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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Allah's Name to commence with the Most Gracious, the Most Merciful

SPECTRUM Science

SOLVED EXERCISES

1



Prepared by:
Rana Amir Munawar

Reviewer:
Saifullah Khalid


Spectrum
Enlightening Generations

Spectrum Science Grade-1

(Solved Exercises)

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Introduction to Spectrum Science Series Book 1 to 5

Spectrum Science Series is a completely new approach to textbooks. This series focuses on doing one thing right; imparting necessary education to young learners with no frills.

The main aim of *the Science Series Grade-4* textbook is to provide a real-life hands-on experience to the young learners regarding scientific phenomena around us. For this reason, we have ensured multiple sections within a chapter to help students digest scientific knowledge and concepts, through a step-by-step process, rushing nothing.

Every chapter starts with a warm-up section, which includes the *Think* and *Explores* section. It is followed by the *Know* section, which presents new concepts. In the end, we have an *Exercise* section, which includes the *Activity Time* section to test that which students have learnt.

Think

This section rekindles the *existing repository of knowledge* and information about young children. Each *Think* activity is aligned with given SLOs, focusing on exercising the mental processing of a child. It aims at directing the students toward the subject of the chapter.

Explore

The *Explore* section asks the children to *perform* an activity. The student has to write the results of their exploration. Combined with *Think* activity, the *Explore* section aims at gearing up the young learners towards the content of the chapter.

Know

The essence of the unit lies in this section. It is carefully *constructed* to disseminate knowledge that adheres to the SLOs and that caters to the curious young minds of the readers. The structure has been ensured to maintain continuity of topics within a chapter, which leads to fun reading and a better understanding of concepts.

Activity

This section comes at the end of the chapters with a focus on *cementing* the knowledge learned by students through *practical* activity. These activities take a cue from the content of the chapter and ask the student to apply it in various ways.

The language of the book has been reviewed and proofed by our language experts, who have painstakingly tried to smooth the edges and maintain continuity within texts.

Spectrum Science Teaching Guide Grade-1

Spectrum Science Teaching Guide consists of unit-wise worksheets, solved exercises of the book, unit-wise assessment papers, a terminal assessment and lesson plans. It is designed to effectively support the teachers in student-centered teaching strategies, with simple and clear instructions.

The following key features of the lesson plans make teaching easier for teachers:

⇒ **Student Learning Outcomes (SLOs)** are carefully planned goals for what students will learn. These also define what students will know and be able to do by the end of the lesson.

⇒ **Prior Knowledge** connects students to what is being taught in class.

⇒ **Resources** are required material in the lesson. Teachers are encouraged to arrange necessary materials in advance.

⇒ **Warm-up** is an icebreaker. These are done to develop students' interest in the subject and generate engagement.

⇒ **Lesson Structure** is the central part of the lesson plan. Its goal is to ensure that learning outcomes are achieved through explanation, demonstration, activities, class discussion, and brainstorming. Referencing the text, illustrations and pictures in the manual will make the lesson engaging and interesting. Teachers are encouraged to collect student feedback to determine if learning outcomes are being achieved.

⇒ **Conclusion** summarizes the topic and often includes an assessment of the topics covered in a particular lesson.

⇒ **Class Assignments** based on worksheets or activities. The teacher can assign it for homework.

⇒ **Homework** is assigned to students during the lesson to reinforce what they have learnt.

Conclusion

We hope teachers and students will find *Spectrum Science Series Books 1-5* thoroughly beneficial. These books contain modern teaching approaches which help students to become curious learners of science.

We wish all the teachers and students using *Spectrum Science Series Books 1-5* all the best.

Solved Exercises

Unit.1 Our Body Parts

Exercise

Question 1

Answers of the questions.

- i. What body part we use to eat?

Answer: mouth

- ii. What do we do with arms and hands?

Answer: Arms and hands help us to write and lift things.

- iii. What does our mouth have?

Answer: a tongue and thirty two teeth

Question 2

Fill in the blanks with correct words.

- i. We have two eyes to see things. (one, two)
- ii. Our neck helps our head to move from side to side. (neck, shoulder)
- iii. Legs help us to walk and run. (legs, arms)

Question 3

Match the part of body in column A with its function in column B.

Column A	Column B
Feet	Help in walking
Hands	Help in lifting things
Neck	Helps in moving our head
Mouth	Helps in eating food
Shoulders	Help in twisting our arms

Unit.2 Our Sense organs

Exercise

Question 1

Answers of the questions.

- i. How many senses do we have?

Answer: five

- ii. Name the five senses we have.

Answer: sight, hearing, smell, taste, and touch

- iii. What do we do with our eyes?

Answer: We see different things.

- iv. What does our nose do?

Answer: We smell and breathe with our nose.

Question 2

Fill in the blanks with correct words.

- i. Our skin helps us feel things. (skin, eyes)
- ii. We use our sense of hearing to hear sounds. (hearing, smell)
- iii. Our sense of taste helps us tell the difference between good and bad taste. (hearing, taste)

Question 3

Match each sense organ with its sense.

Match eye with the Sun

Match nose with the flower

Match tongue with the pizza

Match ear with the telephone

Match hand with the pencil

Unit.3 Healthy Body

Model Answers

Question 1

Answers of the questions.

i. Make a list of five healthy foods.

Answer: 1. Fruits 2. Vegetables 3. Milk 4. Meat 5.

ii. Which food keeps us healthy and fit?

Answer: healthy diet

iii. What is the advantage of proper sleep?

Answer: Proper sleep gives our body rest.

Question 2

Fill in the blank with the correct words.

i. Fruits and vegetables are healthy foods.

(healthy, unhealthy)

ii. Exercise involves moving your body in different ways.

(shaping, moving)

iii. Our body needs proper sleep to rest and grow.

(sleep, exercise)

Question 3

Match column A with pictures of column B.

Column A	Column B
A child eating healthy diet	2 nd Picture
A boy exercising	3 rd Picture
A man sleeping	1 st Picture

Unit.4 Cleanliness

Model Answers

Question 1

Answers of the questions.

- i. What is cleanliness?

Answer: Cleanliness is the habit of keeping ourselves clean.

- ii. Write a benefit of healthy habits.

Answer: They keep germs and diseases away from us.

- iii. How many time should we brush our teeth?

Answer: twice a day

Question 2

Here are two children, namely Sajid and Majid. Let us give them stars for their habits. Draw a red star for healthy habits of cleanliness and a black star for unhealthy habits next to each picture.

1st picture= black star

2nd picture= green star

3rd picture=black star

4th picture= green star

5th picture=green star

6th picture=black star

- i. **Who has more green stars?**

Majid

- ii. **Who has more black stars?**

Sajid

- iii. **Which one of them follows healthy habits more?**

Majid

Question 3

Write 'T' for true and 'F' for false statement.

- i. Cleanliness keeps germs and diseases away from us. **T**
- ii. Healthy habits make us sick. **F**
- iii. Regular baths wash away germs from our body. **T**

Unit.5 Living Things and Non-living Things

Model Answers

Question 1

Answers of the questions.

- a. Name five animals found at a zoo.

Answer: tiger, lion, elephant, deer, monkey (Answers may vary)

- b. Name any five non-living things found at your home.

Answer: (The children will give their own answers. Help them write names in the note book.)

- c. Write any two characteristics of living things.

Answer: They breathe and eat food.

Question 2

This is Ahmad's toy mouse. It moves forward when he pushes it. He calls it a living thing because it moves.

Is Ahmad right?

- a. Yes
b. No✓

A non-living thing has the following features.

- It requires force for movement.
- It does not need food and water to live.
- It does not grow.
- It does not have babies.

Question 3

Draw a circle around living things (bird, trees, cat, boy and butterfly) and a square around non-living things (aeroplane, swing, car, football, sun and the fence).

Unit.6 Plants around Us

Model Answers

Question 1

Answers of questions.

- i. What is a fruit-bearing plant?

Answer: a plant that produces fruits

- ii. What are small plants called?

Answer: shrubs or herbs

- iii. Name two different parts of a plant.

Answer: root and leaves

Question 2

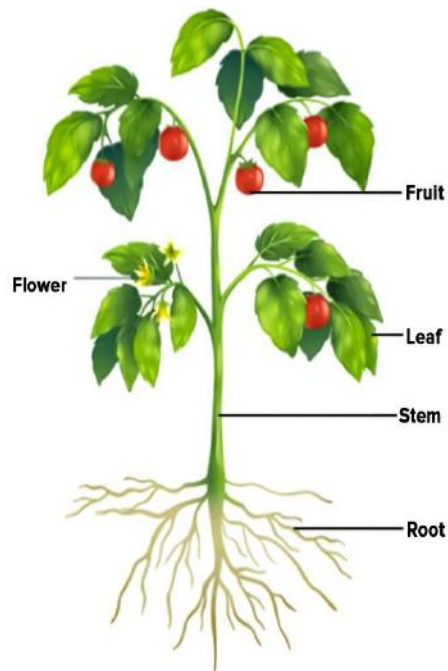
Write 'T' for true and 'F' for false statement.

- i. Grass is a tall plant. **F**
- ii. Some flowers become fruits. **T**
- iii. Climbers do not need support to grow. **F**

Question 3

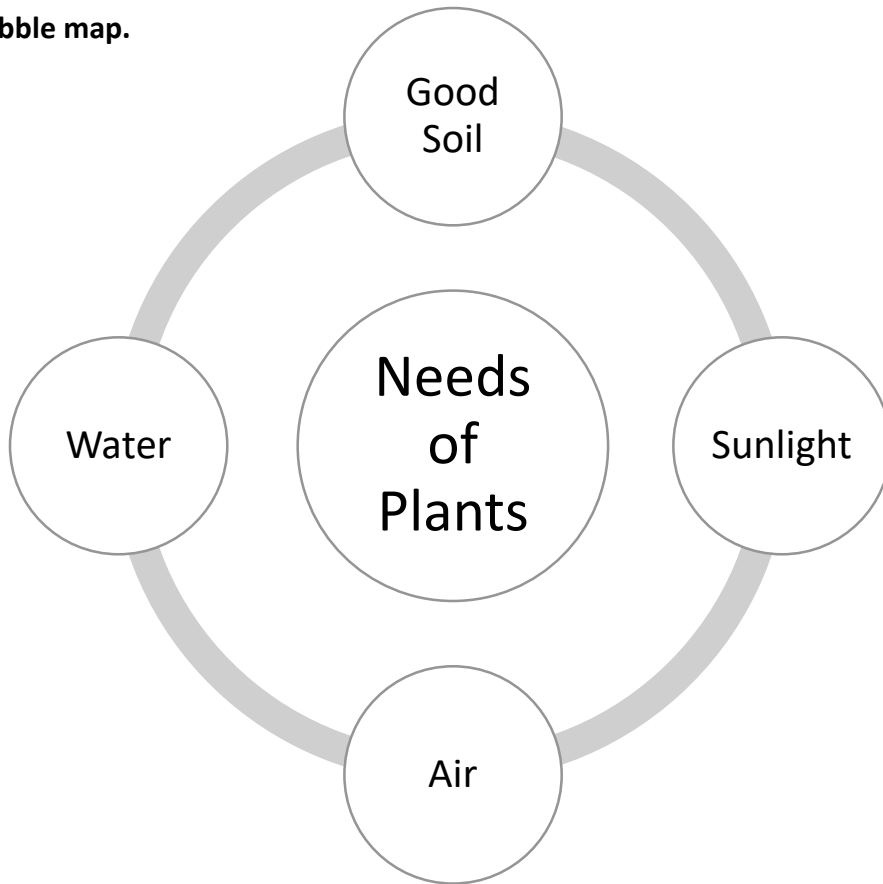
Label the parts of this plant.

Sample picture



Question 4

Fill in the bubble map.



Unit.7 Uses of Plants

Model Answers

Question 1

Answers of the questions.

- i. What are the different kinds of foods we get from plants?

Answer: We get different kinds of fruits, vegetables and grains from plants.

- ii. Name any five foods we get from plants.

Answer: fruit, vegetables, grains, nuts, pulses

- iii. Write any two uses of wood at your home.

Answer: doors and cupboards

Question 2

Write 'T' for true and 'F' for false statement.

- i. We get fruits and vegetables from plants. **T**
- ii. Trees do not give shade from sunlight. **F**
- iii. Plants help keep the air clean. **T**

Question 3

Carefully look at the picture below. Plants are being used in different ways in these pictures.

Point them out with circles on the pictures.

Answer: The students will encircle the fruits, vegetables, wooden chair, cutting board, knife stand, cupboards and cooking oil.

Unit.8 Animals around Us

Model Answers

Question 1

Answers of questions.

- i. Name one big and one small animal you saw recently.

Answer: (Ask students what animals they saw and make them write the answers in the note book.)

- ii. What does a sparrow use for flying?

Answer: wings

- iii. Which animal provides us with eggs and meat?

Answer: hen

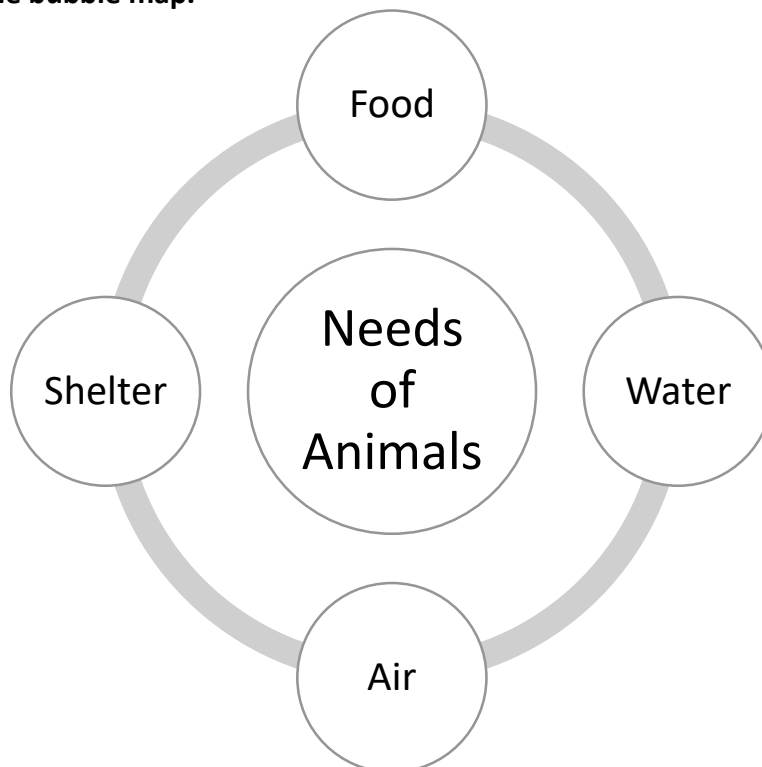
Question 2

Write 'T' for true and 'F' for false statement.

- i. Ants are big animals. **F**
ii. A goat is useful for its wool. **F**
iii. Donkeys are used for transportation of loads. **T**

Question 3

Complete the bubble map.



Unit.9 Animal Food and Homes

Model Answers

Question 1

Answers of questions.

- i. Where does a lion live?

Answer: A lion lives in a den.

- ii. Why do animals need a shelter?

Answer: Shelter protect animals from weather and the danger of other animals.

- iii. Name any two domestic animals.

Answer: hen and goat

Question 2

Write names of animals in the table according to their feeding habits.

Only plant eaters	Plant and meat eaters	Only meat eaters
cow	birds	lion
goat	brown bear	tiger

Question 3

Match animals to their homes.

Picture of Pigeon	Picture of Fish	Picture of Dog	Picture of Rabbit	Picture of Honey-Bee
5 th Picture	4 th Picture	1 st Picture	3 rd Picture	2 nd Picture

Unit.10 Objects in Our Surroundings

Model Answers

Question 1

Answers of questions.

- i. Which properties of an object can you tell by seeing it?

Answer: shape and colour (Answers may vary)

- ii. Which properties of an object can you tell by touching it?

Answer: texture and hardness or softness (Answers may vary)

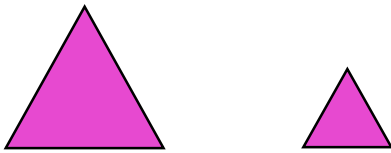
- iii. List two objects, each having a different size and colour.

Answer: eraser and school shoes (Answers may vary)

Question 2

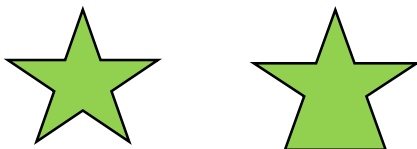
Identify the similarities and differences between the following.

- i. What is similar about these two shapes?



Size	Colour ✓	Shape ✓
------	----------	---------

- ii. What is different about these two shapes?



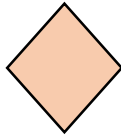
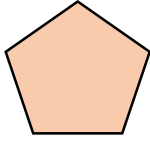
Size	Colour	Shape ✓
------	--------	---------

- iii. What is similar about these two shapes?



Size ✓	Colour	Shape ✓
--------	--------	---------

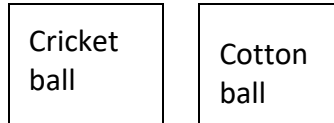
iv. What is similar about these two shapes?



Size	Colour ✓	Shape
------	----------	-------

Question 3

Ali has a cricket ball in his right hand and a cotton ball in his left hand.



Both appear white, round and similar in size.

But Ali can feel the difference between these two.

Encircle the correct answer.

- i. Which one has more weight?
- Cricket ball ✓
 - Cotton ball
- ii. Which one is soft?
- Cricket ball
 - Cotton ball ✓

Question 4

Observe three different objects from your surroundings and write their properties.

The students will complete the table as per given example under the supervision of their teacher.

Unit.11 Force and Movement

Model Answers

Question 1

Answers of the questions.

i. What is a force?

Answer: A push or a pull on an object, is called force.

ii. If you push an object, where does it move?

Answer: It will move away from you.

iii. If you pull an object, where does it move?

Answer: It will move towards you.

Question 2

Write “push” or “pull” under each picture.

1 st Picture	2 nd Picture	3 rd Picture	4 th Picture
Push	Pull	Push	Pull

Question 3

Circle the 2nd picture (stone) and 4th picture (sofa). Tick the 1st picture (toy car) and 3rd picture (empty box).

Unit.12 Sound

Model Answers

Question 1

Answers of the questions.

- i. What is a sound?

Answer: A sound is something that we can hear.

- ii. What is noise?

Answer: Noise is loud and unpleasant sound.

- iii. Name two sounds which are unpleasant.

Answer: pressure horn and screaming (Answers may vary)

Question 2

Look at the illustration and complete the statements using the word bank.

(noise, bad, headache)

Ali is using a machine. The machine makes a lot of noise. Its sound is bad for ears and causes a headache.

Question 3

Here are some sounds. Let us sort them!

Write 'L' for loud sounds and 'S' for soft sounds.

1 st Picture= L	2 nd Picture=L	3 rd Picture=S
4 th Picture=S	5 th Picture-L	6 th Picture= S

Unit.13 What is Light?

Model Answers

Question 1

Answers of the questions.

i. Can you see in dark?

Answer: No, I cannot see in the dark.

ii. What are two types of light sources?

Answer: natural and artificial

iii. What is the biggest natural source of light?

Answer: the Sun

iv. Name two things that give dim light.

Answer: moonlight and candle light

Question 2

Write 'T' for a true and 'F' for a false statement.

- i. We need light to see things. **T**
- ii. The Moon is an artificial source of light. **F**
- iii. The Sun also gives us heat. **T**
- iv. As the Sun sets, the light goes bright. **F**

Question 3

Write 'N' under natural sources and 'A' under artificial sources of light.

Bulb	Laptop	Torch	Lamp
A	A	A	A
Sun	Candle	Cellphone	Moon
N	A	A	N

Unit.14 Planet Earth

Model Answer

Question 1

Answers of the questions.

- i. What is the shape of the Earth?

Answer: round

- ii. What covers most of the Earth's surface?

Answer: water

- iii. What are needs of living things?

Answer: air, sunlight, food, soil, and water

Question 2

Label the land, and water in the following picture.



Question 3

Write 'T' for a true and 'F' for a false statement.

- i. Our Earth is flat, and looks like a square. **F**
- ii. The Earth is covered with land and water. **T**
- iii. Living things need air, sunlight, food, soil and water. **T**

Question 4

Colour the 1st, 4th, 6th and 7th pictures.

Unit.15 Objects in the Sky

Model Answers

Question 1

Answers of questions.

- i. Name the nearest star to the Earth.

Answer: the Sun

- ii. What does the Sun give us?

Answer: heat and light

- iii. Does the Moon have its own light?

Answer: No, it does not.

Question 2

Look and complete the following statements.

- i. The shines during the day. (day/night)
- ii. The shines during the night. (day/night)
- iii. The gives us heat. (heat/cooling)

Question 3

Write 'T' for a true and 'F' for a false statement.

- i. During the day, I can see stars in the sky. **F**
- ii. At night, we can see the Moon. **T**
- iii. The Sun is the nearest star to our Earth. **T**
- iv. Stars look small because they are very far from us. **T**

Question 4

Draw an object you can see in the sky during the day.

Sample Image



Question 5

Draw an object that you can see in the sky at night.

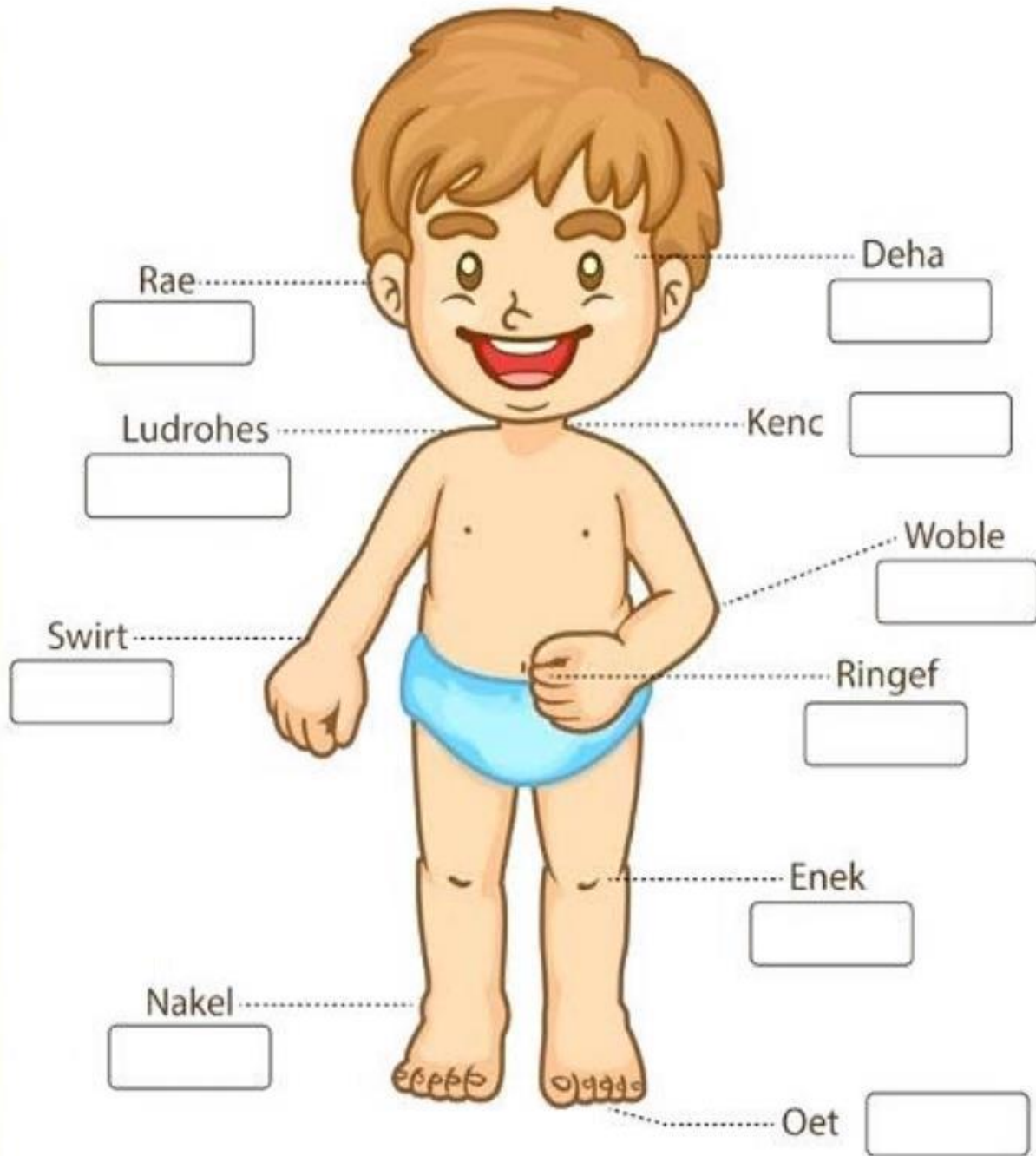
Sample Image



Worksheets

Unit 1: Our Body Parts

Unscramble the letters to name the different parts of human body.



Unit 2: Our Sense Organs

Identify the sense organs and fill in the blanks.

My Five Senses



I see with my _____



I hear with my _____



I taste with my _____



I touch with my _____



I smell with my _____

Unit 3: Healthy Body

Healthy habits make a body. Number the pictures below with the correct word.

Healthy Habits



Word bank

1. Play
2. Do exercise
3. Drink water
4. Sleep well
5. Eat well
6. Wash

Unit 4: Cleanliness

Fill in the blanks with the correct option.



Nail Cutter



Shampoo



Tooth Brush

We wash our hair with _____.



Shoe Brush



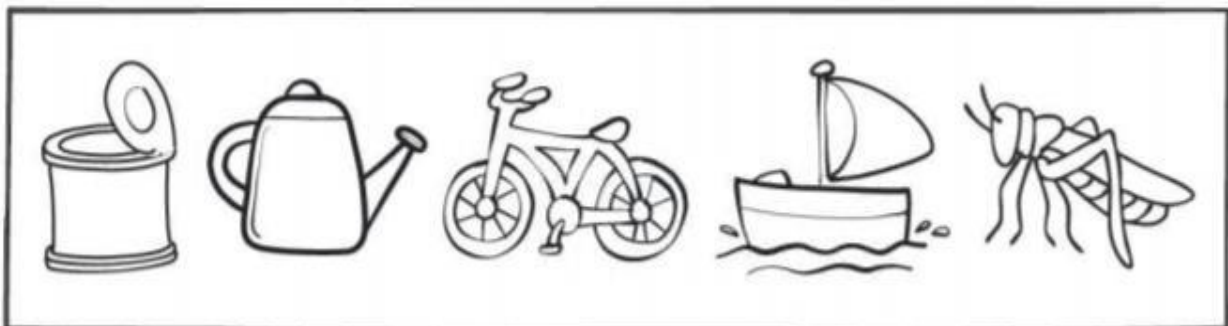
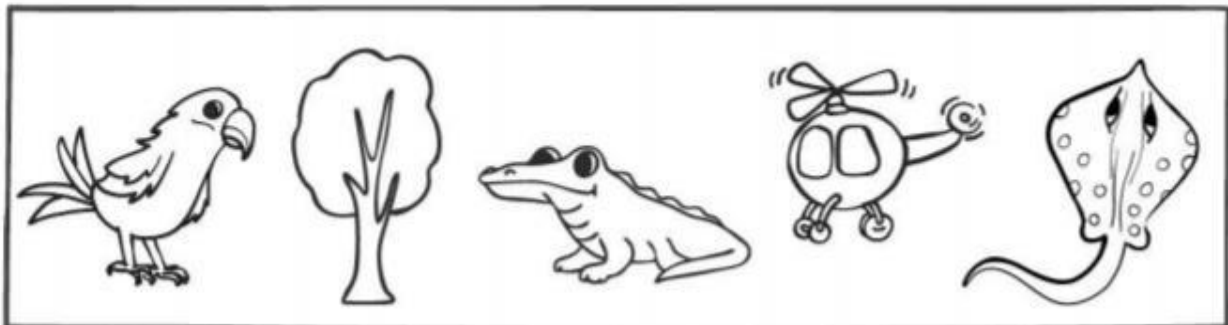
Tooth Brush



Hair Brush

Unit 5: Living Things and Non-living Things

Colour the living things green and non-living things red in each group.



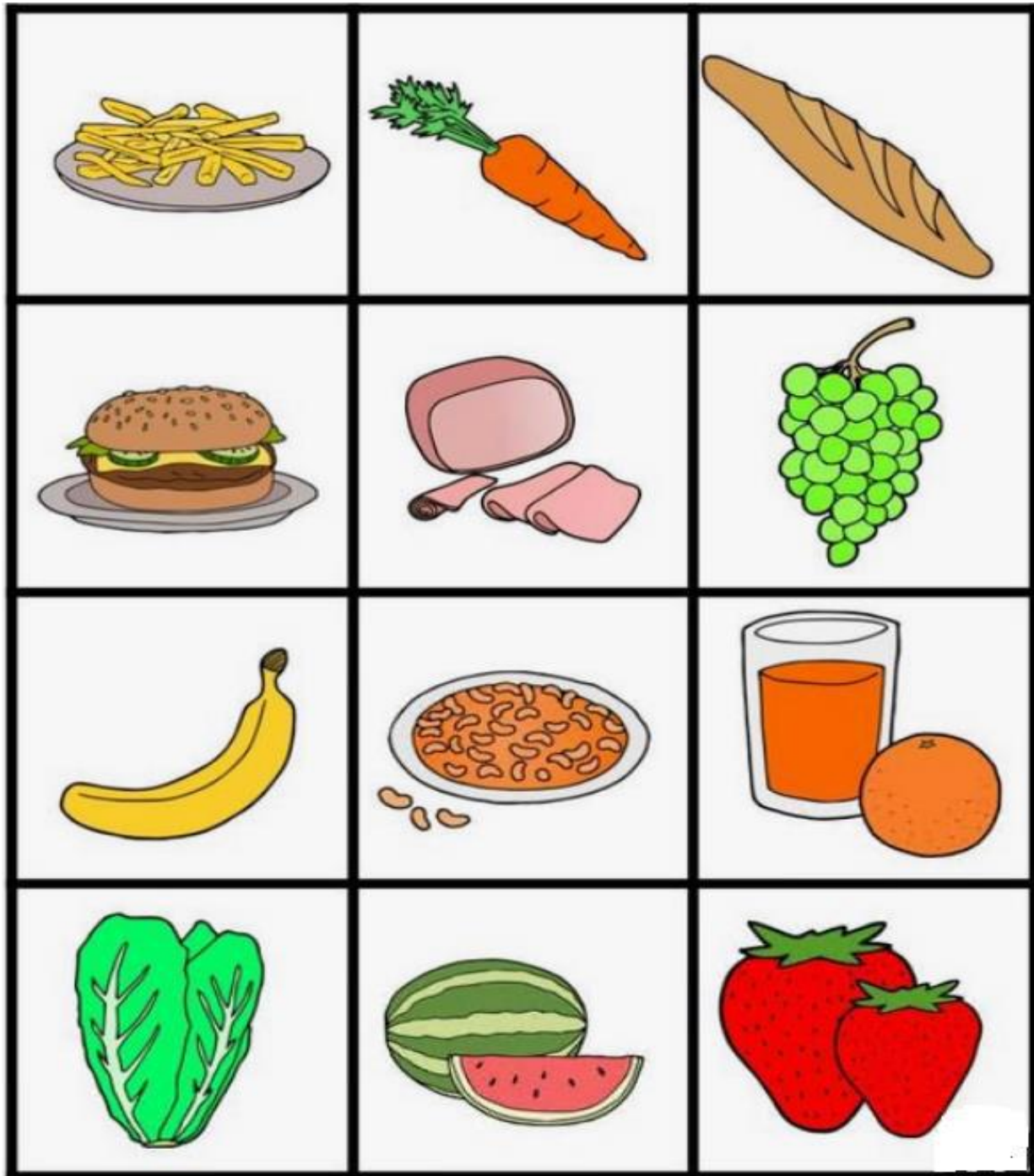
Unit 6: Plants around Us

Write the type (herbs, shrub, creepers and climbers) of the plants.



Unit 7: Uses of Plants

Identify the things we get from plants and encircle them.



Unit 8: Animals around Us

Look at each animal picture and rearrange letter to write name of animal on the line.

 <p>eheps</p> <p>_____</p>	 <p>cudk</p> <p>_____</p>
 <p>osertor</p> <p>_____</p>	 <p>woc</p> <p>_____</p>
 <p>gip</p> <p>_____</p>	 <p>rehos</p> <p>_____</p>
 <p>atog</p> <p>_____</p>	 <p>nichkec</p> <p>_____</p>

Unit 9: Animals Food and Homes

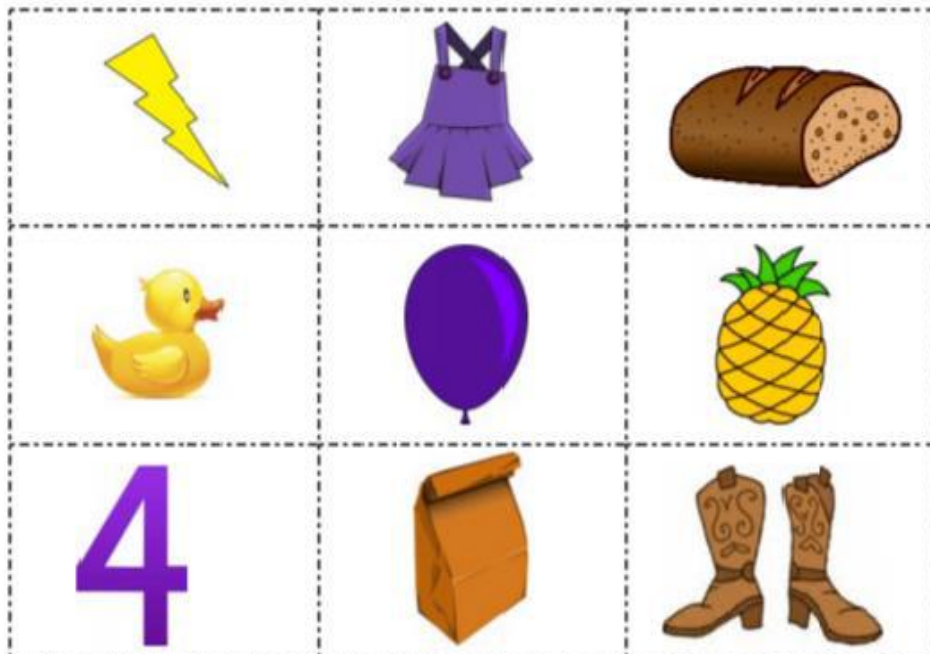
Match the animals with their homes.



Unit 10: Objects in our Surroundings

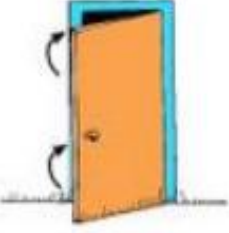








We can tell the colour of an object by looking at it. Look at the pictures below and count objects with same colours.

purple	
yellow	
brown	





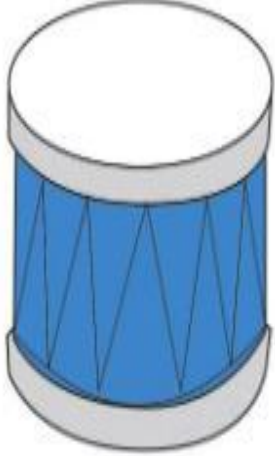



Unit 11: Force and Movement

Look at the pictures below. Use a force word 'Push' or 'Pull' to answer the questions.

<p>To close the door</p> 	<p>To open the jam jar</p> 	<p>To win the tug of war game.</p> 
<p>Switching on the TV</p> 	<p>Spinning a coin</p> 	<p>Getting the shopping</p> 
<p>Turning the tap on</p> 	<p>Using the computer keys</p> 	<p>To open the curtains</p> 

Unit 12: Sound

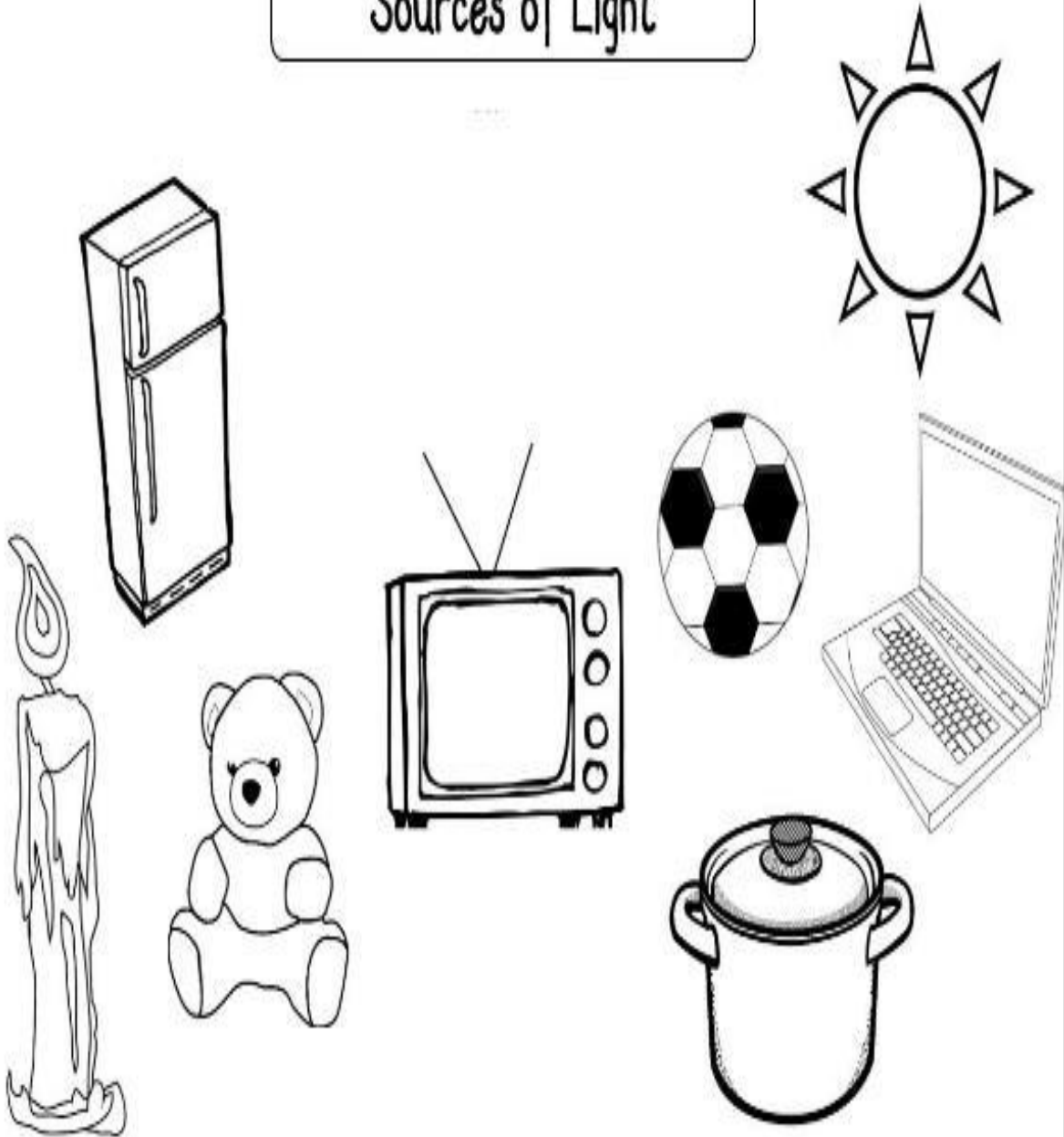
Write 'L' for loud sounds and 'S' for soft sounds

	<p>quiet/shhh</p> 	<p>drum</p> 
<p>fireworks</p> 	<p>bicycle</p> 	<p>18-wheeler truck</p> 

Unit 13: What is Light?

Colour the source of light.

Sources of Light



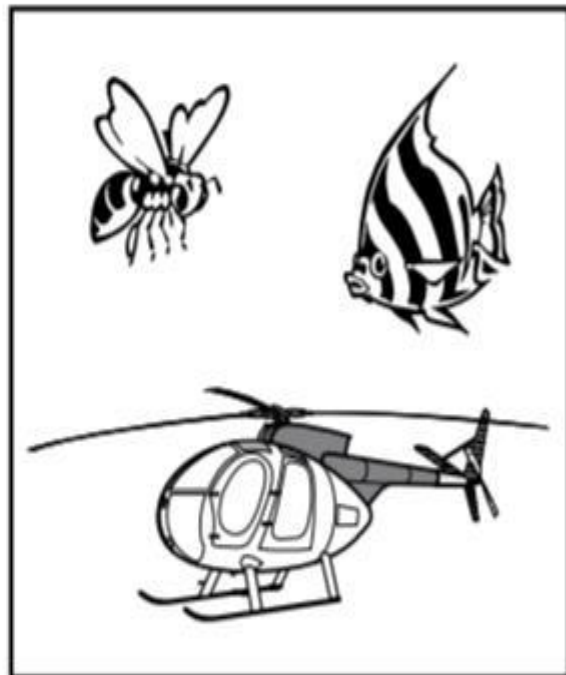
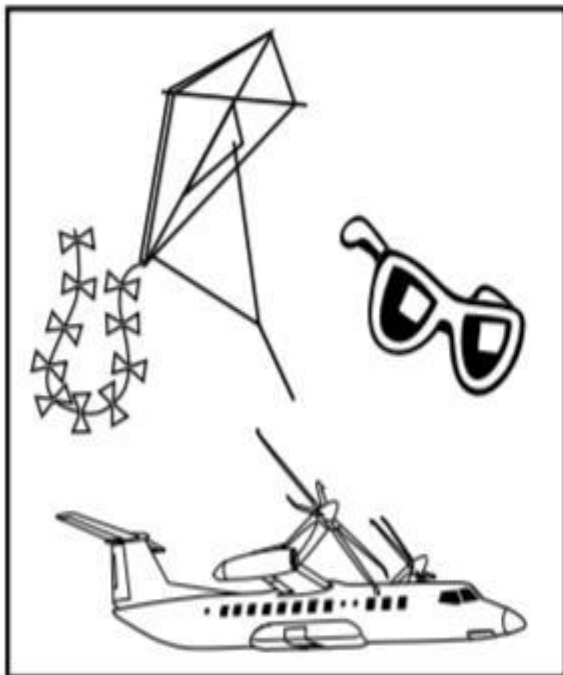
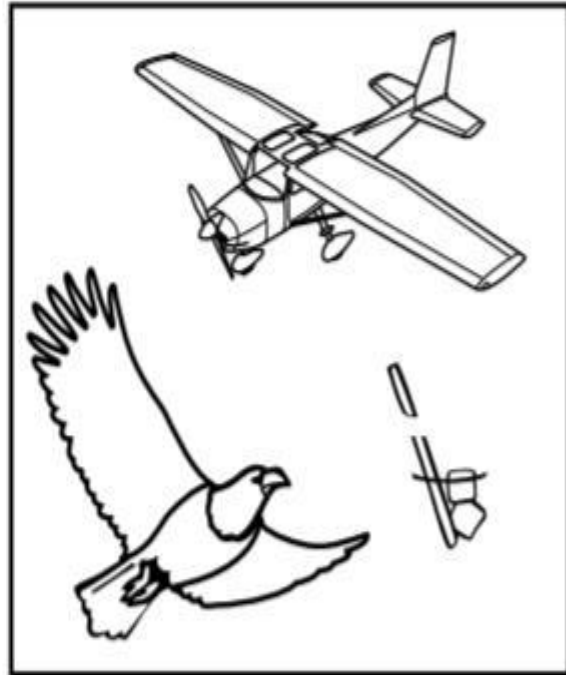
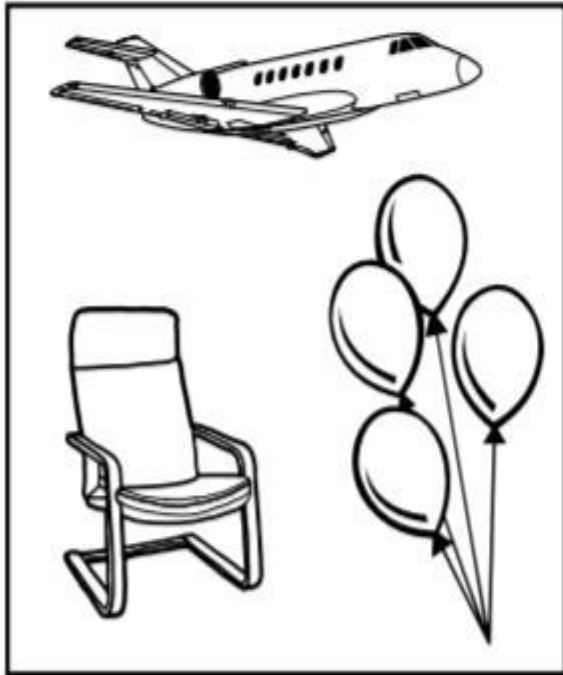
Unit 14: Planet Earth

Colour and label the Earth as land and water.



Unit 15: Objects in Sky

Identify the objects found in sky and colour them.



Term Assessment

1st Term Assessment	Time: 60 Minutes
	SCIENCE 1

Name: _____ Roll No: _____ Date: _____

Section	Section-I	Section-II	Practical	Viva	Total
Maximum Marks	60	20	10	10	100
Obtained Marks					

Section-I

Question 1

Fill in the blanks with correct word.

/10

- a) We have _____ eyes to see things. (one, two)
- b) Our _____ helps our head to move from side to side. (neck, shoulder)
- c) _____ help us walk and run. (legs, arms)
- d) Our _____ helps feel things. (skin, eyes)
- e) We use sense of _____ to hear sounds. (hearing, smell)
- f) Fruits and vegetables are _____ foods. (healthy, unhealthy)
- g) Exercise involves _____ your body in different ways. (shaping, moving)
- h) Our body needs proper _____ to rest and grow. (sleep, exercise)
- i) An object is usually considered as a _____. (living thing, non-living thing)
- j) Earth is covered with land and _____. (water, air)

Question 2

Write 'T' for true and 'F' for false statement.

/10

- i. Our arms and hand help us to hold and lift things.
- ii. Nose is only used for smelling.
- iii. Fruits and vegetable are unhealthy foods.
- iv. Exercise also good for a good night sleep.
- v. Cleanliness keeps germs and diseases away from us.
- vi. Cleanliness can make us sick.

Term: 1st

- vii. Regular baths wash away germs from our body.
- viii. We can tell the colour of an object by touching it.
- ix. Major area of our Earth is covered with land.
- x. The blue area of the Earth shows water bodies.

Question 3

Match the column A with column B.

/10

Column A	Column B
<i>Neck</i>	<i>Fruits</i>
<i>Feet</i>	<i>Helps moving our head</i>
<i>Skin</i>	<i>Help in walking</i>
<i>Green Area on Earth</i>	<i>Helps in eating food</i>
<i>Mouth</i>	<i>Touch and Feel</i>
<i>Healthy Food</i>	<i>Help in twisting our arms</i>
<i>Blue Area on Earth</i>	<i>Shows water bodies on Earth</i>
<i>Shoulders</i>	<i>Burger</i>
<i>Green Area on Earth</i>	<i>Helps in touch and feel</i>
<i>Unhealthy Food</i>	<i>Shows land on Earth</i>

Question 5

Enlist things present on the land.

/10

1. _____

2. _____

3. _____

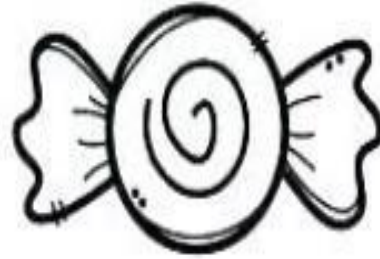
4. _____

5. _____

Question 4

Colour healthy food green and unhealthy food red.

/10



Question 5

/10

Complete the following.



I see with my _____



I hear with my _____



I taste with my _____



I touch with my _____



I smell with my _____

Section-II

Question 6

Answer the questions.

/20

i. What does our mouth have?

Answer:

ii. What does our nose do?

Answer:

iii. Name the five senses we have.

Answer:

iv. Which food keep us healthy and fit?

Answer:

v. What is cleanliness?

Answer:

vi. Write a benefit of healthy habits.

Answer:

vii. Which properties of an object can you tell by touching it?

Answer:

viii. Which properties of an object can you tell by seeing it?

Answer:

ix. What are the needs of living things?

Term: 1st

Answer:

x. **What is the shape of the Earth?**

Answer:

Practical

Performance of the student in activities of units 1.2 and 1.10.

/10

Viva (oral assessment)

Give at least five real life examples from the concepts given below. (Any Five)

/10

- **Five Body Parts (other than lesson)**
- **Five Habits of Cleanliness**
- **Objects of Different Sizes**
- **Objects of Different Colours**
- **Objects of Different Shapes**
- **Healthy Food**
- **Unhealthy Foods**
- **Five Water Bodies on the Earth**

2nd Term Assessment	Time: 60 Minutes
	SCIENCE 1

Name: _____ Roll No: _____ Date: _____

Section	Section-I	Section-II	Practical	Viva	Total
Maximum Marks	60	20	10	10	100
Obtained Marks					

Section-I

Question 1

Write 'T' for true and 'F' for false statement.

/10

- k) Healthy habits make us sick.
- l) Some flowers become fruit.
- m) Grass is a tall plant.
- n) Climbers do not need support to grow.
- o) Ants are big animals.
- p) A goat is useful for its wool.
- q) Push and pull are forces that move things.
- r) We need light to see things.
- s) The moon is an artificial source of light.
- t) A galaxy is the group of stars.

Question 2

Tick (✓) the right answer.

/10

- i. We have ____ eyes to see things. (one, two)
- ii. Our sense of _____ tells the difference between good and bad taste. (hearing, taste)
- iii. The Sun shines during the _____. (day, night)
- iv. The Moon shines during the _____. (day, night)
- v. Cows give us _____. (milk, eggs)
- vi. Fish swim in water with _____. (fins, wings)
- vii. We can move a light object with ____ force. (less, more)
- viii. When the Sun sets, the light becomes _____. (bright, dim)
- ix. We can guess the size of an object by _____ at it. (looking, smelling)
- x. The _____ is the nearest star to our Earth. (Moon, Sun)

Question 3

Match the column A with column B.

/10

Column A
<i>Plants</i>
<i>Humans and Animals</i>
<i>Sweet Potato</i>
<i>Mango Tree</i>
<i>Sun</i>
<i>Sparrow</i>
<i>Moon and Stars</i>
<i>Sheep</i>
<i>Bulbs</i>
<i>Dim Light</i>

Column B
<i>Creeper</i>
<i>Heat and Light</i>
<i>Fruit-Bearing Plant</i>
<i>Seeds</i>
<i>Babies</i>
<i>Wool</i>
<i>Man-made Source of Light</i>
<i>wings</i>
<i>Candle</i>
<i>Night</i>

Question 4

Enlist living things you have seen recently.

/5+5=10

1. _____
2. _____
3. _____
4. _____
5. _____

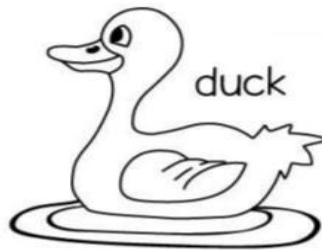
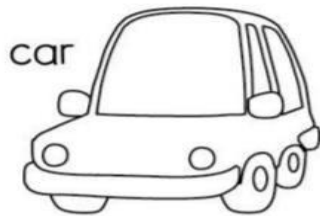
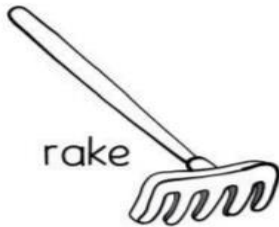
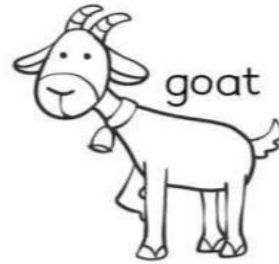
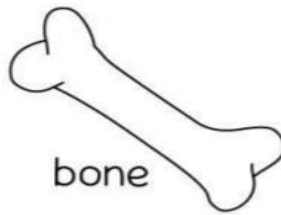
Enlist any five fruit-bearing plants.

1. _____
2. _____
3. _____
4. _____
5. _____

Question 5

Identify the living and non-living things. Colour the living things green and non-living things red.








/10



Question 6

/10

Write 'N' for natural and 'A' for artificial sources of light.

Section-II

Question 7

Answer the questions.

/20

i. Name any two needs of animals for their life.

Answer:

ii. Which properties can you tell by touching an object?

Answer:

iii. What is a fruit bearing plant?

Answer:

iv. What a force?

Answer:

v. If you push an object, where does it move?

Answer:

vi. Write two characteristics of living things.

Answer:

vii. Does the Moon have its own light?

Answer:

viii. What are two types of light sources?

Answer:

Term: 2nd

ix. What does a sparrow use for flying?

Answer:

x. Name the nearest star to the Earth.

Answer:

Practical

Performed of the student in activities of units 1.8 and 1.13.

/10

Viva (oral assessment)

Give at least five real life examples from the concepts given below. (Any Five)

/10

- Flowering Plants
- Fruit-Bearing Plants
- Force of Push
- Force of Pull
- Natural Source of Light
- Man-Made Source of Light

3rd Term Assessment	Time: 60 Minutes
	SCIENCE 1

Name: _____ Roll No: _____ Date: _____

Section	Section-I	Section-II	Practical	Viva	Total
Maximum Marks	60	20	10	10	100
Obtained Marks					

Section-I

Question 1

Write 'T' for true and 'F' for false statement.

/10

- u) We get fruits and vegetables from plants.
- v) A domestic horse lives in a kennel.
- w) Trees do not give shade from sunlight.
- x) A shelter keeps animal safe from weather.
- y) Plants keeps the air clean.
- z) Donkey is a wild animal.
- aa) The sound of bird is chirp.
- bb) Ambulance siren is an example of soft sound.
- cc) Loud and unpleasant sound is called noise.
- dd) Whisper is an example of loud sound.

Question 2

Fill in the blanks with suitable word.

/10

- xi. We get cooking oil from _____. (animals, plants)
- xii. Cotton plants give us _____. (cotton, vegetables)
- xiii. Papers, pencils, sports goods, and furniture are made from _____. (wood, plastic)
- xiv. A tiger eats _____. (grass, meat)
- xv. Birds eat seeds and _____. (worms, leaves)
- xvi. Keeping a _____ animal at home is not safe. (wild, domestic)
- xvii. A domestic cow lives in a _____. (stable, shed)
- xviii. Animals live on land, in tress, and _____ water. (under, on)
- xix. We can hear a _____ sound from a great distance. (soft, loud)
- xx. A loud sound has _____ volume. (low, high)

Question 3

Match the column A with column B.

/10

Column A	Column B
<i>Cooking Oil</i>	<i>Soft Sound</i>
<i>Brown Bear</i>	<i>cloths</i>
<i>A Lion's Roar</i>	<i>Plants and Meat</i>
<i>Ticking of Clock</i>	<i>Worms</i>
<i>Cotton</i>	<i>Sunflower and Corn</i>
<i>Sparrow</i>	<i>Loud Sound</i>
<i>Sheep</i>	<i>Wild Animal</i>
<i>Wolf</i>	<i>Nest</i>
<i>Squirrel</i>	<i>Noise</i>
<i>Loud Unpleasant Sound</i>	<i>Domestic Animal</i>

Question 4

Enlist living things that produce sounds.

/5+5=10

1. _____
2. _____
3. _____
4. _____
5. _____

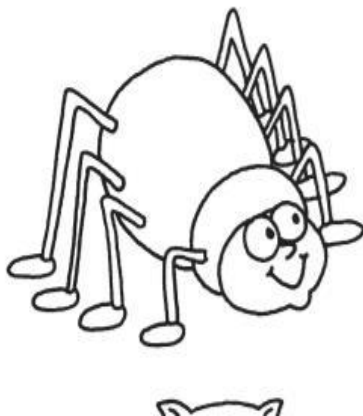
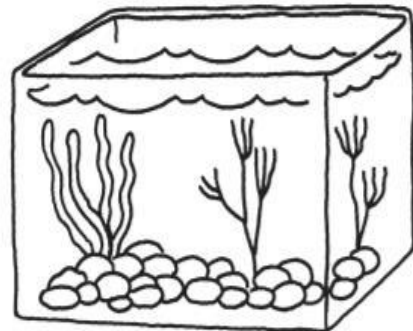
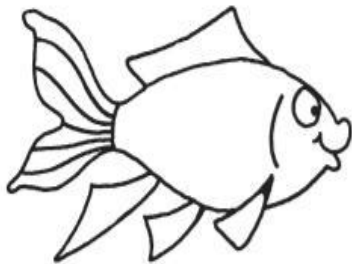
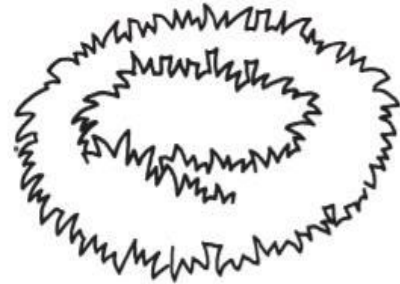
Enlist any five benefits of plants.

6. _____
7. _____
8. _____
9. _____
10. _____

Question 6

Identify the animals and their homes. Draw a line from animal to its home and colour them.





/10



Question 7

Write the food in front of animal below.

/10

 <p>Rabbit</p>	
 <p>Sheep</p>	
 <p>Cow</p>	
 <p>Duck</p>	

Section-II

Question 8

Answer the questions.

/20

i. Write five foods we get from plants.

Answer:

ii. Write two benefits of trees.

Answer:

iii. Which animal provides us with eggs and meat?

Answer:

iv. Where does a lion live?

Answer:

v. Can we see in dark?

Answer:

vi. Why do animals need a shelter?

Answer:

vii. Name any two domestic animals.

Answer:

viii. What is sound?

Answer:

Term: 3rd

ix. What is a force?

Answer:

x. What is noise?

Answer:

Practical

Performance of the student in activities of units 1.7 and 1.9.

/10

Viva (oral assessment)

Give at least five real life examples from the concepts given below.

/10

- Uses of Plants
- Domestic Animals
- Wild Animals
- Loud Sounds
- Noise