



DISTRICT PUBLIC SCHOOL & COLLEGE DEPALPUR

SUBJECT: SCIENCE

SUMMER VACATION HOMEWORK

SESSION 2021-2022

CLASS: TWO



STUDENT'S NAME: _____ FATHER'S NAME: _____

CLASS: _____ SECTION: _____

TOTAL MARKS: _____ OBTAINED MARKS: _____

TEACHER'S NAME & SIGN: _____

SECTION HEAD'S SIGN: _____ PRINCIPAL'S SIGN: _____



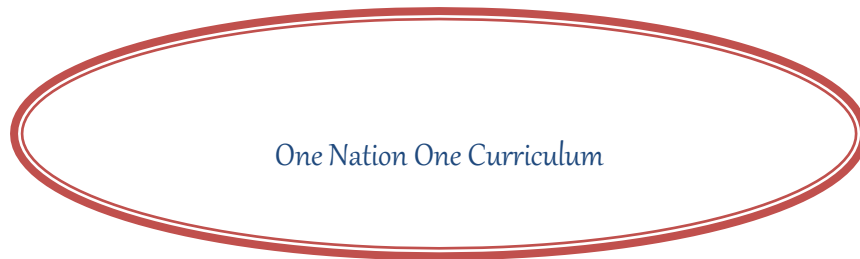
Block Syllabi of 1st Semester 2021-2022**Class: 2****SUBJECT: SCIENCE****CHAPTER 1: THE HUMAN BODY****(Book and Workbook)****CHAPTER 2: THE ANIMAL WOLD****(Book and Workbook)****CHAPTER 3: THE PLANT WORLD****(Book and Workbook)****CHAPTER 4: OUR SENSES****(Book and Workbook)****CHAPTER 5: FOOD AND DIET****(Book and Workbook)**

Single National Curriculum is a Diversion.

Quality and Access to Education is what matters.

Single National Curriculum is must for

Social Cohesion and National Integration.



Non-uniformity in the curriculum has created a gap between the opportunities available for, rich and the poor, leading to disintegration in society. Implementation of a Single National Curriculum at all levels of education ties the society together by eliminating a major disparity which, later on, may prove to be the root cause of other social divides. Single National Curriculum aims to achieve cohesion and integration in society by gathering all and sundry on a single platform to achieve their goals in life. It overlooks the divisions in society which are based on class, color, language, social status, religion and culture, and provides a strong reason to remain united. The effective implementation of the policy of Single National Curriculum is based on inclusion of all forms of knowledge coming from different cultures, introduction of modern methods of learning and focusing on the development of critical thinking among students.

Salient Features of Science according to SNC:

- Realignment in view of latest global trends and practices in Science education.
- Addition of Technology based content as separate chapters.
- Integration of themes such as conservation, bio-ethics, scientific responsibilities and care for the environment and all living beings.

Promotion of inquiry-based learning.

Integration of ICT into the curriculum through web links and project work.

Integration of STEAM as a cross cutting strand.

Date: 1st July, 2021

DAY: Thursday

Unit 1: The Human Body

Topic: Answer the questions.

Book page: 13

Learning Objective: Students will be able to solve answer of logical questions.

Question 1: What protects your heart and lungs?

Answer: Ribs protect our heart and lungs.

Answer:

Question 2: What protects your brain?

Answer: Skull protect our heart and lungs.

Answer:

Date: 2nd July, 2021

DAY: Friday

Unit 1: The Human Body

Topic: Answer the questions.

Book page: 13

Learning Objective: Students will be able to solve answer of logical questions.

Question 3: How can you make your muscles strong?

Answer: By eating healthy food.

Answer:

Question 4: What is a joint?

Answer: The point where two bones meet is called joint.

Answer:

Date: 3rd July,2021

DAY: Saturday

Unit 1: The Human Body

Topic: Answer the questions.

Book page: 13

Learning Objective: Students will be able to solve answer of logical questions.

Question 5: What does a moving joint allow you to do?

Answer: Twist, bend and move different parts of your body.

Answer:

Question 6: What does will keep your bones healthy?

Answer: Milk and dairy products.

Answer:

Date: 5th July, 2021

DAY: Monday

Unit 1: The Human Body

Topic: Answer the questions.

Book page: 13

Learning Objective: Students will be able to solve answer of logical questions.

Question 7: Are both your lungs the same size? Why not?

Answer: No. The left lung is smaller than the right lung as the heart is fit next to it.

Answer:

Question 8: What do your lungs look like on the outside?

Answer: They look pink.

Answer:

Date: 6th July, 2021

DAY: Tuesday

Unit 1: The Human Body

Topic: Answer the questions.

Book page: 13

Learning Objective: Students will be able to solve answer of logical questions.

Question 9: What carries oxygen and other good things around your body?

Answer: The heart carries oxygen and other good things around our body.

Answer:

Question 10: Which side of your brain helps you do your homework?

Answer: The left side helps us to do our homework.

Answer:

Date: 7th July, 2021

DAY: Wednesday

Unit 1: The Human Body

Topic: Constructed Test

Learning Objective: Assessment enhance learning skills and confidence in students.

Question 1: Fill in the blanks:

1. Your _____ pumps blood around your body.
2. Your _____ help you move parts of your body.
3. Your _____ sends messages to the parts of your body.

Question 2: What is the cerebrum? What does it do?

Answer:

Question 2: How does your heart pumps blood?

Answer:

Activity: Put the name of the joints in the correct place.

JOINTS.
PUT THE NAME OF THE JOINTS IN THE CORRECT PLACE.

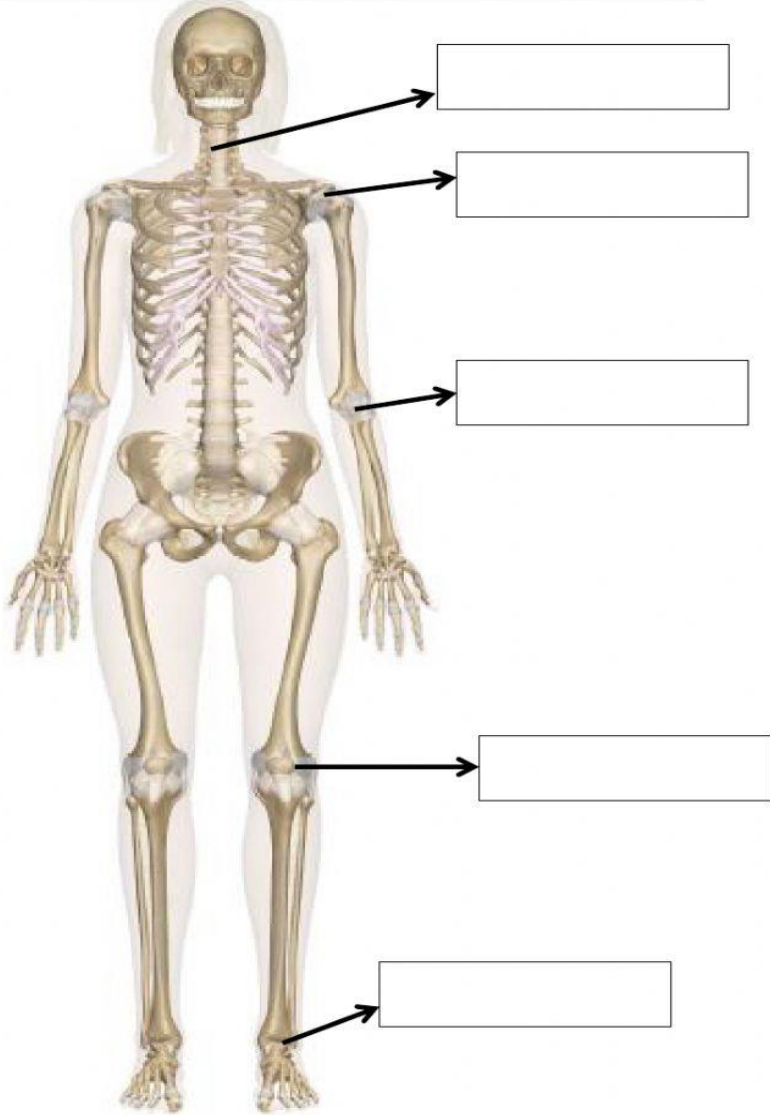
ANKLE

ELBOW

SHOULDER

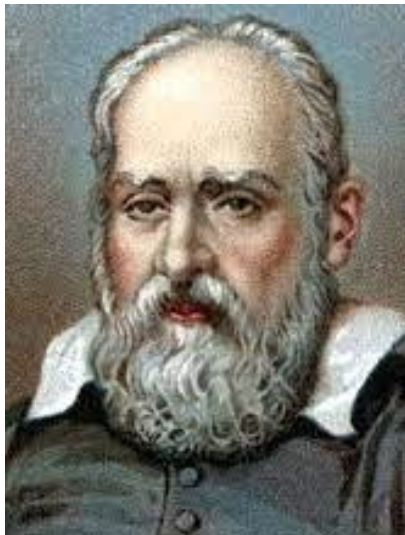
NECK

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Home Assignment: Write five lines about father of Science**(Galileo Galilei 1564- 1642)****Biography Link: <https://youtu.be/h44ZUzX40Ws>**

He was Astronomer Mathematician, Philosopher and Physicist. He was born on 15 February, 1564 in Pisa. Galileo enrolled at the University of Pisa for a medical degree. Financial difficulties cut short Galileo's education at the University. 1589, Galileo was promoted to the chair of Mathematics at the University of Pisa.



Answer: _____

Date: 8th July, 2021

Day: Thursday

Unit 2: The Animal World

Topic: Differences in Animal world

Book page: 16, 17

Diagnostic Assessment: What do you know about different groups of animals.

Learning objective: Student should be able to know about types of skeleton.

Question 1: Name two ways scientists group animals.

Answer: The type of skeleton they have.

How they control their body temperature.

Answer:

Date: 9th July, 2021

Day: Friday

Unit 2: The Animal World

Answer the Questions:

Question 2: What is an exoskeleton?

Answer: The skeleton outside of the body is called exoskeleton.

Answer:

Question 3: Name some animals that have an exoskeleton?

Answer: Spider, Crabs, Snail, Cockroach.

Answer:

Date: 10th July, 2021

Day: Saturday

Unit 2: The Animal World

Topic: Work book page 5.

Learning objective: Student should be able to solve work book page.

Answer: Giraffe, Snail, Penguin, Butterfly.



Use the hints to identify the four animals in the pictures.

I have a skeleton inside my body.
I am tall.
I eat leaves.
I have spots.
My name starts with g.
I am a _____.

I can swim.
I can walk.
I live in water and on land.
My name starts with p.
I am a _____.

I move very slowly.
I have a shell.
When I sense danger, I pull my body inside my shell.
If you are not careful you may tread on me.
My name starts with s.
I am a _____.

I fly.
I have wings but I do not have feathers.
I fly from flower to flower.
I am so quiet you cannot hear me.
My name starts with b.
I am a _____.

Date: 12th July, 2021

Day: Monday

Unit 2: The Animal World

Topic: Work book page 7.

Learning objective: Student should be able to solve work book page.

There are eight animals. Write the name of skeleton by recognize the animals.

Which is exoskeleton animal and which is endoskeleton

Fill in the blanks.

(1: Endoskeleton animals, 2: Exoskeleton animals, 3: Cold blooded , 4: Warm blooded)

1. _____ have a skeleton inside their body.
2. _____ have a skeleton on the outside of their body.
3. _____ animals change their body temperature as the temperature around them changes.
4. The body temperature of _____ animals does not change according to the surroundings temperature.

Date: 13th July, 2021

Day: Tuesday

Unit 2: The Animal World

Topic: Constructed Test

Learning Objective: Assessment enhance learning skills and confidence in students.

Question 1: Fill in the blanks:

1. _____ have a skeleton inside their body.
2. _____ animals change their body temperature as the temperature around them changes.
3. _____ have a skeleton on the outside of their body.

Question 2: What are reptiles?

Answer:

Question 2: What are amphibians?

Answer:

Date: 14th July, 2021

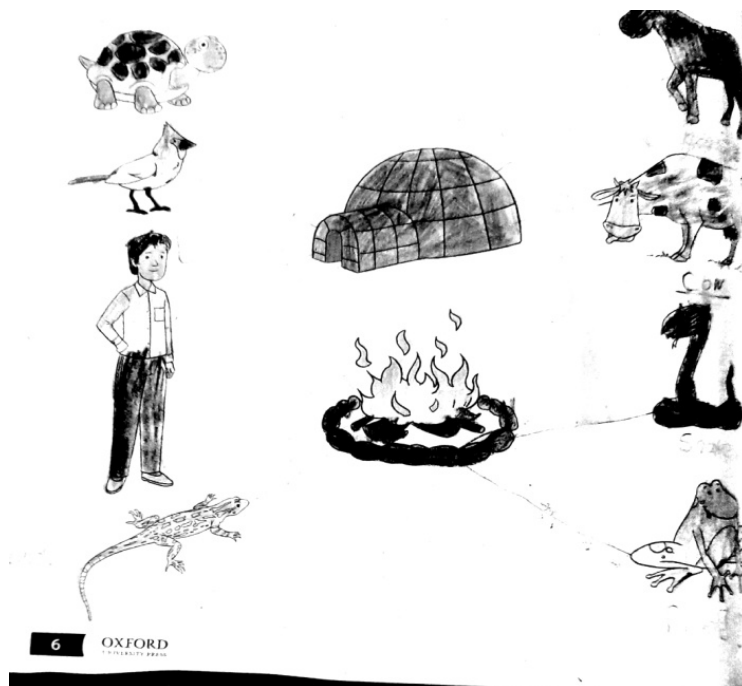
Day: Wednesday

Unit 2: The Animal World

Topic: Work book page 6.

Learning objective: Student should be able to solve work book page.

Use a pencil and draw a line from each warm blooded animal and cold blooded animal.



Date: 15th July, 2021

Day: Thursday

Unit 2: The Animal World

Topic: Work book page 8.

Learning objective: Student should be able to solve work book page.

Types of animals

A. Fill in the blanks.

Amphibians

reptiles

invertebrates

vertebrates

cold-blooded

warm-blooded

1. Amphibians live on land and also in water.
2. Animals whose skin is covered with scales are called reptiles.
3. Humans are warm-blooded animals.
4. The words in the list that best describe frogs are Amphibians, vertebrates, and warm-blooded.
5. The words in the list that best describe snakes are reptiles, vertebrates, and cold-blooded.

Date: 16th July, 2021

Day: Friday

Unit 3: The Plant World

Topic: Constructed Test

Learning Objective: Assessment enhance learning skills and confidence in students.

Question 1: Fill in the blanks:

1. A seed starts to grow roots and _____.
2. Seeds are scattered by _____ or some other means.
3. Plants without flowers produce _____ rather than seeds.

Question 2: What does a fruit contain?

Answer:

Question 3: What do plants need to live?

Answer:

Date: 17th July, 2021

Day: Saturday

Unit 3: The Plant World

Topic: Revision of unit 3

Book page: 25

Learning Objective: Students should be able to give answer of logical questions.

Question 1: What are four main stages of a plants life cycle?

Answer: 1: Seed 2: Seed with roots and shoots 3: Plant with leaves 4:
Plant with flowers

Answer:

Question 2: What nutrients does a seed need to grow?

Answer: Minerals and vitamins.

Answer:

Date: 19th July, 2021

Day: Monday

Question 3: What does Super Scientist like the tree?

Answer: The leaves shade him from the Sun.

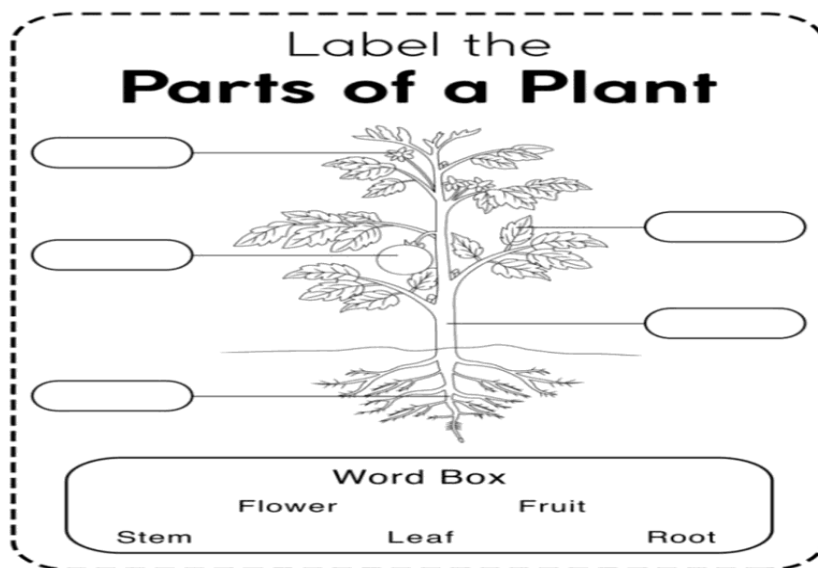
Answer:

Question 4: What does a fruit contain?

Answer: Fruit contains flesh and seeds.

Answer:

Activity: Label the parts of plants.



Date: 20th July, 2021

Day: Tuesday

Unit 3: The Plant World

Topic: (Work book) Fill in the blanks.

Learning Objective: Students should be able to solve fill in the blanks.

1. Answer will vary, 2. Soil, 3. Water, nutrients, and sunlight, 4. Flowers and seeds .

1. The name of my plant is _____.
2. It grows in _____.
3. It needs _____ , _____ , and _____ to grow.
4. It produces _____ from which new plants will grow.
5. I like it because _____.

Date: 24th July, 2021

Day: Saturday

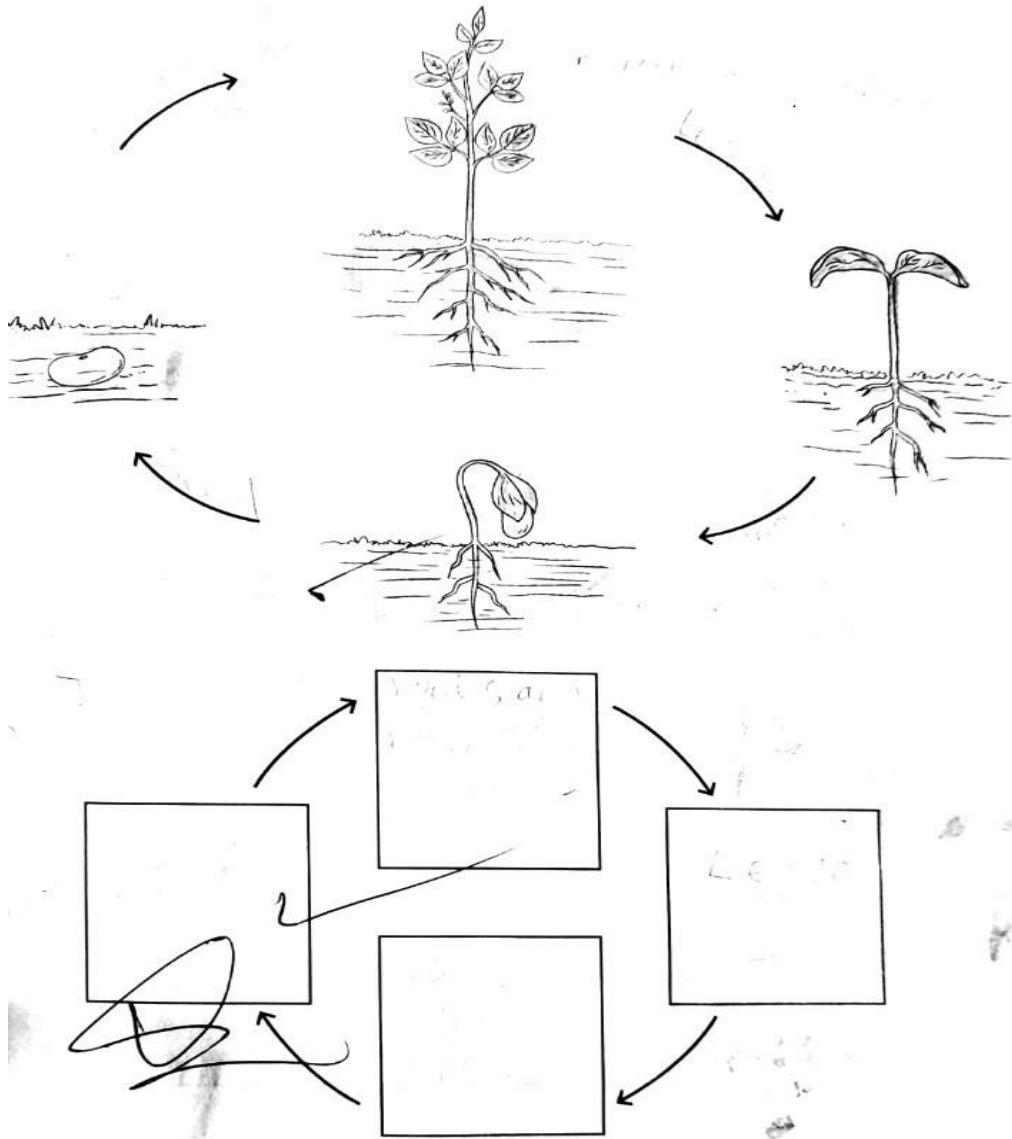
Unit 3: The Plant World

Topic: (Workbook)


Book page: 11

Learning Objective: Students should be able to solve work book page.

Answer: 1. Seed 2. Roots and shoots 3. Leaves 4. Fully grown plant



2. Match the following statements with the correct part of the plant.



Seed of the plant is formed.

Plant gets water.

Part of the plant that takes water from roots to the branches and leaves.

Food of the plant is produced.

3. Write down names of three plants which grow from seeds.

(i) _____ (ii) _____ (iii) _____

Date: 26th July, 2021

DAY: Monday

Unit 4: Our Senses

Topic: Answer the questions.

Book page: 27

Learning Objective: Students will be able to solve answer of logical questions.

Question 1: Give two examples of how your sense protect you.

Answer: Sense of sight enables you to see. Sense of hearing protects you to hear things that are coming towards you.

Question 2: Write down five things that you like to see.

Answer: Parks, flowers, toys, trees and birds.

Answer:

Date: 27th July, 2021

DAY: Tuesday

Unit 4: Our Senses

Topic: Answer the questions.

Book page: 27

Learning Objective: Students will be able to solve answer of logical questions.

Question 3: Write down five things that you like to hear?

Answer: radio, naat, birds, music, guitar.

Answer:

Question 4: Write down five things that you like to smell?

Answer: Rose, jasmine, cake, perfume, and vanilla.

Answer:

Date: 28th July, 2021

DAY: Wednesday

Unit 4: Our Senses

Topic: Answer the questions.

Book page: 27

Learning Objective: Students will be able to solve answer of logical questions.

Question 5: Write down five things that you like to taste?

Answer:

Answer:

Question 6: Write down five things that you like to touch?

Answer:

Answer:

Date: 29th July, 2021

Day: Thursday

Unit 4: Our Senses

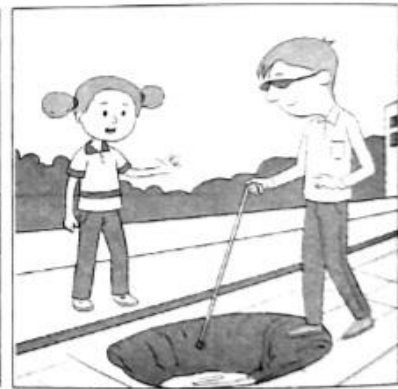
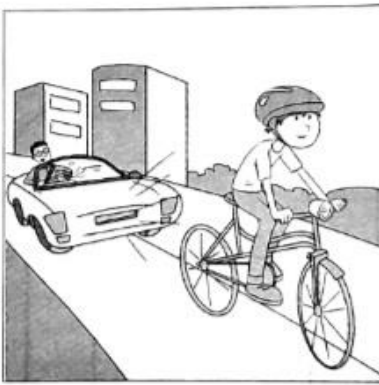
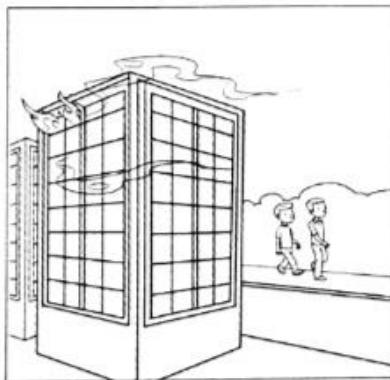
Topic: Work book

Work book page: 12

1. Touch, sight and smell, 2. Sight 3. Smell and sight, 4. Smell, 5. Hearing, 6. Hearing.

Which sense will save you in each situation? Write the correct sense under each picture. There can be more than one answer for some.

- touch
- taste
- hearing
- sight
- smell



Date: 30th July, 2021

DAY: Friday

Unit 4: Our Senses

Topic: Activity and home assignment

Learning Objective: Activity base learning develops the interest in students.

- Sense of sound
- Test how good your friend's sense of sound is.
- Put some small objects into a plastic box and close the lid.
- Ask your friend to put their ear next to the box while you rattle it. Can they guess what objects are in the box just by listening?
- Try using these one by one: sand, coins, small pieces of cloth, daal, pebbles, and pencils.

Home assignment:

Draw here the diagram of your five sense organs.

Ear Nose Tongue Hand Eye