

BUDHA DAL PUBLIC SCHOOL

LESSON PLAN

BOARD: **CBSE** CLASS - 3 SUBJECT: **G.SCIENCE**

CHAPTER -1

EATING HABITS OF ANIMALS

OBJECTIVES:

- The students will be able to
- Understand the difference between **plant – eating** and **flesh-eating** animals.
- Identify special feeding habits such as gnawing and chewing of and by certain
- animals.
- Understand how parts of the body help an animal to eat . Basic idea of a
- food
- chain

P.K TESTING:

- A good way to start the topic will be to inquire from students what they had
- for breakfast.
- From where do they get food.
- What animals give them?

IMPORTANT SPELLINGS

Carnivores , herbivores, omnivores ,scavengers, environment , domestic animals , lap up , gnawing , prey ,suck

VOCABULARY:

- Eating habits of animals.
- How animals eat.
- Food chain.

TEACHING AIDS

Board , Chalk , Smart class , pictures of various animals , model of foodchain.

EATING HABITS OF ANIMALS

The teacher will discuss that difference between herbivores , carnivores , omnivores and scavenger with the help of examples.

HOW ANIMALS EAT.

The teacher will discuss that different animals have different ways of eating .

Their way of eating depends on the kind of food they eat.

<p>GNAWERS</p> <p>LAPPING</p> <p>FOOD CHAIN</p> <p>ACTIVITY</p> <p>RECAPITULATION</p> <p>REVISION TEST</p>	<p>Gnawers are the animals that swallow their food whole , animals tear and chew flesh , animals that eat and chew grass.</p> <p>Animals that take in liquid food will be discussed with the help of smarclass modules.</p> <p>The process of who eats whom in nature will be discussed. Students will. told that food chain maintain the balance in the environment.</p> <p style="text-align: center;">e.g Grass —> Deer-- —> Lion</p> <p>ENACTMENT: Enactment by the children on the following topics using different Animal masks i.e Herbivores , Carnivores , Omnivores Gnawers , Cudchewing animals.</p> <ul style="list-style-type: none"> • A quick recap of the chapter will be given. Difficult words , Question/Answer , exercises will be done , practice sheets will be given. <p>Q/Ans , Fill ups , Name the following Give two examples</p>
<p>CHAPTER -2</p> <p>OBJECTIVES:</p> <p>P.K TESTING:</p> <p>IMPORTANT SPELLINGS</p> <p>VOCABULARY:</p>	<p style="text-align: center;">SAFETY FIRST</p> <ul style="list-style-type: none"> • The students will be able to • Understand the need to be safe at home , in class , in school , playground ,in a bus and on road. • Understand the need of safety rules and why they should be followed. • Understand the use of first aid box <ul style="list-style-type: none"> • Various safety measures to be taken care of at home will be brainstormed. • The teacher will find out from the students what could be the reason for accidents at home , road ,road , hospitals , schools etc. <p>Safety rules , accidents , zebra crossing , subway,footpath,queueplayground</p> <p>first aid , travelling etc</p> <p>Safety at Home</p> <ul style="list-style-type: none"> • Safety at School • Safety on the road. • First Aid.

TEACHING AIDS INTRODUCTION	Board , Chalk , Smart class , art integrated activities. The teacher will discuss about various incidents that happened with them. or their friends in school , house , on road or playground . Then safety rules will be discussed with the students.
SAFETY RULES AT HOME SAFETY AT SCHOOL	The teacher will discuss safety rules to be followed at home. The teacher will discuss safety rules to be followed in a bus like stand in a queue never disturb the bus driver , never lean out of a moving bus , never get in or out of a moving bus. The children will be taken to the playground and the teacher will demonstrate the rules to be followed.
SAFETY ON ROAD.	The teacher will demonstrate the rules to be followed on the road. The children will also participate.
FIRST AID	The term FIRST AID will be introduced by the teacher. A demonstration on first aid (for cuts and wounds , for burns) will be shown in the lab.
ACTIVITY	1. Celebrate Safety week in the school by making posters and have a small play explaining " What to do for our safety on the road , at home and in school." 2. Make a model of traffic signals using cardboard , coloured paper and glue.
RECAPITULATION	A quick recap of the chapter will be given. Difficult words , Question/Answer , exercises will be done , practice sheets will be given.
REVISION TEST	Q/Ans , Fill ups , Name the following , Give two examples
CHAPTER -3 OBJECTIVES:	HOUSING AND CLOTHING <ul style="list-style-type: none"> • The students will be able to understand • Types of houses we build according to our needs. • Features of a good house. • Types of fibres • Different uses of types of clothes for different seasons.
P.K TESTING.	To initiate the topic , the teacher will enquire from the students "What type of clothes do they wear in summers , winters and rainy season ?" <ul style="list-style-type: none"> • The teacher will find out from the students the type of house they live.

IMPORTANT SPELLINGS	Fibres , Synthetic , natural , cotton , jute , silk , wool ,nylon , polyester , igloo , stilt house , caravan , gumboots , umbrella , raincoat , drainage , wire-netting.
VOCABULARY:	<ul style="list-style-type: none"> • Special houses • Good house • A clean house • Different types of fibres. • Weather and clothes
TEACHING AIDS	Board , Chalk , Smart class , art integrated activities , sample of different types of fabrics , pictures of different types of houses
INTRODUCTION	The teacher will discuss about various types of clothes children wear on different occasions. To start with the teacher will ask about clothes they wore on a rainy day . the importance of clothes will be discussed. Need of houses will be discussed.
SPECIAL HOUSES	The teacher will discuss the need for a house and different types of houses for different people according to their requirement , weather and place where they live.
A GOOD HOUSE	The teacher will discuss the features of a good house. What should a house have to make ourselves safe and comfortable. Stress will be given on proper ventilation , drainage and safety of a house. Materials used for construction of different types of houses will be discussed
A CLEAN HOUSE	The children will be asked to tell how they help their mother to clean their house. Then the teacher will explain some ways to clean the house. A teacher will encourage children to keep their house and surroundings clean because " A clean house means a healthy and happy family".
FIBRES	The teacher will explain - the importance of clothes and types of fibres i.e Natural fibres and Synthetic fibres . The two types of fibres will be explained with the help of examples and showing them the samples of fibres like wool ,cotton , silk , jute , nylon , polyester etc.

WEATHER AND CLOTHES

The teacher will discuss that we wear clothes according to the weather of the place we live in . woollen clothes in winter , cotton clothes in summer and **waterproof material** things like **raincoats , gumboots , umbrellas** in rainy season.

ACTIVITY

1. Visit your tailor and collect different types of cloth pieces from the tailor. Paste them in your scrap file . Identify the type of cloth and from where we get it.

RECAPITULATION

A quick recap of the chapter will be given. Exercises will be done ,
practicesheets

CHAPTER -4

SOIL

OBJECTIVES:

- The students will be able to understand
- How soil is formed.
- That soil is valuable to plants as well as to humans .
- Different types of soil and their uses
- What does soil contain.
- That soil has water as well as air.

P.K TESTING:

- The teacher will enquire from the students
- Where do the plants grow?
- Name some animals that live in the soil.
- What is the present in the soil ?

IMPORTANT SPELLINGS

Soil , clayey , sandy loamy , gravel , humus , particles , earthworms , snail , colour , texture , smooth , rough ,

VOCABULARY

Formation of soil.

- What does soil contains?
- Types of soil.
- Uses of soil.

TEACHING AIDS	Board , Chalk , Smart class , art integrated activities , sample of soil , glass jar , water , gravel , sand , clay ,
PROCEDURE	After getting the response from the children , teacher will initiate the topic with uppermost layer of earth i.e soil , its components and its importance
FORMATION OF SOIL	The teacher will explain how was soil is formed by the process of breakdown of rocks . The teacher will demonstrate with the pieces of chalk (By rubbing two chalks with each other)
WHAT DOES SOIL CONTAINS	An activity will be done in the class to show what does soil contain. (Gravel , sand ,clay , humus) The term humus will be discussed. Importance of soil . Why humus is important for the growth of plants will be explained.
SOIL CONTAINS AIR AND WATER	Children will be taken to the lab to show the experiments that "Soil contain both air and water.
TYPES OF SOIL	The teacher will explain - the three types of soil i.e CLAYEY SOIL , SANDY SOIL and LOAMY SOIL . Difference in colour , size of particles and amount of air and water will be explained . Importance of different types of soil will also be discussed.
USES OF SOIL	The teacher will involve the students in discussion of the importance of soil to human beings , plants and animals.
ACTIVITY	<ol style="list-style-type: none"> POTTERY FUN : Take coloured moulding clay to make different types of fruits and animals found in soil. E.g Carrot , Potato , Earthworm , Snail etc. Children will collect samples of different types of soil i.e Sandy Clayey Loamy in small poly bags to study their colour and texture.
RECAPITULATION	A quick recap of the chapter will be given. Difficult words , Question/Ans , , exercises will be done , practice sheets will be given.
REVISION TEST	Q/Ans , Fill ups , Answer in one word, Give two examples

CHAPTER -5

SOLIDS, LIQUIDS AND GASES

OBJECTIVES:

- The students will be able to
- Things exist in three states : solid , liquid and gas
- Identify types of solids , liquids and gases
- Understand the change of state from one state to another.

P.K TESTING:

A good way to start the topic will be to inquire from students whether they have observed ice cubes .

IMPORTANT SPELLINGS

gaseous , solids , liquids , water vapour , definite , plastic , tumbler , nitrogen ,oxygen ,carbon-dioxide, inflated , evaporation , condensation , freezing , melting

VOCABULARY:

- Solids ,liquids and gases.
- Change of state
- **Evaporation**:process through which a liquid converts into a gas a liquid
- **Condensation**: process through which a gas changes into a liquid
- **Melting**: change of a solid into a liquid on heating
- **Freezing**: change of a liquid into a solid on cooling.

TEACHING AIDS

Board , Chalk , Smart class , ice cubes, water , milk , stone , wood , oil

PROCEDURE

SOLIDS, LIQUIDS AND GASES

Solids have a definite shape and volume. They do not not flow. E.g pen , Liquids do not have definite shape but have definite volume.e.g milk , oil Gases do not have fixed shape and volume. E.g air , oxygen , nitrogen

CHANGE OF STATE

The teacher will discuss that the states of matter can be changed from one or another by heating or cooling.

RECAPITULATION

A quick recap of the chapter will be given. Difficult words , Question/Answer , exercises will be done , practice sheets will be given.

REVISION TEST

Q/Ans , Fill ups , Name the following Give two examples

CHAPTER -7

PARTS OF A PLANT

OBJECTIVES:

The students will be able to

- Understand the different **types of roots** and **uses of roots**
- Identify the different parts of **SHOOT** i.e stem , leaf , flower , fruit , seed.
- Understand how plants germinate i.e the process of **germination**.
- Understand about the structure of leaf and photosynthesis.

P.K TESTING:

A good way to start the topic will be to inquire from students about different parts of a plant. How new plants germinate.

IMPORTANT SPELLINGS

roots, lamina , shoot ,chlorophyll ,germination , edible seeds , fibrous roots , tap roots, mid vein , stomata , photosynthesis , reproduction

VOCABULARY

ROOT: the part of plant below the soil.

- **SHOOT:** the part of a plant above the soil
- **GERMINATION :** the development of a seed into a seedling on getting proper air , water and sunlight.
- **EDIBLE SEEDS :** seeds that can be eaten.

TEACHING AIDS

Board , Chalk , Smart class , chart showing different parts of a plant , germination of a seed and a leaf showing its different parts.

PROCEDURE

1.PARTS OF A PLANT : ROOT

The teacher will discuss that difference between **tap root** and **fibrous root**.

2.FUNCTIONS OF ROOTS.

The teacher will explain the various uses of roots i.e roots hold the plant firmly ,roots absorb water and minerals from the soil and some roots store extra food in them.

3.SHOOT: The shoot bears the stem , leaves , flowers and fruits.

The teacher will discuss the **FUNCTIONS of stem** : The stem supports the upper parts. It carries water and minerals from the roots. It transports food made in leaves. Some stems store food.

4. LEAF: The teacher will explain the structure of leaf with the help of a leaf showing different parts of leaf i.e stalk , midrib ,veins lamina or leaf blade.

FUNCTIONS OF LEAF:The teacher will explain the process of photosynthesis.

.The process by which green leaves prepare their food using carbon dioxide,water minerals in the presence of sunlight. The process of germination will be discussed.Role of flowers , fruits and seeds will be explained.

<p>ACTIVITY</p>	<p>1. The students will collect five pictures each of edible roots ,shoots ,leaves and fruits.Paste these pictures on a chart and write their names below them.</p> <p>2.Use dry leaves to make pictures of different animals.</p> <p>RESOURCE : https://youtu.be/00XWJAVVpao https://youtu.be/yHVhM-pLRXk</p>
<p>INTEGRATION WITH OTHER DOMAINS</p>	<p>It will help to enhance the vocabulary of the students.</p> <p>It will help to enhance the drawing skills of the students.</p>
<p>LEARNING OUTCOMES</p>	<p>The students were able to</p> <ul style="list-style-type: none"> • Recognize different parts of a plant and their specific functions. • Differentiate between two types of root: Tap root and Fibrous root. • Know about the structure of leaf and photosynthesis. • Learn about the process of germination in brief.
<p>RECAPITULATION</p>	<ul style="list-style-type: none"> • A quick recap of the chapter will be given. Difficult words , Question/Answer , exercises will be done , practice sheets will be given.
<p>REVISION TEST</p>	<ul style="list-style-type: none"> • Q/Ans , Fill ups , Name the following Give two examples