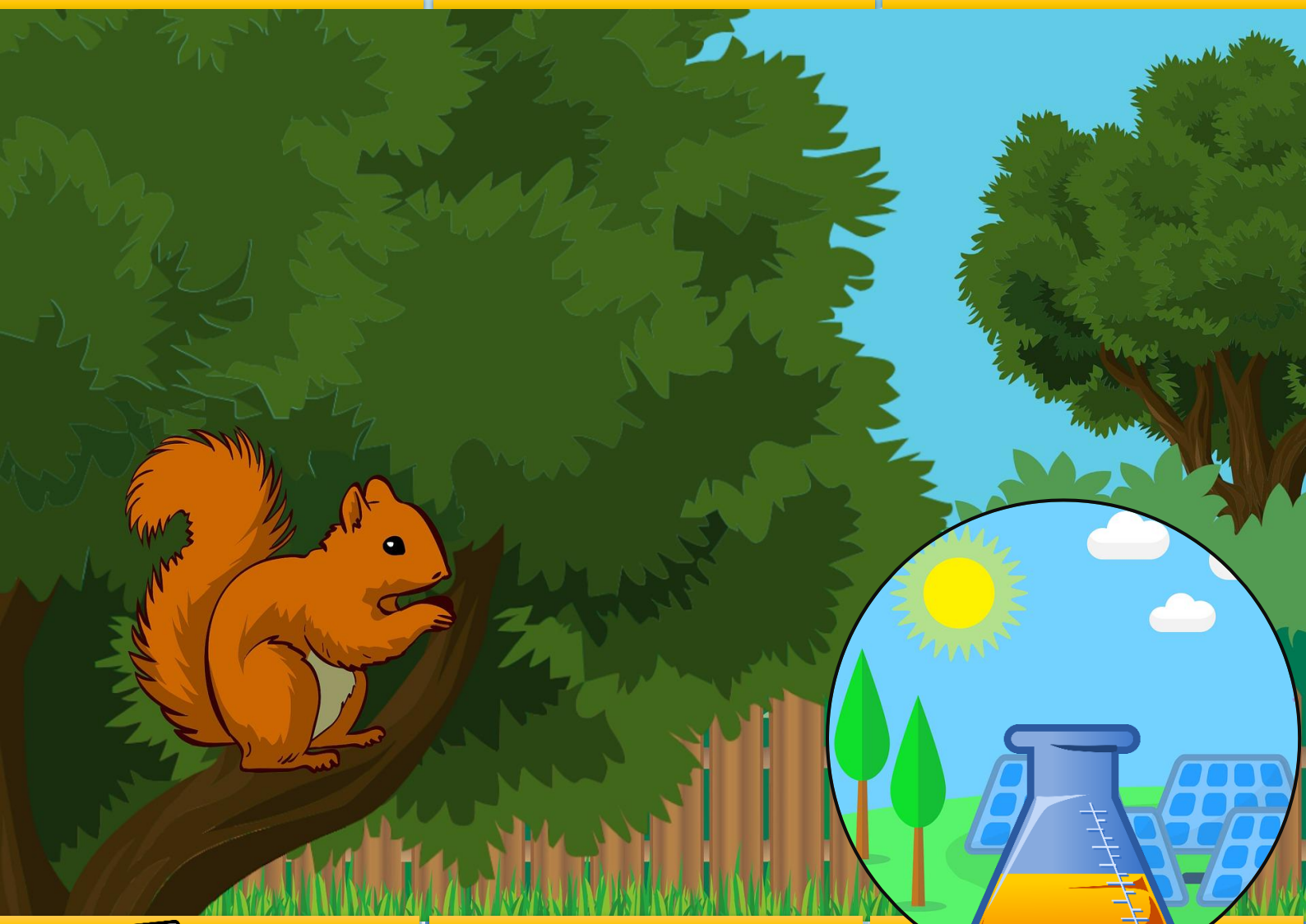


DEPARTMENT OF SCHOOL EDUCATION

SRIKAKULAM

LETS US DO
FUN WITH SCIENCE

Class 6th - 7th



TEAM BIOLOGY

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About this Material

“You were born with wings.
Don’t crawl, learn to use
fly and fly.”

...Dr.A.P.J.Abdul Kalam.

This material ‘Fun with Biology’ for classes 8th to 10th is the outcome of the efforts of the Department of School Education, Srikakulam, H.Ms and DOT (Daily Online Test) Biology Team. Our biology team met a few times to interact with our honourable DEO, APC, DyEOs and H.Ms to improve the draft. We also interacted with some faculty of AP SCERT, Amaravati, to review the draft and suggest the improvements.

The objective of this material is to get achievement-based outcome. Three activities of two work sheets for each lesson have been suggested to improve the skills. The activities will help children to develop skills such as reading, writing along with psychomotor skills.

The ‘key words’ of this material are taken from each lesson from 6th and 7th classes to introduce and enhance students’ readiness for learning science. ‘Fun activities’ of this material create interest and improve writing skills; ‘Draw and colour’ activities create enthusiasm and develop psychomotor skills.

This material is designed to connect science with other subjects that the students’ study in home as well as at school and inculcate creative and logical thinking. We have to sought to weave into the activities the value of cooperation, the importance of peer learning and also improve their self-learning.

We entertain the feedback for further refinement of this material. Please encourage our efforts.

Thanking you,

Yours sincerely,
DOT Biology Team,
Srikakulam.

INDEX

6th class	Pages
Chapter – 1 Components of Food	1 - 2
Chapter – 2 Sorting Materials into Groups	3 – 4
Chapter – 3 Separation of Substances	5 - 7
Chapter – 4 Getting to Know Plants	8 - 9
Chapter – 5 Body Movements	10 - 12
Chapter – 6 The Living Organisms – Characteristics and Habitats	13 - 14
Chapter – 7 Motion and Measurement of Distances	15 - 16
Chapter – 8 Light, Shadow and Reflections	17 - 19
Chapter – 9 Electricity and Circuits	20 - 21
Chapter – 10 Fun with Magnets	22 - 23
Chapter – 11 Air Around us	24 - 25
7th class	
Chapter – 1 Nutrition in Plants	26 - 27
Chapter – 2 Nutrition in Animals	28 - 29
Chapter – 3 Heat	30 - 31
Chapter – 4 Acids, Bases and Salts	32 - 33
Chapter – 5 Physical and Chemical Changes	34 - 35
Chapter – 6 Respiration in Organisms	36 - 37
Chapter – 7 Transportation in Animals and Plants	38 - 39
Chapter – 8 Reproduction in Plants	40- 41
Chapter – 9 Motion and Time	42 - 43
Chapter – 10 Electric Current and Its Effects	44 - 45
Chapter – 11 Light	46
Chapter – 12 Forests: Our Lifeline	47 - 48
Chapter – 13 Waste water Story	49 - 50



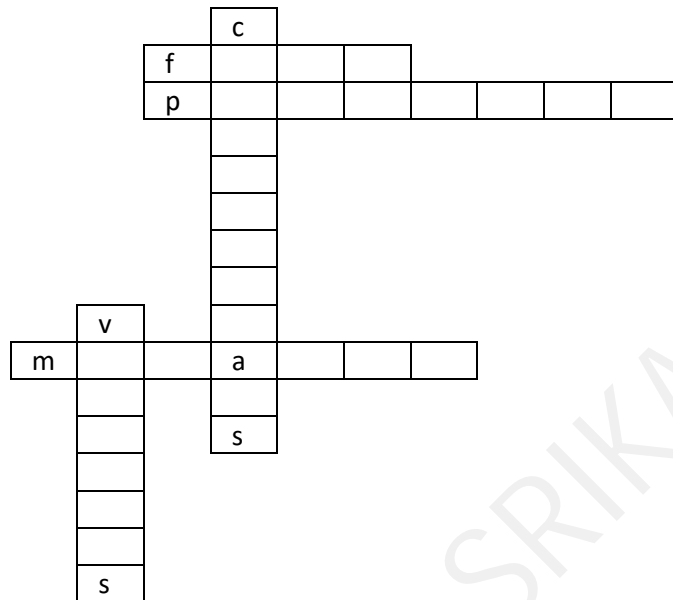
LET'S US DO
FUN WITH
SCIENCE

Class : 6

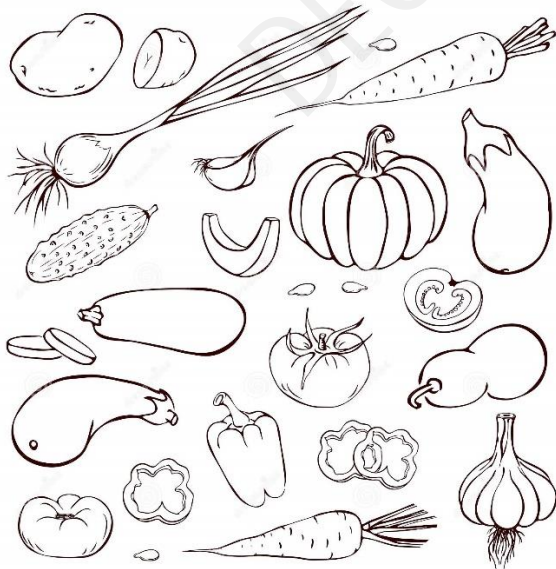
Chapter : components of food

Key words : nutrients ,carbohydrates , proteins ,fats vitamins minerals .

fun activity : fill the puzzle with the help of key words



Draw the pictures and color them :

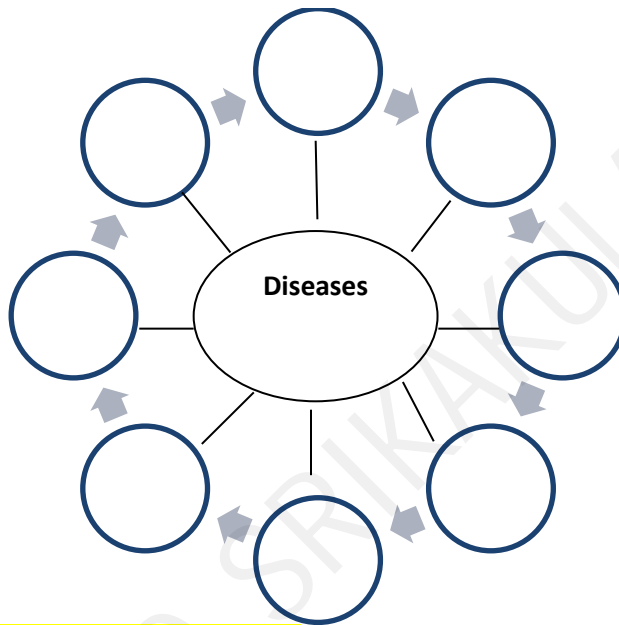


Class : 6

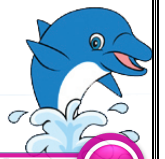
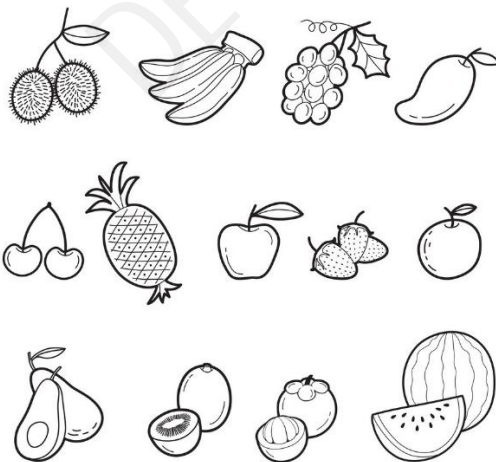
Chapter : components of food

Key words : Deficiency Diseases, Loss of vision, Beri Beri, Scurvy, Rickets, Bone and tooth decay, goiter, anemia.

Fill the Key words the circle



Draw the pictures and color them :



Class: 6

Chapter-2 : Sorting materials into groups

1 Key words : Wood, Paper, Leather, Plastics, Cotton, Chairs, Tables, Clothes, Bags, Belts, Books, Water Bottles.

II. Fun activity :

Fill the blanks with suitable key words

Wood: _____

_____ : Books

Leather : _____

_____ : clothes

Observe the diagram and separate them living and non living things:

Living 	Non Living 



Class : 6

Chapter-2 : Sorting materials into groups

1 Key words : Soluble, Insoluble, Transparency, Luster, Metals, opaque, Rough.

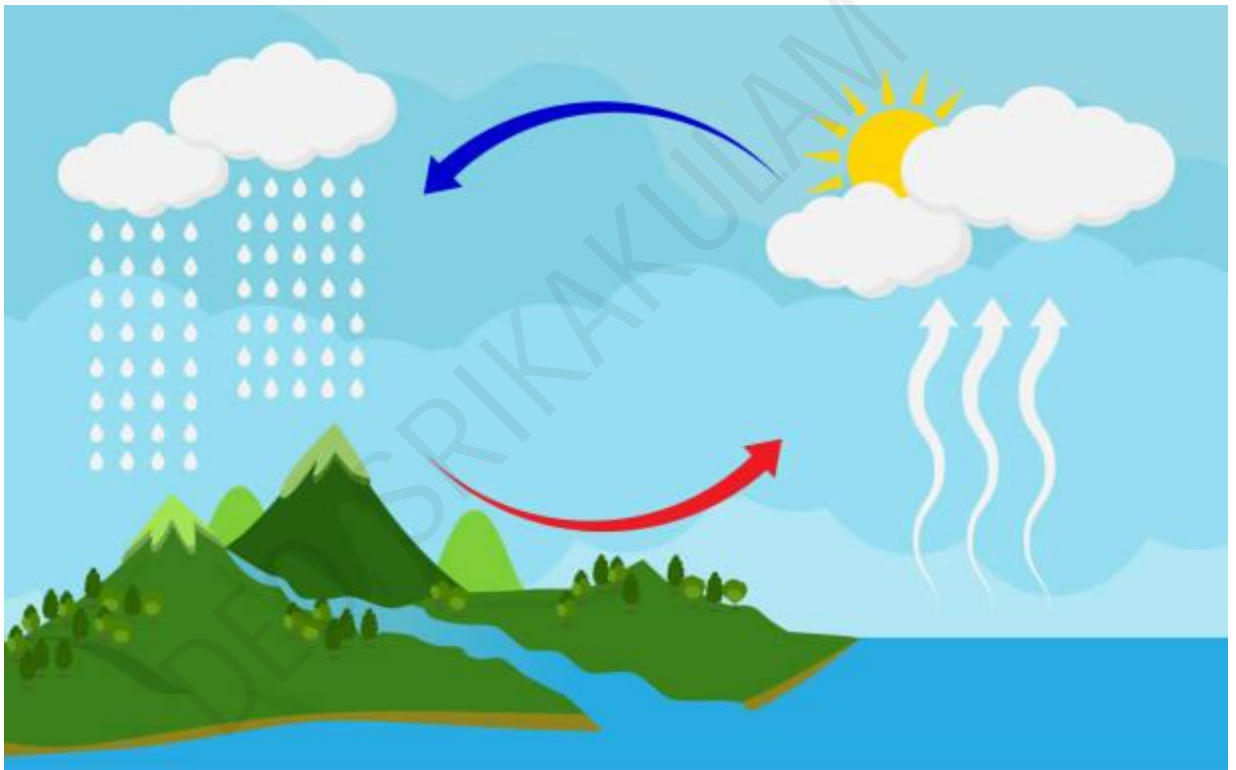
Fun Activity : observe the table and find the key words and write the words in your note books

		A	C	B	A	G	L	M				
T	R	A	N	S	P	A	R	E	N	C	Y	
S	O	L	U	B	L	E		T		R		
	P	C			R			A	L	O	N	E
B	A	T				O		L		S		
T	Q		A				U	S	T	E	R	E
	U			B				G				
	E				L	O	U	G	H			

Observe the pictures and identify them which material.



3. Draw the water cycle and identify where the evaporation process happen?








Chapter: Separation of Substances

1. let us read key words

1. Substance
2. Separation
3. Process
4. Component
5. Churning
6. Hand picking
7. Threshing
8. Winnowing
9. Sieving
10. Filtration
11. Decantation
12. Filtration

2. let us fun with keywords

Match the following pictures with the help of textbook.

- | | | |
|---|-----|--|
| 1. Sieving -seperation of flour | () | 1.  |
| 2. Hand picking –seperation by hand | () | 2.  |
| 3. Filtration-seperation with filter | () | 3.  |
| 4. Churning-seperation of butter from curd | () | 4.  |
| 5. Winnowing-seperation of grains from husk | () | 5.  |

. draw some vegetables of different sizes



class : 6TH

chapter : GETTING TO KNOW PLANTS

Let us read key words

1. Herbs
2. Taproot
3. Sepal
4. Reticulate Venation
5. Photosynthesis
6. Transportation
7. Pistil
8. Stomata
9. Creepers
10. Stamen

Lus fun with key words

T _ A _ S P _ _ A _ _ O _

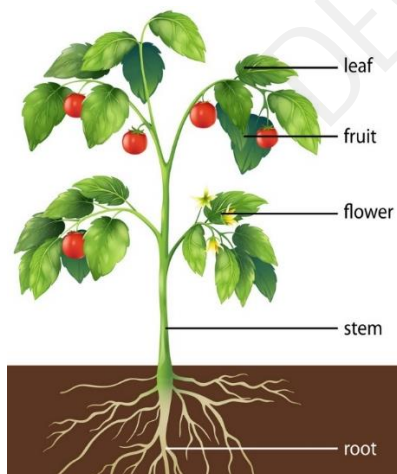
V _ N A T _ _ _

S _ O M _ _ A

_ R E _ P _ _ S

T _ _ R _ O _

Draw the diagram



class : 6TH

chapter : GETTING TO KNOW PLANTS

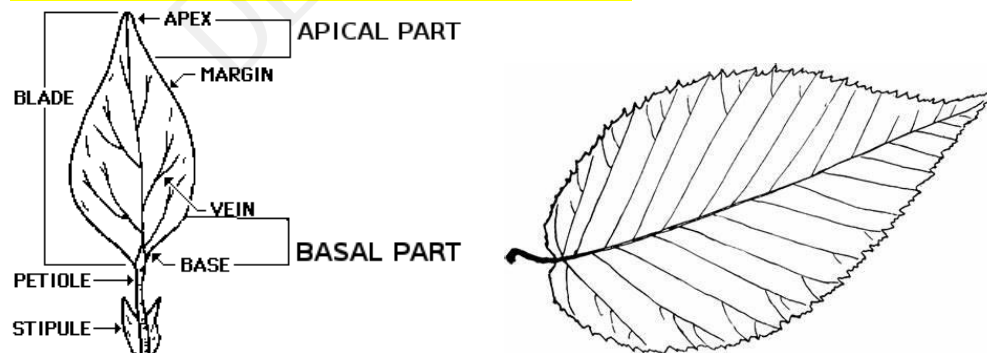
1. Let us read about key words

- | | |
|--------------------|------------|
| 1. Iodine solution | 6. Ovary |
| 2. Cotyledon | 7. Lamina |
| 3. Lateral roots | 8. Fruit |
| 4. Seed coat | 9. Petiole |
| 5. Anther | 10. Weeds |

2. Rearrange the jumbled key words

1. Onlutisoliedion
2. Lrtlaeaotrol
3. Yorva
4. Esdetoca
5. Htrena

Observe the leaf parts and lable the leaf



class : 6TH

chapter : Body movements

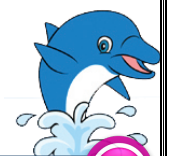
1. Let us read key words

- | | |
|--------------------------|----------------|
| 1. Ankle | 6. Carples |
| 2. Ball and socket joint | 7. Fused joint |
| 3. Hinge joint | 8. Bone |
| 4. Pivotal joint | 9. Rib cage |
| 5. Skeleton | 10. Femur |

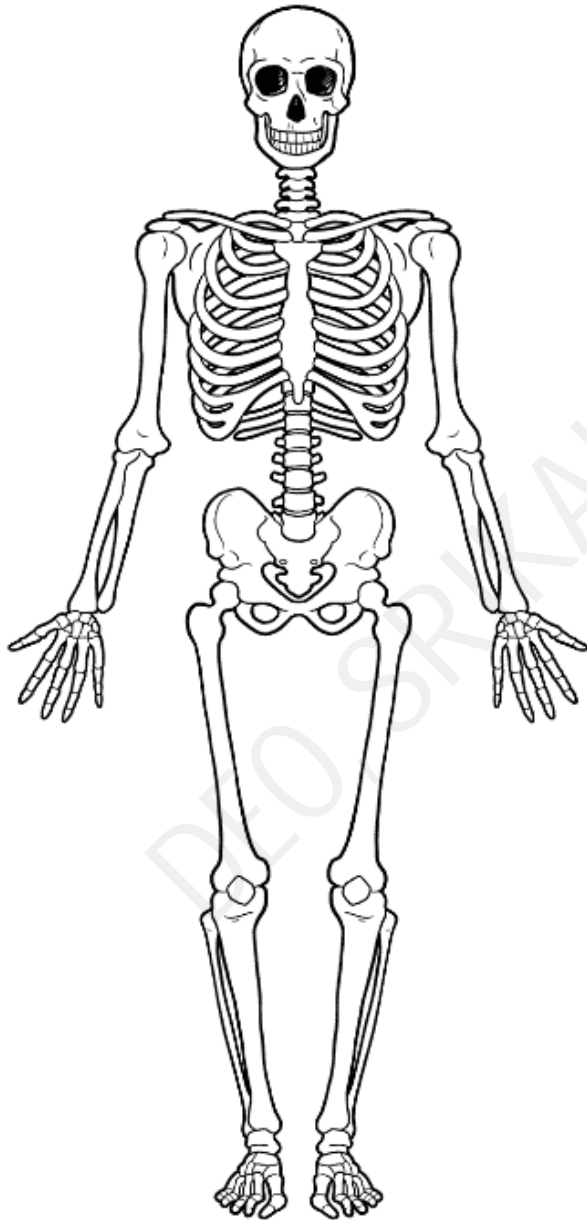
2. Let us fun with key words

Find the key words from the grid and write

J	O	I	N	T	A	O	X	Q	K
L	R	N	O	F	E	M	U	R	S
E	C	P	B	Y	B	H	O	I	A
C	U	R	I	B	C	A	G	E	C
A	G	N	A	E	Y	O	J	X	E
R	D	Z	U	N	A	P	B	A	F
P	X	M	R	N	K	P	C	Z	D
L	A	B	Y	D	V	L	O	K	G
E	M	R	F	B	O	N	E	A	I
S	D	X	U	A	Z	G	I	H	B



3. Draw the skeleton of the human



class : 6TH

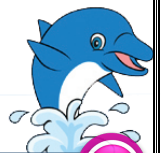
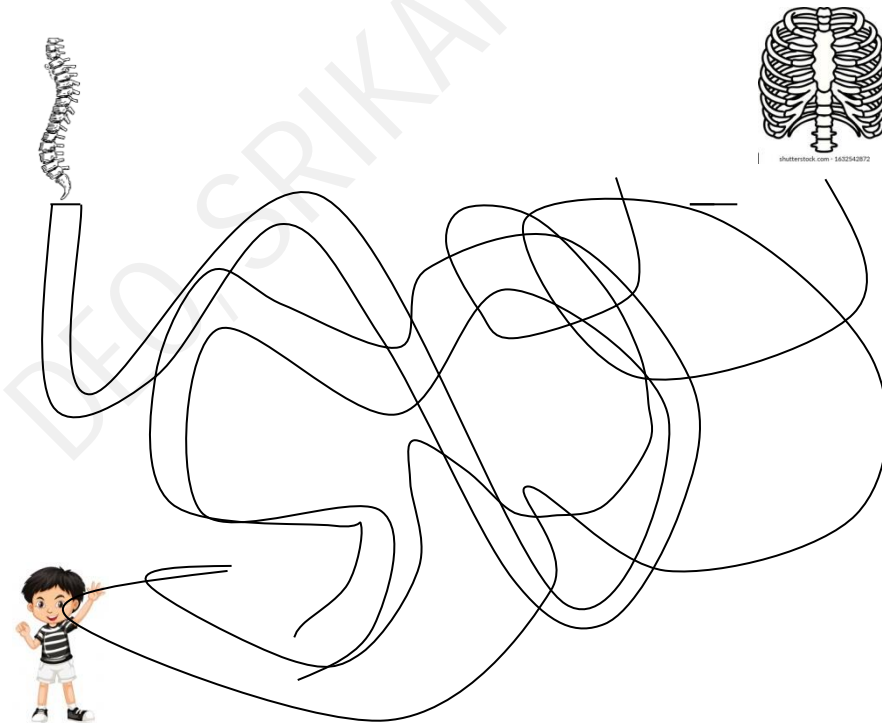
chapter : Body movements

1. Let us read key words

- | | |
|-----------------|----------------|
| 1. Back bone | 6. Contraction |
| 2. Pelvic bones | 7. Tendon |
| 3. Skull | 8. Ligament |
| 4. Cartilage | 9. Muscle |
| 5. Streamlined | 10. Stapes |

3. Write the key words with alphabetical order.

4. Find the way to back bone



Class :6th

Chapter : The living, organisms, characteristics and habitats

Key words :Adaptation, aquatic, habitat, biotic, component,excretion,growth,living,reproduction, respiration.

Fun activity :

Fill the circles with suitable key words

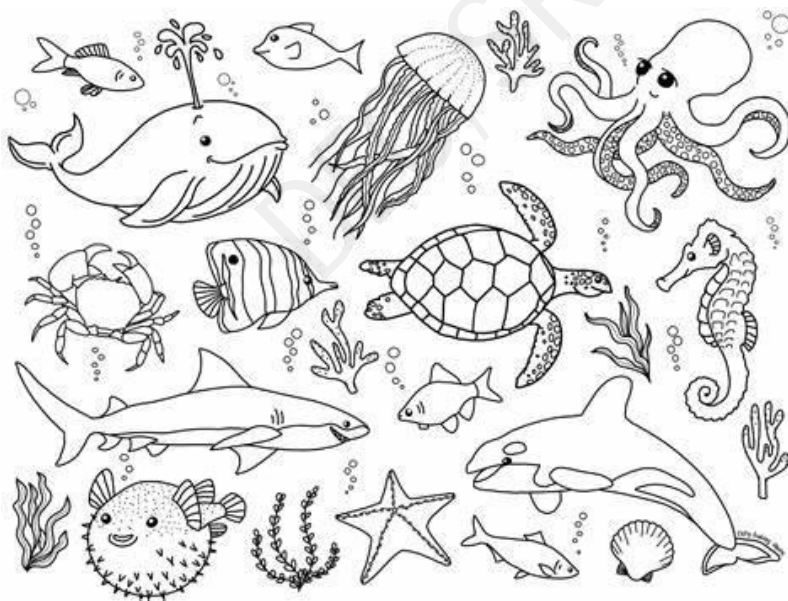
A _____
A _____
H _____
Res _____

Bi _____
Co _____
Ex _____

Re _____

Gr _____

Draw any five aquatic animals.



Class :6th

Chapter : The living organisms - characteristics and habitats

Keyword:stimulless,organisms,characteristics, blowholes,predators,prey, terrestrial,deserts,germinate.

Fun activity :

find the key words given in the table and write in your note book

S	T	I	M	U	L	A	S	P
D	B	L	O	W	H	O	L	E
G	E	R	M	I	N	A	T	E
O	L	S	V	A	P	R	E	Y
K	P	R	E	D	A	T	O	R
T	C	Q	I	R	H	P	U	B
Z	G	U	H	M	T	S	Y	S
O	R	G	A	N	I	S	M	S

Draw and colour the picture the picture



CLASS 6

Chapter: 7. MOTION AND MEASUREMENT OF DISTANCES

Let us read the key words

DISTANCE, MEANS OF TRANSPORT, BULLOCK CART, RICKSHAW, BOAT, STEAM ENGINE TRAIN , BUS, MONORAIL,SUPERSONIC AEROPLANE

Fun Activity:

FILL IN THE GAPS GIVEN BELOW THE PICTURES WITH THE RIGHT KEY WORDS

NADU



B _____ R _____

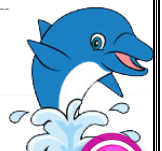
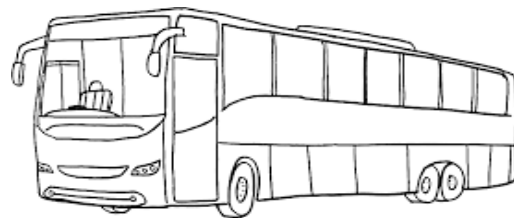
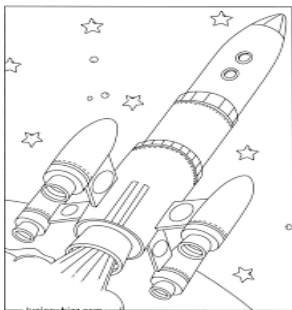
S _____

B _____

NEDU



DRAW AND COLOUR THE PICTURES



SUMMER ACTIVITIES & READINESS FOR LEARNING SCIENCE

CLASS 6

Chapter: MOTION

Let us read the key words

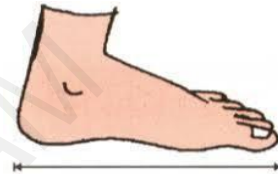
DISTANCE , MEASUREMENT , UNITS OF MEASUREMENTS , FOOTSPAN , HAND SPAN, S.I.UNITS
METRE SCALE, CIRCULAR MOTION, PERIODIC MOTION, RECTILINEAR MOTION

Fun Activity:

OBSERVE THE PICTURES AND SELECT THE ONE WHICH GIVES STANDARD MEASUREMENT
AND WRITE THE KEY WORDS BELOW THE PICTURES







MATCH THE "A" PICTURES WITH "B"

A

B



circular motion

Prepare a tape with paper



rectilinear motion



Chapter: 8. LIGHT SHADOWS AND REFLECTIONS

Let us read the key words

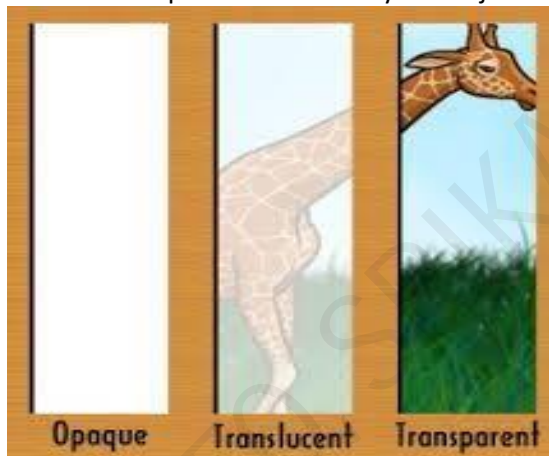
LIGHT, ECLIPSE, SCREEN, STRAIGHT LINE, DARK, IMAGE
LUNINOUS, OPAQUE, PINHOLE CAMERA, TRANSPARENT

Fun Activity:

RE ARRANGE THE KEY WORDS

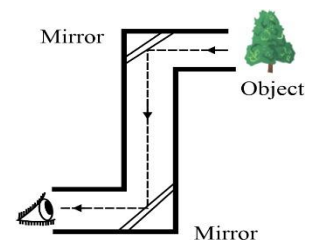
- 1 A K R D = _____
- 2 T G L H I = _____
- 3 E A I G M = _____
- 4 S E P L I C = _____
- 5 U N I M S O U L = _____

Observe the picture and classify the objects into 3 categories



1. Water
2. Glass
3. Pencil
4. Oil paper
5. Eraser
6. Pencil
7. Air
8. Thick Glass
9. Thin cloth

- | | | |
|---|---|---|
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 3 |



Find the key words of the following images

- A) _____
DRAW AND PREPARE A MODEL



Chapter: 8. LIGHT SHADOWS AND REFLECTIONS

Let us read the key words

LUNINOUS, MIRROR, OPAQUE, PINHOLE CAMERA, REFLECTION, TRANSLUCENT, TRANSPARENT, SHADOW, TRACING PAPER, SCREEN

Fun Activity:

IDENTIFY THE KEY WORDS AND RE WRITE BELOW

T	R	A	N	S	P	A	R	E	N	T
R	O	E	Q	I	U	Y	S	A	I	L
A	R	B	F	S	M	S	P	D	M	K
N	R	Z	L	L	H	A	R	I	A	T
S	I	B	O	U	E	S	B	I	X	U
L	M	D	K	M	I	C	I	T	Y	S
U	A	R	E	I	M	R	T	S	B	M
C	X	Z	S	N	A	E	S	I	R	W
E	Y	X	H	O	X	E	D	O	O	R
N	B	U	S	U	Y	N	R	D	P	N
T	Z	S	A	S	B	D	A	N	A	P
B	B	P	I	W	R	H	L	T	Q	I
O	D	D	Q	E	S	I	L	L	U	N
S	R	M	J	P	Y	M	I	K	E	S

- 1 _____
- 2 _____
- 3 _____
- 4 _____

- 5 _____
- 6 _____
- 7 _____
- 8 _____



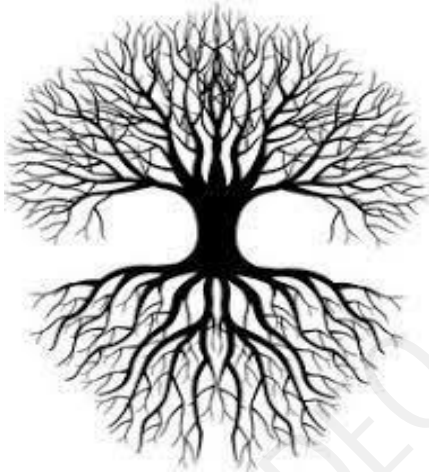
**WRITE THE NAME OF THE ANIMAL
IN THE PICTURE ?**



Try to draw some pictures showing the shadows



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Class - 6

Chapter : ELECTRICITY AND CIRCUITS - 1

Key Words:

BULB, CONDUCTORS, ELECTRIC CELL, ELECTRIC CIRCUIT, FILAMENT, INSULATORS, SWITCH, TERMINAL, BATTERY

Fun Activity

Fill in the blanks In the circles with suitable key words.

T-----

B-----
B
E-----

L
I-----

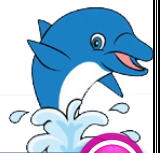
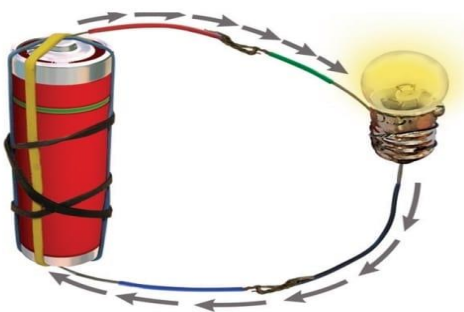
F-----

E-----

-----T
C-----

B-----
-----Y

Draw the electric circuit make an electric circuit.



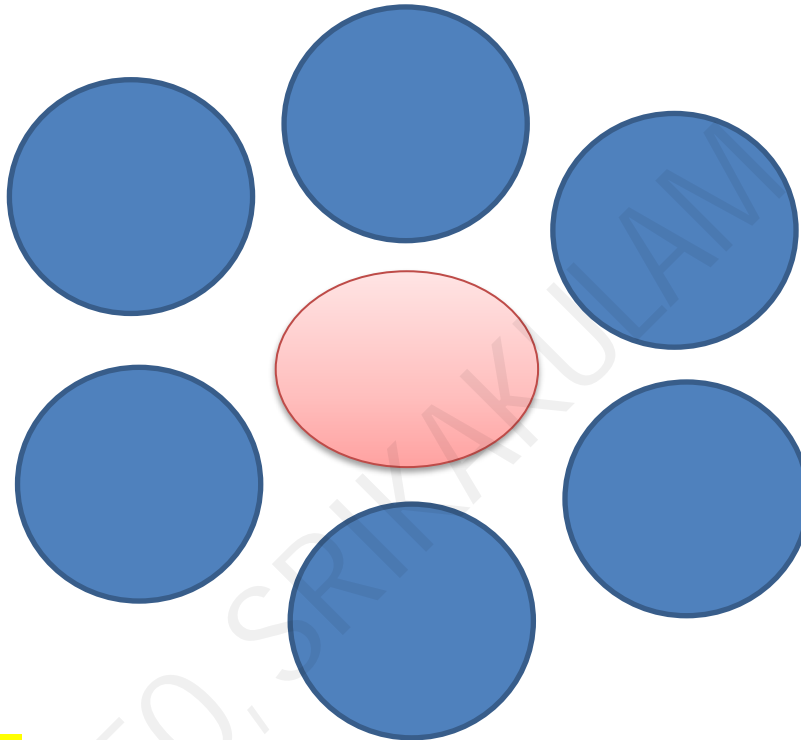
Class - 6

Chapter: ELECTRICITY AND CIRCUITS - 2

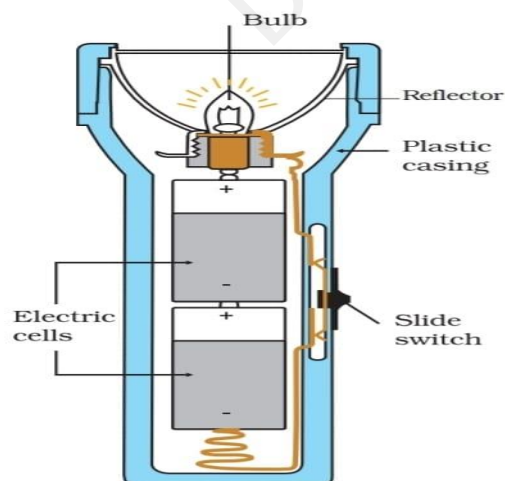
Key words:

TRANSISTORS, CURRENT, FUSE, REFLECTOR, TORCH, ALUMINIUM FOIL.

Fun Activity: fill the balls with key words



Draw the diagram



Class - 6

Chapter : FUN WITH MAGNETS - 1

Key words:

STICKERS, SHEPHERD, HAMMERED, COMPACT DISKS, CASSETTES.

Fun activity: fill the puzzle with the help of key words

Re arrange the Letters using key words

1) SIERTCSK

--	--	--	--	--	--	--	--

2) ASTETCE

--	--	--	--	--	--	--	--

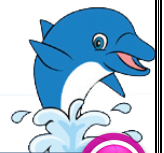
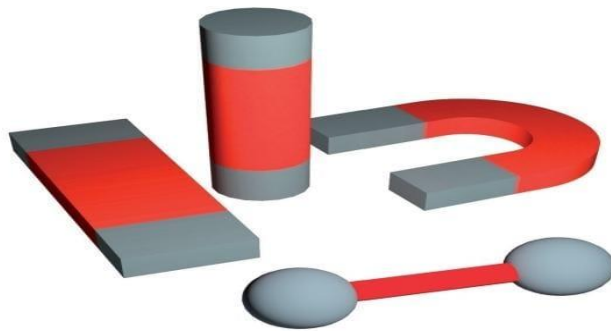
3) DMERMHAE

--	--	--	--	--	--	--	--

4) RSHEDPEH

--	--	--	--	--	--	--	--

Draw and the magnets of different shapes



Class - 6

Chapter : FUN WITH MAGNETS - 2

Key words:

COMPASS, MAGNET, MAGNETITE, NORTH POLE, SOUTH POLE, YARD,

Fun activity : Fill the flow chart with suitable key words.

C-----S

N-----E

M-----T

S-----E

Y-----D

❖ **Activity 2:** List out the Magnetic and non-magnetic materials.

M-----E

Magnetic materials	Non - Magnetic materials
1. Iron	2. Wood



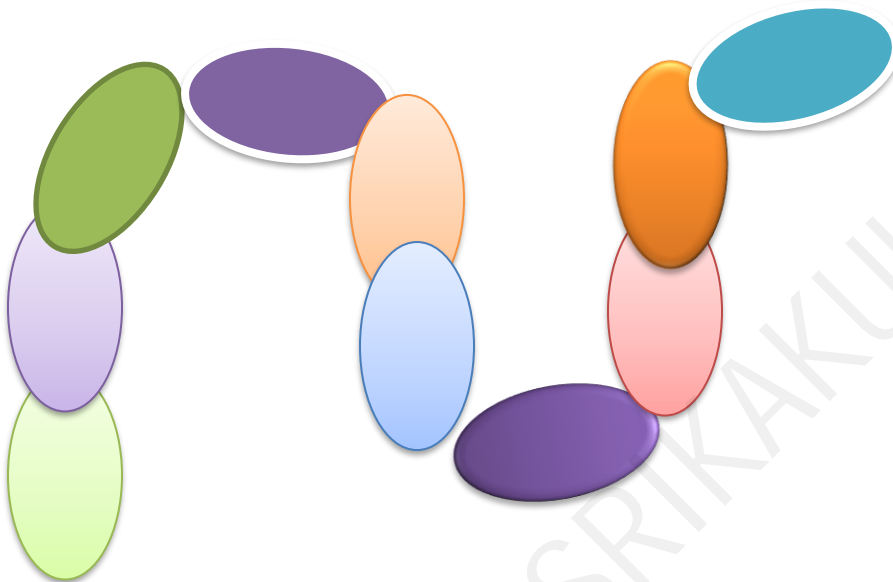
Class - 6

Chapter : AIR AROUND US – 1

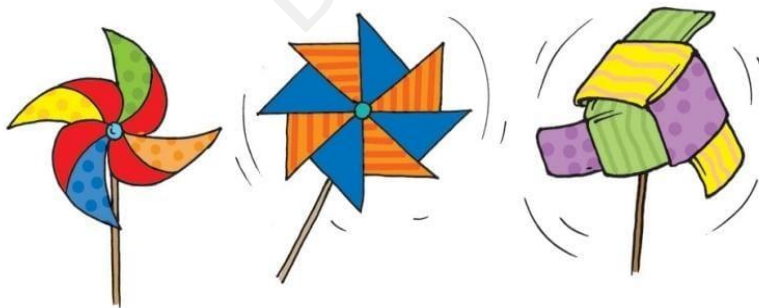
Key Words:

Atmosphere, carbon dioxide, Composition of air, Oxygen, Nitrogen, Smoke, Windmill, Weather, Space, Glass tumbler, Smoke,

Fun Activity : fill the balls with key words



Make a FIRKI of your own

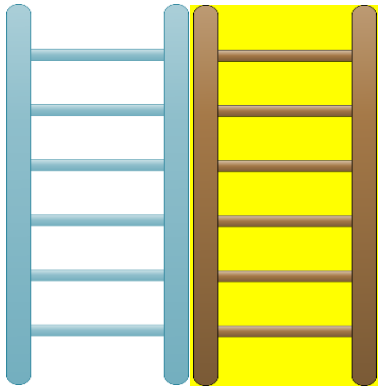


Class - 6

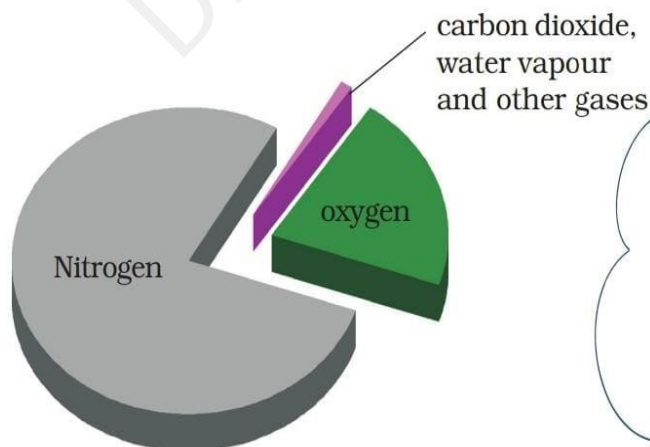
Chapter : AIR AROUND US - 2

Key words: Beam, Inhale, Mucus, Tripod stand, Beaker, Burrow, Respiration, Refilling, Photosynthesis.

Fun activity: Fill the ladder with key words



Draw and color the diagrams





LET'S US DO
FUN WITH
SCIENCE

chapter: Nutrition in plants

I. **Let us read Key Words...**

Autotrophs
heterotrophs

chlorophyll
stomata

Nutrition

parasite

Absorbtion

transportation

Cell membrane

cytoplasm

Fun Activity

II. Make correct words with jumbled letters...

1. trnuiotni

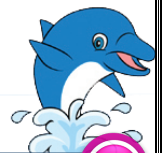
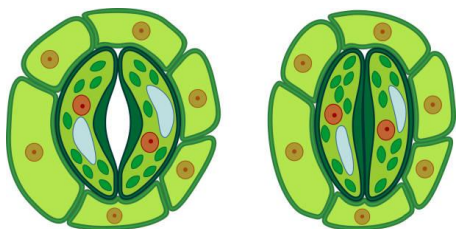
2. rothepsohert

3. tosmtaa

III. Make various shapes with leaves .



Draw the diagram



Chapter: Nutrition in animals

I. Read and write the keywords..

Absorption	amino acid
Oesophagus	bile
Food vacuole	cellulose
Assimilation	liver
Buccal cavity	villi
Digestion	milk teeth

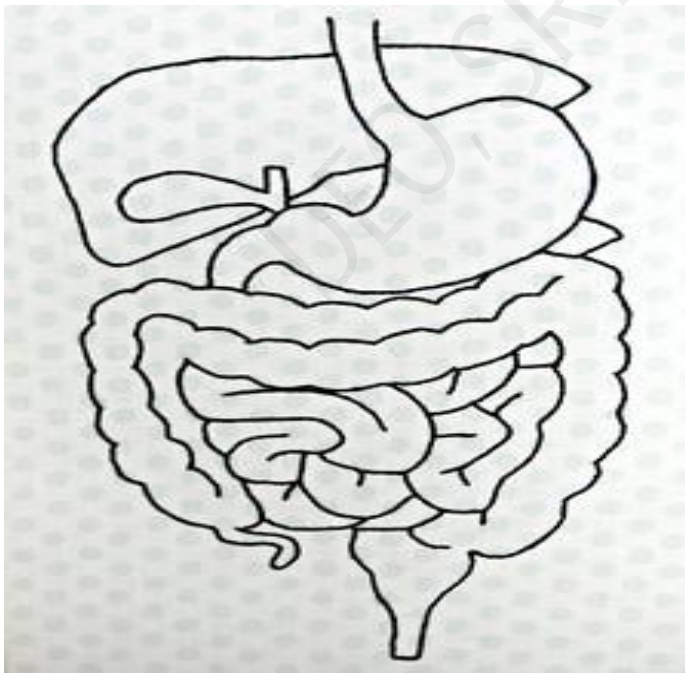
Fun Activity

II. Arrange letters in an order to make key words.

1. miaslatision
2. sorabontip
3. gediontis
4. vacdoofleou

III. Observe Food habits of your surrounding animals and make a note.

IV. Draw this diagram



Chapter: Nutrition in animals

I. Read and write the keywords..

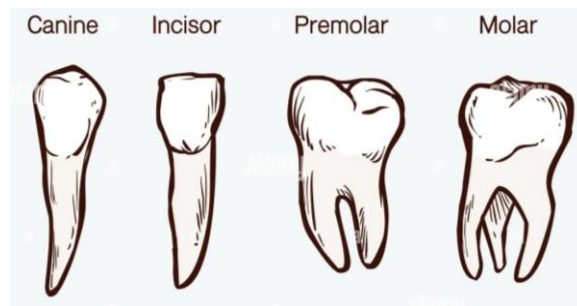
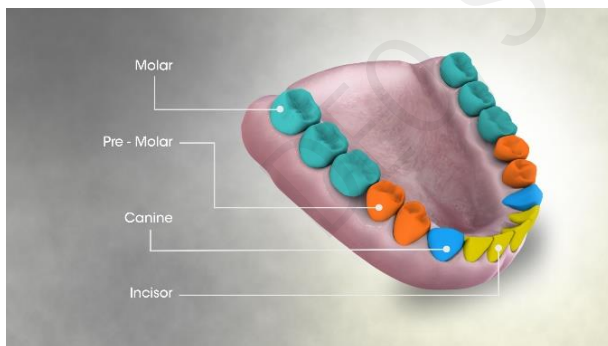
- Incisors egestion
- Canine gall bladder
- Premolars ingestion
- Molars permanent teeth
- Saliva pseudopodia
- Rumination pancreas

II. Identify the keywords in the below table

C	L	O	S	Y	M	X	J	I	P		
M	T	B	A	V	O	C	L	W	Q		
B	M	W	L	U	L	A	L	P	A		
R	U	M	I	N	A	T	I	O	N		
X	O	T	V	H	R	E	D	Y	M		
G	K	L	A	P	S	E	H	I	O		

Observe the diagram

Draw the types of teeth



Chapter: Heat

I. Read and write the keywords

Conductor hotter object

Insulator toxic substance

Temperature mercury

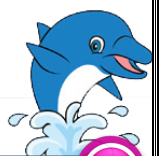
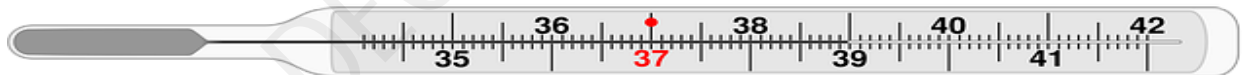
Thermometer Celsius scale

Fun Activity

III. Arrange the jumbled letters into a meaningful words.

1. Uccontord
2. Meterthermo
3. latorinsu
4. rattempeure

IV. Draw the diagram



SUMMER ACTIVITIES & READINESS FOR LEARNING SCIENCE

Chapter: Heat

I. Read and write the keywords

Conduction

Convection

Radiation

Land breeze

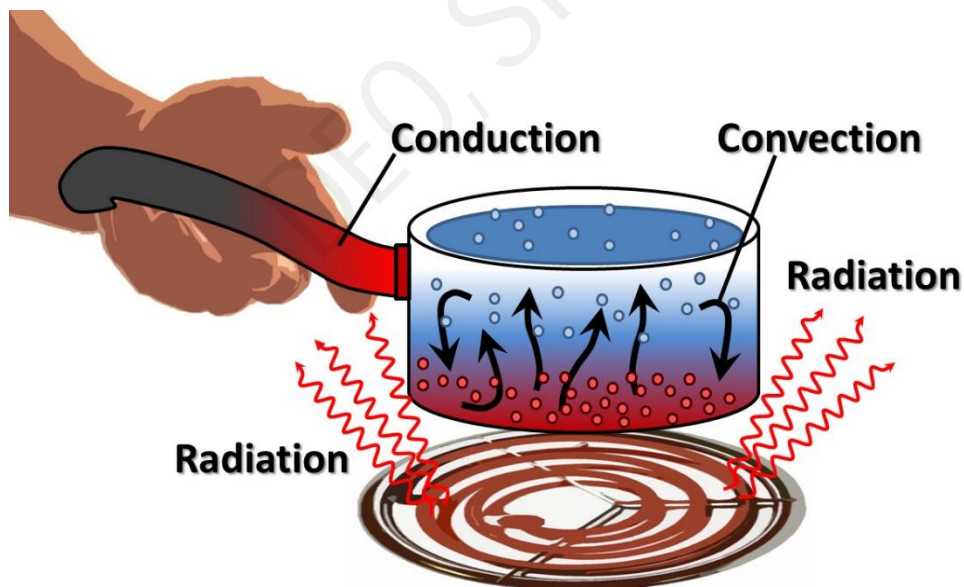
Sea breeze

II. Identify conductors and Insulators in your kitchen with your parents help and note it.

III. Identify the keywords .

V	L	C	O	N	D	U	C	T	O	R
T	H	E	R	M	O	M	E	T	E	R
R	U	G	H	K	J	L	M	R	G	O
C	O	N	V	E	C	T	I	O	N	P
Q	W	E	R	T	Y	U	I	P	O	U
I	N	S	U	L	A	T	O	R	Z	B
X	E	R	A	D	I	A	T	I	O	N

Observe and draw the diagram



Chapter : Acids, Bases and Salts

I. Read and write the keywords

Acid vinegar
 Acidic salt
 Base calcium hydroxide
 Basic acetic acid
 Blue litmus phenolphthalein

Fun Activity

Identify and write the mirror image words

esae :-----
 lla :-----
 cibicA:-----
 vinodl :-----
 biA:-----

prepare mirror image words with remaining key words

II. List out the natural acids that are used in your house.



Chapter: Acids, Bases and Salts

I. Read and write the keywords.

Indicator	citric acid
Neutral	quick lime
Neutralization	formic acid
Soil treatment	baking soda
Indigestion	sodium chloride

II. Make a video of 2 minutes preparing a dish using a natural acid at your home.

Fun Activity

III. Identify the keywords from the table and write.

K	A	C	I	D	I	C	
C	L	O	M	G	B	P	
N	E	U	T	R	A	L	
G	I	R	H	F	S	U	
S	A	L	T	Y	E	V	

Observe and draw the image

The Methyl Orange Indicator is Yellow in Basic Solution and Red in Acidic Solution



chapter: PHYSICAL & CHEMICAL CHANGES

II. Let us read Key Words

Chemical change change	Crystallisation	Physical
Chemical reaction	Galvanisation	Rusting
Sodium Hydroxide	Calcium Carbonate	

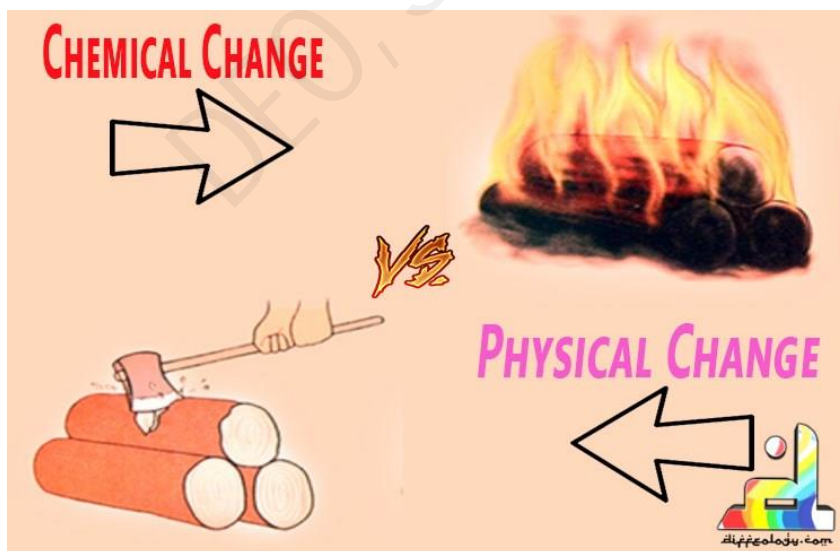
Fun Activity

III. Fill the letters correctly by using key words.

- Cr_s_a__i__ti_n.
- R__t__ng.
- G_l__ni_at__n.

Make some more keywords with missing letters.

IV. Write any four points by observing this picture.



chapter: PHYSICAL & CHEMICAL CHANGES

I. Let us read Key Words

Chemical change	Crystallisation	Physical
change		
Chemical reaction	Galvanisation	Rusting
Sodium Hydroxide	Calcium Carbonate	

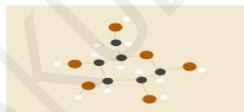
Fun Activity

II. Fill the table with the words Physical change / chemical Change

Name _____ Date _____

CHEMICAL AND PHYSICAL CHANGES

In a chemical change, a chemical reaction occurs and new products form. Energy is either absorbed or released. In a physical change, matter changes form, but its identity is not changed.



Identify each change as chemical or physical.

1	Heating water into steam	
2	Milk going sour	
3	Dissolving sugar in water	
4	Iron rusting	
5	Hydrochloric acid and sodium hydroxide reacting and forming salt and water	
6	Digesting food into nutrients	
7	Melting ice into water	
8	Acid rain dripping onto limestone and making carbon dioxide gas	
9	Breaking a glass into pieces	
10	Hydrogen peroxide decomposing into oxygen gas and water	

III. What happened to the wood and lemon at last.

Chemical		Physical	
Before Wood log		Before Whole lemon	
During Log getting burned		During Lemon getting sliced	
After (new substance) Pile of ash		After (same substance) Slices of lemon	

IV.



chapter: RESPIRATION IN ORGANISMS - 1

I. Let us read Key Words

Aerobic Respiration

Breathing Rate

Diaphragm

Tracheae

Inhalation

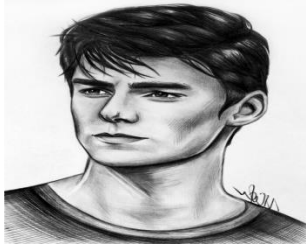
Lungs

Exhalation

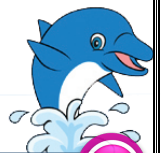
Gills

Fun Activity

II. Fill the Respiratory Organs of below animals by using Key words.



III. Make the model of lungs by using this diagram.



chapter: RESPIRATION IN ORGANISMS - 2

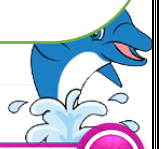
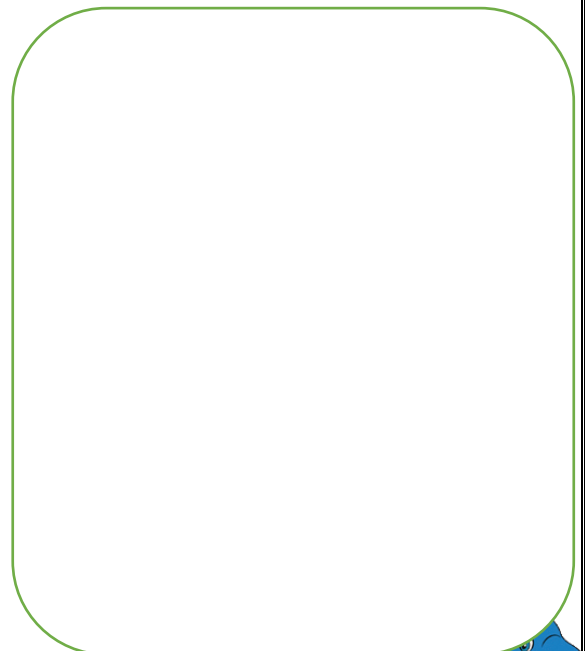
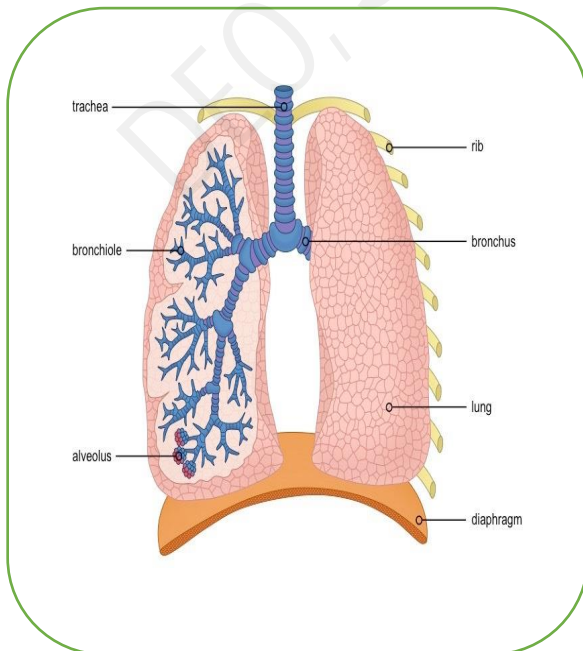
I. Let us read Key Words

Aerobic Respiration	Breathing Rate
Diaphragm	Tracheae
Inhalation	Lungs
Exhalation	Gills

II. Read the sentences and mark True/False.

1. During heavy exercise the breathing rate of a person slows down.
(True/False)
2. Frogs breathe through their skin as well as their Skin.
(True/False)
3. Fishes have gills for respiration.
(True/False)
4. The size of the chest cavity increases during inhalation.
(True/False)

III. Draw the diagram below and label its parts as shown in diagram.



chapter: TRANSPORTATION IN ANIMALS AND PLANTS - 1

I. Let us read Key Words :

Heart Beat

Artery

Tissue

Blood

Vessels

Capillary

Red Blood Cell

Platelets

Plasma

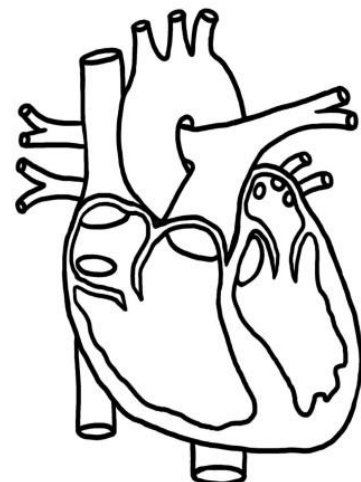
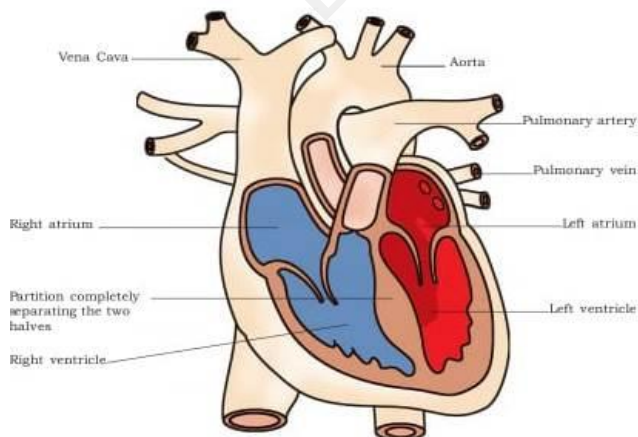
II. Have you ever see this? What is the name of it and what is the use of it?







III. Observe the picture and label the parts as shown:



chapter: TRANSPORTATION IN ANIMALS AND PLANTS - 2

I. Let us read Key Words :

Ureter

Urinary Bladder

Xylem

Phloem

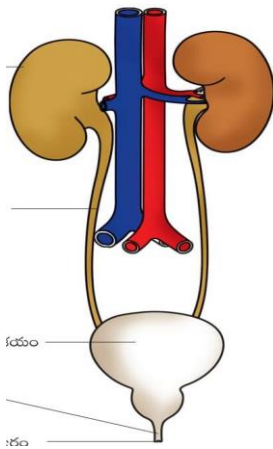
Root hair

Excretion

Uric Acid

Sweat

II. ANSWER THE FOLLOWING:

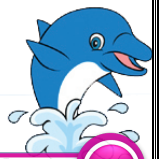
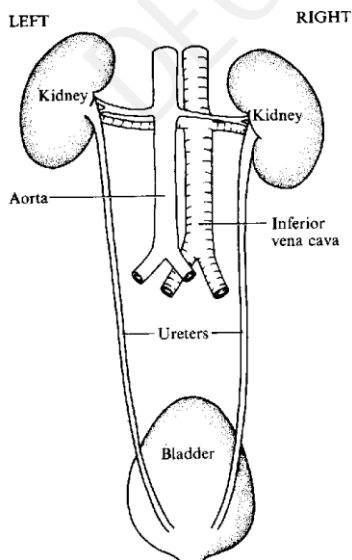


Name

Location

Function

Draw and color the diagram



SUMMER ACTIVITIES & READINESS FOR LEARNING SCIENCE

Chapter : Reproduction in Animals -1

Keywords: Asexual reproduction, Budding, Embryo (6 down), Fertilization (13 cross)

Fragmentation, Gamete (6 down), Ovum (4 down), Pollen grain (11 across)

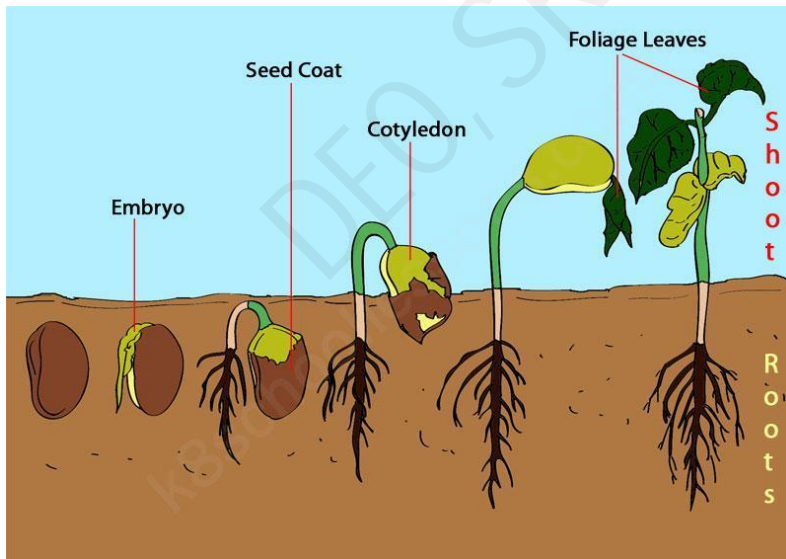
Pollen tube, Pollination, Seed (4 down) dispersal

Fun Activity

Read the keywords And fill the blocks

								g				
f	e						z		t		o	n
	m							m				
											u	
	r			s								
	o	l			n							n
				d								

Draw the diagram



Chapter : Reproduction

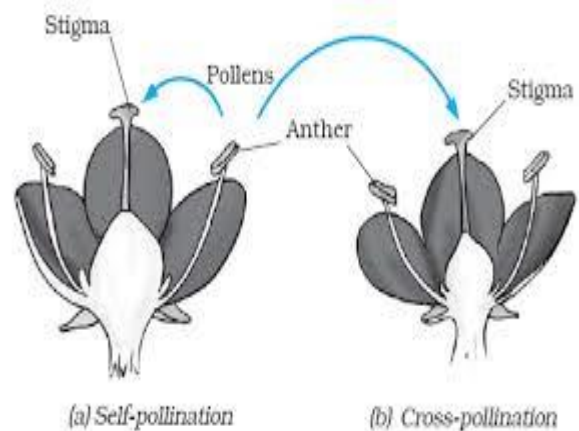
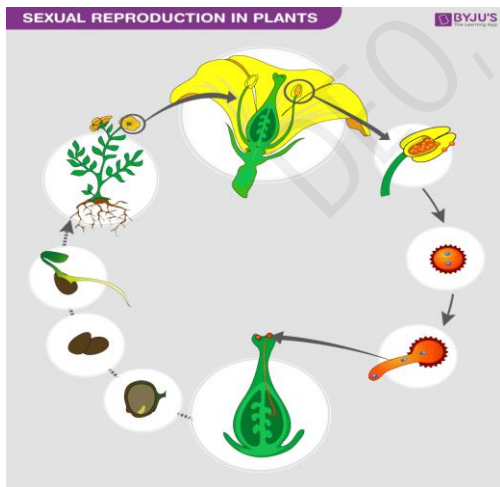
keywords:

Sexual reproduction
 Spore
 Sporangium
 Vegetative propagation
 Zygote

Fun Activity: identify and write the key words

1. Ductionrepro :-----
2. Otegyz:-----
3. Giumranspo:-----
4. Gationpapro:-----
5. Reosp:-----

Observe the diagrams and write your observations.
 Draw the diagram



Chapter: Motion

keywords:

Motion

Time

Bar graph

Graphs

Non-uniform motion

Oscillation

Simple pendulum

Rearrange the letters using keywords

RAGBPHRA

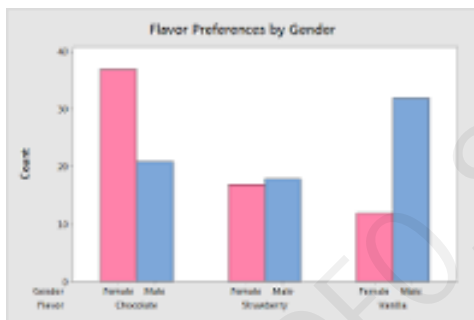
--	--	--	--	--	--	--	--	--	--

OMTINO

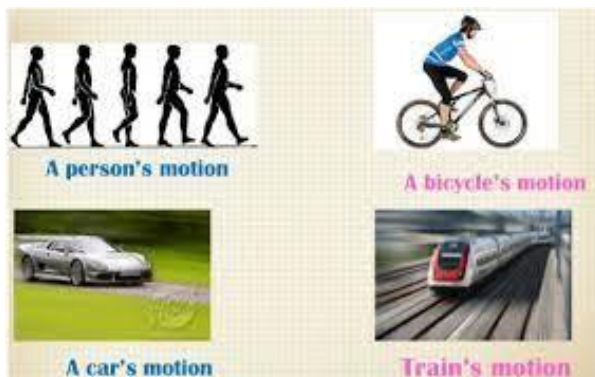
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METI

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Identify this diagram with help of key words ?



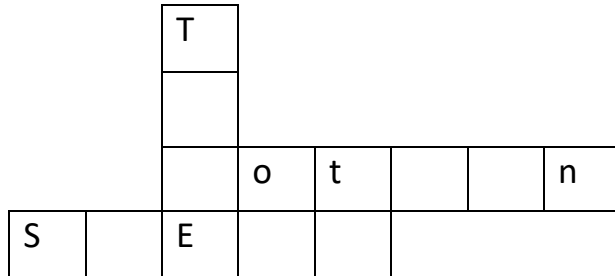
Write the activities seen in the picture?



Chapter : Motion and Time

keywords:

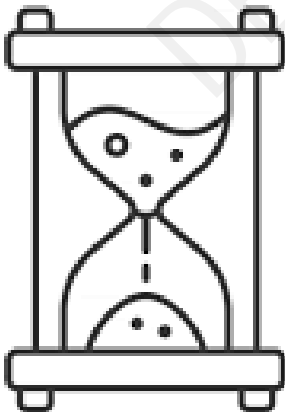
- Speed (5 across)
- Time (4 Row) period
- Uniform motion (5 across)
- Unit of time



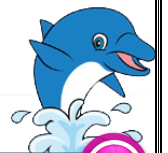
Fill the boxes with suitable letters...



- Think about this picture?



- Draw the picture and fill with colours



Chapter : Electric current and its effects

Keywords :

BATTERY,CIRCUIT DIAGRAM, ELECTRIC COMPONENTS
ELECTRIC BELL,ELECTRO MAGNET,FUSE,HEATING EFFECT OF CURRENT
MAGNETIC EFFECT OF CURRENT

Fun Activity

Identify the mirror images of the following keywords:

YRETTAB

MARGAID TIUCRIC

STNENOPMOC CIRTCELE

LLEB CIRTCELE

TENGAMORTCELE

ESUF

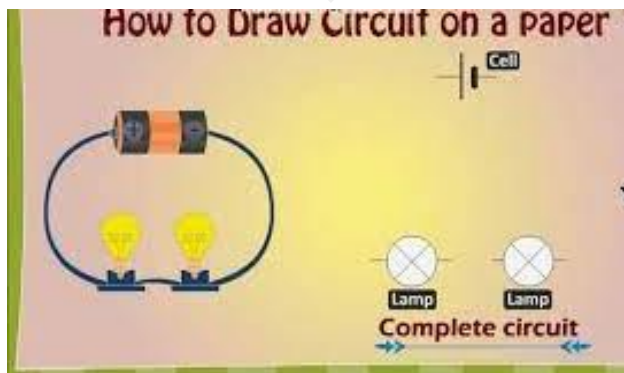
TNERRUC FO TCEFFE GNITAEH

TNERRUC FO TCEFFE CITENGAM

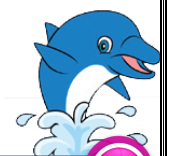
IDENTIFY THE FOLLOWING DIAGRAMS



Try to name the above pictures



Try the diagram



Chapter: Light

keywords: Magnified image, Magnifying glass, Prism, Rainbow, Real image, Rear view mirror, Side mirror, Spherical mirror, Virtual image

write the missing letters

M_gn_fi_d_m_ge

Ma_nif_ing_g_as_

P_i_m

R_in_ow

Re_l_im_g_

Re_r_vi_w_mi_ror

Si_e_mi_r_r

S_h_ric_lm_r_or

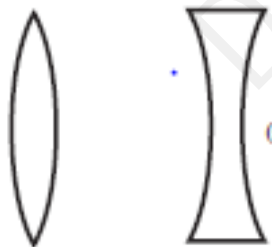
V_r_u_li_a_e

Fill the in the blanks using keywords

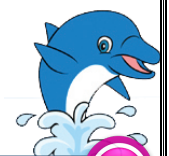


do you ever see this mirror? _____
picture? _____

what do you seen in this



draw the above diagrams.





Chapter: Forests: Our Lifeline

Word Search

H	B	E	O	S	O	I	L	E	R	O	S	I	O	N	A	F	U
P	T	Z	D	E	F	O	R	E	S	T	A	T	I	O	N	S	N
K	R	E	G	E	N	E	R	A	T	I	O	N	B	M	Z	A	D
H	Q	E	G	Y	L	W	W	V	M	Q	U	G	C	X	G	K	E
N	D	E	C	O	M	P	O	S	E	R	S	B	E	N	I	T	R
V	P	Y	R	S	E	E	D	D	I	S	P	E	R	S	A	L	S
N	D	K	O	A	H	K	U	S	W	C	A	N	O	P	Y	B	T
D	S	K	W	H	U	M	U	S	V	L	S	L	N	D	N	J	O
Y	M	J	N	G	C	P	Q	I	Q	K	T	U	M	F	I	X	R
D	B	T	W	W	R	H	O	O	H	X	L	C	D	Q	Q	C	E
H	B	N	N	F	O	T	I	X	F	I	Y	Q	I	L	P	X	Y
J	S	Z	O	W	E	B	D	S	H	S	X	F	Y	Q	O	U	X

Find the following words in the puzzle.
Words are hidden → ↓ and ↘ .

CANOPY
CROWN
DECOMPOSERS
DEFORESTATION

HUMUS
REGENERATION
SEED DISPERSAL
SOIL EROSION

UNDER STOREY

Try this.....

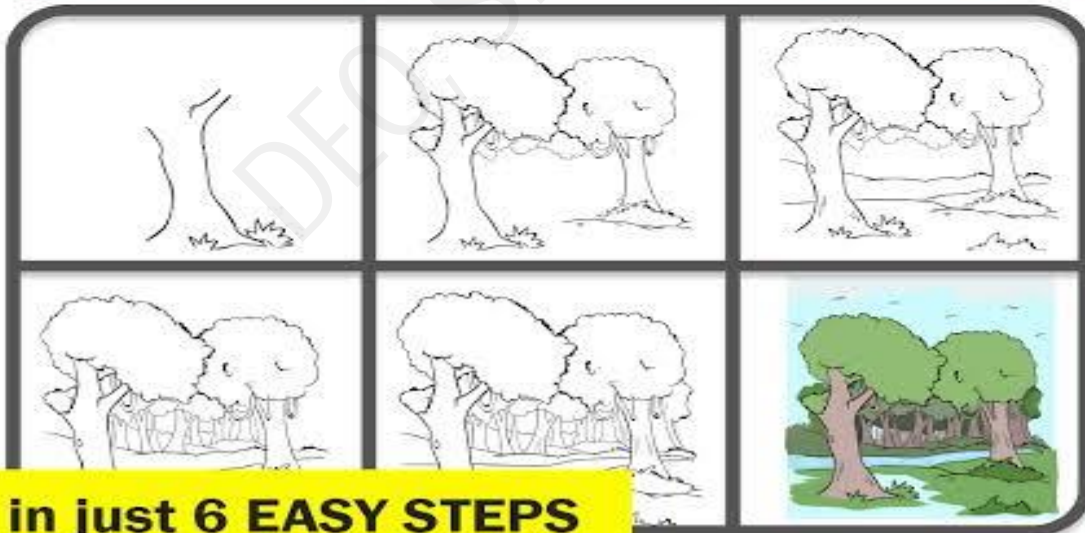


Name the Animals present in the forest?

What's is your favourite Fruit?



How to DRAW A FOREST



in just 6 EASY STEPS



Chapter: Waste water Story

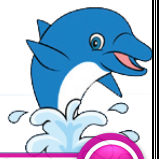
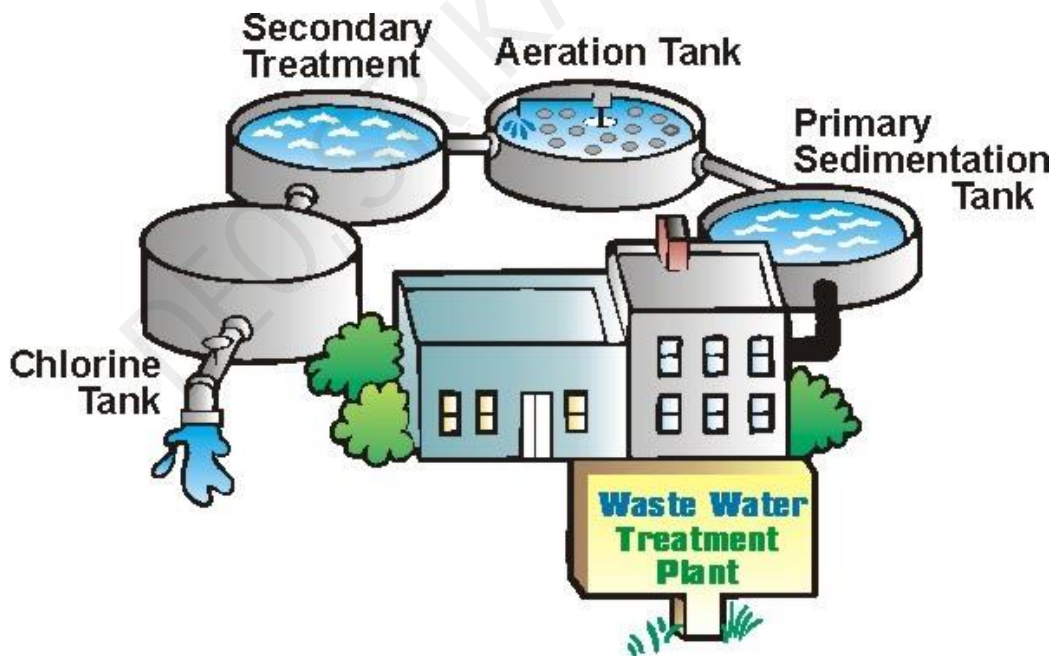
- I. Read and write the keywords :
- Waste water pollutants
Sanitation sewage
Contaminant aerobic bacteria
Anaerobic bacteria aeration
Biogas sewer

II. Fun activity:

Fill the missing letters.

W _ S _ E W _ T _ R S _ W _ G E
S _ N _ T _ T _ O N A _ R _ T _ O N
B _ O G _ S C _ N _ A M _ N _ N T

Observe the following diagram and draw it



Chapter : Waste water story

I. Read and write keywords.

Sewerage mismanagement

Sludge proclaimed

Sulfate water filtered

Chlorinated tubewells

Sewage treatment defecate

Inorganic impurities clarified water

II. Fun activity.. write the above keywords in alphabetical order.

III. Arrange the jumbled letters into a meaningful key words.

1. claimproed

2. rinatedchlo

3. tecadefe

4. wellsbetu

5. redtefil

Observe the diagram and write the process in an order

