowledge corner

Q: What said Prophet about swimming, horse riding? (Ans on book Pg: 55)

Amazing

Q: How many times humans has less weight of moon? (Ans on book Pg: 56)

Think about it!

Ans. Due to having less force of gravity.

Exercise

Q1: Ans. Force of friction.

Q2: Ans. Due to the force of gravity.

Q3: Ans. All magnets have two poles a north pole (N) and a south pole (S).

Q5: Fill in the blanks:

1. Push, pull
2. Downward
3. Rough
4. Magnetic
5. Electrostatic

Activity – 1 working Pg: 64

Activity – 2 working pg: 65

Chapter# 2: application of forces

Knowledge corner

Q: Reading

Amazing

Q: How is earth like? (Ans on book Pg: 67)

Think about it!

Ans. Yes gravity attract everything with the same force.

Exercise

Q1: Ans. A force can move objects fast and slow.

Q2: Ans. Muscular force is used to push or pull thing.

Q3: Ans. Muscular force.

Q4: Ans. 1) To move things like bicycles. (2). To carry shopping bags.

Q5: Ans. Pull, push, slow, fast, direction

Activity – 1 working: Pg: 76

