

LESSON 1 – PLANTS – The Food Procedures

WORKSHEET – 1

A. Match:

- 1. a – Mango Leaf
- 2. b – Banana Leaf
- 3. c – Jackfruit Leaf
- 4. d – Gulmohar Leaf

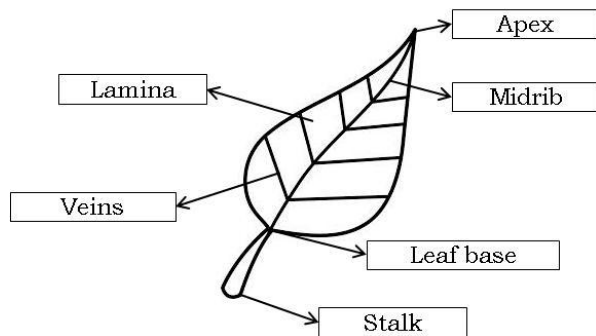
B. Unscramble

- 1. Glucose
- 2. Starch
- 3. Chlorophyll
- 4. Mould

C. Odd one

- 1. Parrot 2. Moonlight 3. Mushrooms 4. Cow

D. Parts of a Leaf



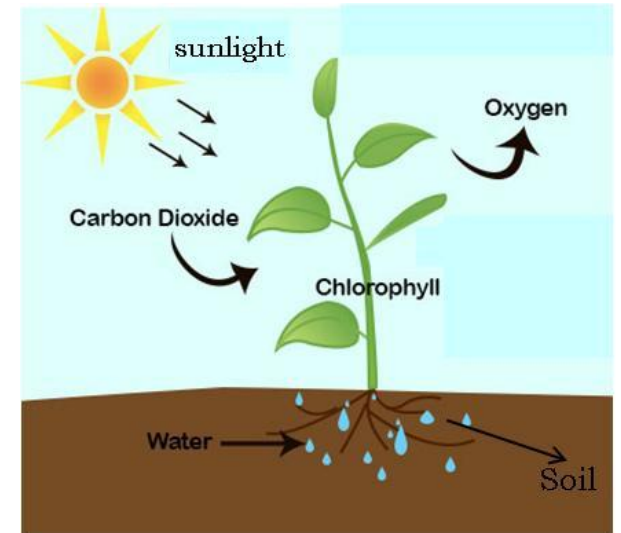
WORKSHEET – 2

B.

- 1. Leaf blade
- 2. Midrib
- 3. Heterotrophs
- 4. Xerophytes

C.

Process: Photosynthesis



WORKSHEET – 3

A. How do Saprophytes grow?

Saprophytes are organisms that can't make their own food. They grow by feeding on dead and decaying matter.

B.

- 1. Afforestation: To control pollution and to prevent soil erosion.

2. Reforestation: To maintain biodiversity and helps in reduction of carbon-di-oxide.

C. Apple tree

LESSON 2 – ADAPTATION IN PLANTS

WORKSHEET – 1

A. Match

1. a – Non-green
2. b – Parasitic
3. c – Aquatic
4. d – Terrestrial
5. e – Insectivorous

B.

1. Thick
2. Evergreen
3. Heavy
4. Breathing

C. Sundarban Mangrove Forest

WORKSHEET – 2

B. Match

1. a – Rubber
2. b – Pepper
3. c – Coconut
4. d – Cardamom

C.

1. Coastal areas
2. Aquatic plants (Fixed plants)
3. Parasitic plants
4. Insectivorous plants

WORKSHEET – 3

A.

1. Pichavaram
2. breathing roots
3. Sundarbans in west bengal
4. Mangroves protect soil erosion with the help of their tangled roots.

B.

- i) Use as Medicine
- ii) Use for preparing cosmetics
- iii) Use as mosquito repellent

C.

Coniferous trees

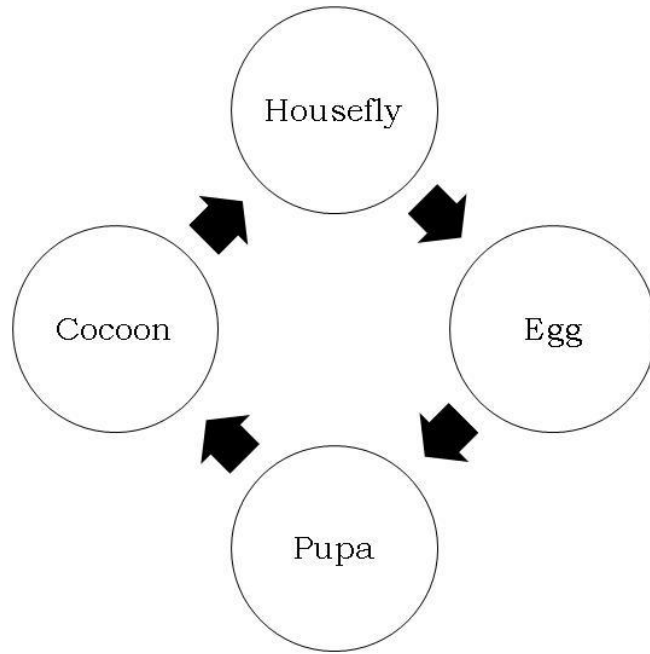
LESSON 3 – REPRODUCTION IN ANIMALS

WORKSHEET – 1

B.

1. Moulting
2. Spawn
3. Mammals
4. Incubation

C.

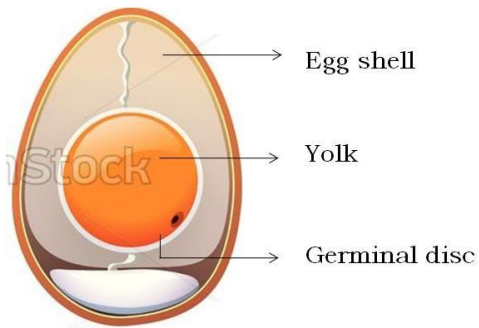


WORKSHEET – 2

B.

- 1. Marsupials 2. Whales breathe through lungs 3. Pupa
- 4. Albumen

C.



WORKSHEET – 3

A.

- 1. The short and soft hair of certain animals are called fur. Polar bear is covered with fur.
- 2. Mammals feed their young ones by its own milk. Viviparous will not feed their young ones by its own milk.
- 3. Silk Thread
- 4. To provide heat to keep a constant body temperature.

B. Amoeba is a unicellular micro organism.

C. Ostrich

LESSON 4

WORKSHEET – 1

A. Match:

- 1. a – Hump
- 2. b – Polar bear
- 3. c – Hibernation
- 4. d – Aestivation

B.

- 1. X 2. √ 3. X 4. √ 5. √

C. Omnivore

WORKSHEET – 2

B.

- 1. Habitat 2. By their survival 3. Physical Adaptation 4. Extinct Animal

C. Rhinoceros

WORKSHEET – 3

A.

1. Human being 2. Asia, Europe 3. To maintain bio diversity 4. Sundarbans in West Bengal.

B. “Project Tiger” is a conservation programme for Tiger launched in 1973 by government of India to save tiger from hunting.

C. Dragon

LESSON 5

WORKSHEET – 1

B.

1. Exercise 2. Posture 3. Snacks 4. Carbohydrates

D. Vitamin D

WORKSHEET – 2

B.

1. Oil, Salt, Vinegar
2. Preservation
3. Water
4. Fats

C. Proteins

WORKSHEET – 3

A. We should not eat our dinner late because it causes indigestion.

B.

1. The unit of energy is called calorie. It is denoted by ‘c’

2. (i) It keeps our mind & body fit.

(ii) It helps in weight loss.

C. It reduces the risk for cancer, diabetes & heart disease.

LESSON – 6

WORKSHEET – 1

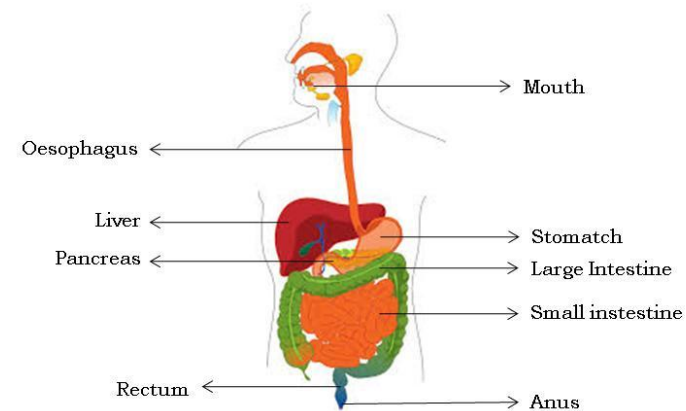
A. Match

- | | |
|-----------------------------------|-------------|
| 1. Tearing the food | – Canines |
| 2. Chew and grind the food | – Molars |
| 3. Cutting and biting the food | – Incisors |
| 4. Crack, crush and chew the food | – Premolars |

B.

1. Crown 2. Enamel 3. Saliva 4. J

C.



WORKSHEET – 2

B.

1. √ 2. X 3. 4. X 5. √

C.

1. a – Bacterium
2. b – Virus
3. c – Fungus
4. d – Protozoan

WORKSHEET – 3

A.

1. No, Wind pipe and food pipe are not same, because wind pipe is used for breathing and food pipe is used to transport food and water.
2. It leads to food poisoning
3. 2-3 minutes.
4. When its not maintained properly.

B.

1. i) Chew the food properly
ii) Take food at regular intervals.
iii) Drink plenty of water.

C.

Smile is formed by flexing the muscles at the side of the mouth.

D. Stomach.

LESSON – 7

WORKSHEET – 1

A.

- Circulatory – Heart, Veins, Artery
Excretory – Kidneys, Ureter, Urethra

B.

1. Organs 2. Heart 3. Capillaries 4. Blood

C.

- Heart
Arteries
Veins
Circulatory system

WORKSHEET – 2

B.

1. Bean shaped 2. Excretion 3. 12 cm 4. Urethra

C.

- Kidney
Ureter
Urinary bladder Excretory system
Urethra

WORKSHEET — 3

A.

1. RBC use to carry oxygen to all parts of our body.
2. Our Immune power will increase if we have more WBC count.
3. Yes, only one kidney is enough for a normal and active life for a lifetime.
4. 80/120 mm/hg

B.

The length of the blood vessels is 60000 miles. It is the part of the circulatory system and helps transport blood throughout the body.

C.

Blood Vessels

LESSON 8

WORKSHEET – 1

A.

Safe – Cotton cloth, Helmet, Book, Seat belt

Unsafe – Knife, electrical wire, Acid, Matchstick

B.

1. Razors
2. Medicines
3. footpath
4. Antiseptic

WORKSHEET – 2

B.

1. Accident
2. First Aid
3. Calamine lotion (or) baking soda paste

4. When a person faints.

C.

First Aid treatment for the wound.

WORKSHEET – 3

A.

To see the word right away around in rear view mirror.
AMBULANCE

B. (i) Fire extinguisher

(ii) Two way path for emergency exit.

(iii) Proper ventilated classrooms.

(iv) First Aid boxes for each floor.

C. It is not safe to use the kitchen because the kitchen is not maintained properly.

LESSON 9

WORKSHEET – 1

A. Match

1. a – Jute fibre
2. b – Silk thread
3. c – Woollen fibre
4. d – Cotton fibre

B.

1. Winter
2. Yarn
3. Natural
4. Lawyers

C. House wife, Polyester, wool

D. Woollen cloth

WORKSHEET – 2

E.

1. Moth balls or dried Neem leaves

2. Cotton

3. dry cleaning

4. Socks and Boots

F.

Gujarat

Tamilnadu

WORKSHEET – 3

A. Synthetic fibres used in manufacturing raincoat.

B.

(i) It evaporates and residual solids remain on the surface of the skin

(ii) No, because it is made of synthetic fibre so, it is not eco-friendly

(iii) Indian Army office

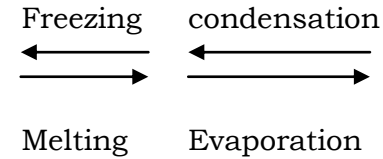
LESSON 10

WORKSHEET – 1

B.

1. X 2. √ 3. √ 4. X

C.



WORKSHEET – 2

B.

1. Evaporation

2. Freezing

3. Condensation

4. Melting

C. Evaporation

WORKSHEET – 3

A.

1. No, it not good for breathing because it contains harmful substance.

2. No, it is not good for health because it contains bacteria.

3. 100°C

4. Because of dry air, vapour get dried and disappear.

B. Atom is the smallest particle of a chemical element that can exist. Atomic physics is the study of atoms.

C. Fragrance – It is pleasant or sweet smell

Odour – It is unpleasant smell

D. The essential oil used in agarbathis which gives scented fragrance

LESSON 11

WORKSHEET – 1

A. Match

1. a – Magnetic
2. b – Muscular
3. c – Frictional
4. d – Gravitational

B.

1. ✓
2. X
3. X
4. ✓

C.

Wedge

Two inclined plane joined together and form a wedge helps cut things

WORKSHEET – 2

A.

1. Magnetic
2. Light
3. Sound
4. Heat

B.

1. a – Screw
2. b – Lever
3. c – Wheel & axle
4. d – Inclined plane
5. e – Pulley

C.

1. Light
2. Light & heat
3. Flour mills

WORKSHEET – 3

A.

1. Hydro energy.
2. Yes, we can generate the electricity through water
3. Biogas is a renewable energy
4. Yes, solar energy is good for environment and pollution free.

B. Bio gas is used as fuel for engines, powering an electric generator to produce electricity.

C. Biogas plant

LESSON 12

WORKSHEET – 1

A.

1. a – Snow
2. b – Hail
3. c – Fog
4. d – Frost
5. e – Dew

B.

1. Evaporation
2. Condensation
3. Precipitation
4. Filtration

C.

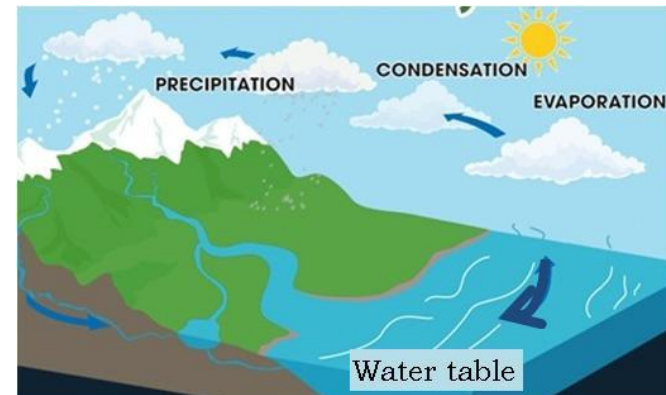
Nitrogen 78%
Oxygen 21%
Other 1%

WORKSHEET – 2

B.

- 1.
2. Chlorine
3. Soluble and Insoluble impurities
4. Sea breeze at night

C.



WORKSHEET – 3

- A. Major human processes like Irrigation, Urbanization, Combustion, deforestation, wetlands etc affects the water cycle.
- B. Fluoridation is the controlled addition of fluoride to a public water supply to reduce tooth decay.
- C. It is not safe because the iron rod or iron handle can conduct electricity and we may get electric shock.

LESSON 13

WORKSHEET – 1

- A.
 - 1. Extinct 2. Active 3. Dormant
- B.
 - 1. 23.5 2. fixed 3. stars 4. 1500
- C.
Constellation

WORKSHEET – 2

- A.
 - 1. No because there is no air and water.
 - 2. A comet is an icy, small solar system body.
 - 3. The lunar maria are large, dark, basaltic plains on Earth's Moon.
 - 4. It helps to collect more data than instruments on the ground.
- B.
Extraterrestrial liquid water is water in its liquid state that naturally occurs outside Earth.

C. Satellite

LESSON 14

WORKSHEET – 1

- B.
 - 1. Respiratory system 2. Jaundice 3. Noise pollution 4. Contaminator
- C.
Land pollution

WORKSHEET – 2

- B.
 - 1. Light, water temperature and nutrients affects the growth of the plants.
 - 2. CNG – Compressed Natural Gas
LPG – Liquefied Petroleum Gas
 - 3. Chemicals and poisonous substance can cause health hazard
 - 4. 5th June
- C.
 - 1. Compost 2. Vermicompost

WORKSHEET – 3

- A.
Head phone
Noise pollution
- B.
Biodegradable Non-biodegradable

- C.
- (i) Keep our surroundings clean
 - (ii) Avoid using plastics
 - (iii) Encourage Afforestation
 - (iv) Plant own vegetable garden

LESSON 15

WORKSHEET – 1

B.

1. √ 2. X 3.√ 4. √ 5. X (first week of October)

WORKSHEET – 2

B.

- 1. Collecting the rain from roof gutters
- 2. Plastic products
- 3. 'Reduce', 'Reuse' and 'Recycle'
- 4. Wind Energy, Biomass Energy

C.

- (i) Its is readily accessible
- (ii) Can be used as alternative fuel purposes
- (iii) It is safe and environmentally conscious energy source
- (iv) It release a lower amount of toxic emissions

WORKSHEET – 3

A.

- (i) Bhadra wildlife sanctuary in Karnataka
- (ii) Mangalavanam Birds WLS in Kerala

- (iii) Indira Gandhi wildlife sanctuary in TN
- (iv) Kodaikanal WLS in TN

B.

- (i) Direct
- (ii) Capture
- (iii) Collect
- (iv) Store
- (v) Use:

C.

World peace

D.

Global Green cross is a symbol of nature and Life. To represent life in a spiritual sense.