

BIHARATIYA VIDYA BHAVAN, KOCHI


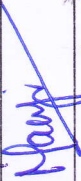




STD II ENVIRONMENTAL STUDIES

YEAR PLAN FOR THE ACADEMIC YEAR 2023-24

MONTH	TOPIC	SUB TOPIC	CONCEPT
JUNE	1. PLANTS AROUND US	Parts of a Plant Plants grow from Seeds Types of Plants	Root/Stem/Leaf/Flower/Fruit/Seed Conditions for the Seed to grow Trees/Shrub/Herb/Climber/Creeper
JULY	2. PLANTS ARE OUR FRIENDS	Plants give us Food Plants give us Fibres Plants give us Wood Plants give us Medicines Plants give us many other things Plants give us fresh Air	Fruits And Nuts/ Vegetables/Seeds/Oils/Spices/Tea,Coffee,Sugar And Cocoa Cotton Fibre/Jute Fibre Medicinal Plants And Their Uses Gum/Rubber/Paper/Perfume Plants Give Us Oxygen
AUGUST	3. ANIMALS AROUND US (Oral)	Domestic Animals How Animals are useful to us? Caring for Animals	Pet Animals/Farm Animals They Give Us Food/Make Our Work Easy/Give Us Wool,Silk And Leather Taking Care Of Animals
	4. WILD ANIMALS	Where do wild animals live? What do wild animals eat?	Wild Animals Eat - live in Forests Wild Animals Eat - Plants/Flesh/Both Plants And Flesh
	4. WILD ANIMALS (Contd...)	Save Wild Animals	Save Forests, Save Wild Animals

SEPTEMBER	5. BONES AND MUSCLES	Bones and Muscles Taking care of bones and muscles Correct Posture	Bone/Muscle/Skeleton/Joint-their importance Tips to make our Bones and Muscles Strong Need to keep a correct posture
OCTOBER	6. FOOD FOR HEALTH (Oral) 8. AIR	Types of Food Vegetarians and non-vegetarians Eat Healthy, Stay Healthy Properties of Air What does Air contain?	Energy Giving Food/Body Building Food/Protective Food Vegetarian Food And Non Vegetarian Food Avoid Junk Food/Eat Healthy Food/Breakfast,Lunch And Dinner Air Fills Up Empty Space/Air Has Weight Air Contain Gases, Water Vapour,Smoke,Dust And Germs
NOVEMBER	8. AIR (Contd...) 7. SAFETY FIRST (Oral)	Fresh Air,Clean Air Moving Air , Wind Vane Safety Rules First Aid	Plant More Trees To Get Fresh Air Wind,Breeze And Storm/Wind Vane At Home/On The Road/In School/In The Bus/In The Pool/At Play First Aid And First Aid Box
DECEMBER	9. WATER	Uses Of Water Where Do We Get Water From Safe Drinking Water Forms Of Water Water Cycle	Drinking,Bathing,Cooking,Cleaning Etc. Sources Of Water Dirty Water Make Us Sick,Drink Only Boiled Or Filtered Water,Save Water Ice, Water, Water Vapour Importance Of Water Cycle
JANUARY	10. LIGHT AND SHADOW	Sources Of Light Light And Shadow Size And Position Of Shadow	Sun,Fire,Bulb,Torches And Candles When An Object Blocks Light,A Shadow Is Formed The Size Of Shadow Changes With The Position Of The Sun
		Space And Space Travel	Space,Space Craft,Rocket,Space Suit,Astronaut

FEBRUARY	11. GOING INTO SPACE(Oral)	Famous Astronauts Moon	Yuri Gagarin, Valentina Tereshkova, Rakesh Sharma, Kalpana Chawla, Sunita Williams Nearest Neighbour Of The Earth In Space Is The Moon
	12. THINGS AROUND US	Natural And Man-Made Things We Use Different Materials To Make Things	Natural and Man made things Wood, Rubber, Leather, Glass, Plastic And Metal Are Used To Make Things
MARCH		REVISION	

NAME OF THE SCHOOL	NAME OF THE TEACHER	SIGNATURE
BVM,EROOR	SWAPNA M.V	
BAV,KAKKANAD	MANJU.V	
BNV,VELLOOR	GRETTA JAMES	
BVM,ELAMAKKARA	JAYASREE NAIR	
BVM,GIRINAGAR	S.ASWATHY VASUDEVAN	
BVV,THRIKKAKARA	SREEKALA KRISHNADAS	
BMV,TRIPUNITHURA	SUNITHA.S.NAIR	

NAME OF THE CHAPTER	ACTIVITIES
1. PLANTS AROUND US	<ol style="list-style-type: none"> 1. Draw and Label the various parts of the Plant. Colour it as you have observed from your surroundings. (Leaf, Stem, Root, Fruit, Flower, Seed) 2. Grow a Seed in a coconut shell by providing necessary conditions needed 3. Identification of different types of plants from their surroundings (Nature Walk) - and complete the words by filling the missing letters (Trees, Shrub, Herb, Climber, Creeper) 4. Nature album using fallen leaves
2. PLANTS ARE OUR FRIENDS	<ol style="list-style-type: none"> 1. Make a flower using pulses 2. Unscramble the given Words (Vegetables, Spices, Grains, Perfumes, Oxygen, Coffee, Cocoa, Rubber) 3. Poster making - "Plants make our world beautiful" 4. Speak any one home-made remedy that her/his grandmother uses when the child falls sick.
4. WILD ANIMALS	<ol style="list-style-type: none"> 1. Write 5 sentences about a zoo visit or virtual tour through a zoo. 2. Make a lion mask using eco-friendly products. 3. Stick the picture of any two animals living - on the ground/in the water/in and near water/both on land and in water/ on the trees - write the names (giraffe, elephant, turtle, octopus, frog, crocodile, duck, pelicans, birds, monkeys)
5. BONES AND MUSCLES	<ol style="list-style-type: none"> 1. Skeleton making using match sticks. 2. Role play on the tips to make bones and muscles strong 3. Find the missing letters and identify the word (lungs, stomach, heart, brain, cycling, swimming)

BHARATHIYA VIDYA BHAVAN , KOCHI KENDRA
SCHEME OF WORK FOR THE YEAR 2023 - 24

CLASS	ENVIRONMENTAL STUDIES	CONCEPTS	COGNITIVE LEVELS (as per Blooms Taxonomy)	LEARNING OUTCOMES	ASSESSMENT FOR LEARNING
III	ENVIRONMENTAL STUDIES JUNE				
SUBJECT	PLANTS AROUND US Observes and identifies the natural and social components in their immediate environment				
MONTH					
TOPIC					
COMPETENCIES					
SUB-TOPIC					
Parts of a plant	Root, Stem, Leaf, Flower, Fruit, Seed	C-1.1	Identify (BT) Recall And Reproduction (DOK)	Identifies the simple observable features of various parts of a plant	Worksheet 1/Seed Germination/
Types of plants	Trees, Shrubs, Herbs, Climbers, Creepers	C-1.1	Categorize (BT)/Strategic Thinking (DOK)	Differentiates between different types of plants	Identification Of Different Types Of Plants From Our Surroundings/Draw, Label And Colour Various Parts Of A Plant/Textbook Exercise (Page No 13-16)
Plants grow from seeds	Conditions for seeds to grow	C-1.1	Analyze (BT)/Strategic Thinking (DOK)	Records observations, experiences and information on the conditions required for the seeds to grow	
	KEYWORDS :- Water, Warmth, Climber, Creeper				

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SCHEME OF WORK FOR THE YEAR 2023 - 24

CLASS	SUBJECT	MONTH	TOPIC	COMPETENCIES	COGNITIVE LEVELS	LEARNING OUTCOMES	ASSESSMENT FOR LEARNING
II	ENVIRONMENTAL STUDIES	JULY	2. PLANTS ARE OUR FRIENDS				
						Identifies natural and human-made systems that support their lives, describes the relationship between natural environment and cultural practices in their immediate environment	
SUB-TOPIC	CONCEPTS	COMPETENCIES	COGNITIVE LEVELS	LEARNING OUTCOMES	ASSESSMENT FOR LEARNING		
			(as per Blooms Taxonomy)				
Plants give us food	Fruits And Nuts/Vegetables/Seeds/Oils/Spices/Tea/Coffee/Sugar And Cocon	C-2.1	List (BT)/Recall and Reproduction (DOK)	Group different products obtained from plants	Worksheets 2/Environmental Sensitivity Worksheet 1/TB Exercises (Page 2.5-27)		
Plants give us fibres	Cotton Fibre/Jute Fibre		Relate (BT)/Skills And Concepts (DOK)	Appreciates and describes the use of various plant products			
Plants give us wood	Uses of wood		Connect (BT)/Strategic Thinking (DOK)				
Plants give us medicines	*	C-2.2	Classify (BT)/Strategic Thinking (DOK)				
Plants give us many other things	Gum/Rubber/Paper/Perfume		Point out (BT)/Strategic Thinking (DOK)				
Plants give us fresh air	Plants give us oxygen		Discover (BT)/ Recall and Reproduction(DOK)				
	KEYWORDS- Pulses-Rajma,Moong/Medicines-Tulsi,Neem,Fibres-Cotton/Jute/Spices-Clove,Cumin,Root-Carrot,Radish						

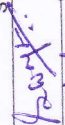





BHAKATHIYA VIBHYA BHAVAN, KOCHIKENDELA

SCHEME OF WORK FOR THE YEAR 2023 - 24

CLASS	SCHEME OF WORK FOR THE YEAR 2023 - 24			
II				
SUBJECT	ENVIRONMENTAL STUDIES			
MONTH	SEPTEMBER			
TOPIC	4.WILD ANIMALS (Contd)5. BONES AND MUSCLES			
COMPETECIES	Observes nad describes cultural diversity in tyheir immediate environment /describes the relationship between the natural environment and cultural practices in their immediate environment			
SUB-TOPIC	CONCEPTS	COMPETENCIES	COGNITIVE LEVELS	LEARNING OUTCOMES
		(as per Blooms Taxonomy)		
Save Wild Animals	Save Forests, Save Wild Animals	C-2.2	Create (BT)/Extended Thinking(DOK)	Develop awareness on the protection of forests and wild animals
Bones And Muscles	Bone/Muscle/Skeleton/Joint - Their Function	C-4.2	Describe (BT)/ Recall and Reproduction (DOK)	Records Observations.Experiences And Information About The Functions Of Bones And Muscles, Maintaining Correct Posture And Tips To Keep Them Strong
Taking Care Of Bones And Muscles	Tips to make our bones and muscles strong		Create(BT)/Extended Thinking(DOK)	Environmental Sensitivity Worksheet -2/7b Exercises (Page No. 50-53)/Skeleton Making Using Matchsticks
Correct Posture	Need of keeping correct posture		assess (BT)/extended thinking (DOK)	
		KEYWORDS- Bone,,Muscle,,Skeleton,,Joint,Exer cise,Posture,Correct		
				WORKSHEET -3

BIJARATHYA VIDYARHAYAN, KOCHI
SCHEME OF WORK FOR THE YEAR 2023 - 24

CLASS	SUBJECT	MONTH	TOPIC	CONCEPTS	COMPETENCIES	COGNITIVE LEVELS	LEARNING OUTCOMES	ASSESSMENT FOR LEARNING
II	ENVIRONMENTAL STUDIES	OCTOBER	6. FOOD FOR HEALTH (Oral)	Under takes a nutrition-based analysis of food components with reference to Indian and modern dietary and culinary practices and explain the effect of nutrition on health/Examines different dimension of diversity of food- sources,nutrients,geographical, social,time-period, based diets.				
			TYPES OF FOOD	Energy Giving Food/Body Building Food/Protective Food	C-4.1	Identify, Differentiate (BT)/Recall And Reproduction (DO)	Identifies and differentiates between different types of food	Speak five sentences on the Importance of following healthy food habits
	VEGETARIANS AND NON-VEGETARIANS		VEGETARIAN FOOD AND NON-VEGETARIAN FOOD	Vegetarian Food And Non Vegetarian Food		Categorize (BT)/Strategic Thinking (DOK)	Records his/her observations, experiences and information on the effects of healthy food over junk food	
	EAT HEALTHY, STAY HEALTHY		Avoid Junk Food/Eat Healthy Food/Breakfast,Lunch And Dinner		C-4.2	Create (BT) Extended Thinking (DOK)		
						Classify (BT)/Strategic Thinking (DOK)	Groups the components for a healthy breakfast,lunch and dinner	

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BVM,EROOR	SWAPNA M.V	
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BVM,ELAMAKKARA	JAYASREE NAIR	
BVM,GRINAGAR	S.ASWATHY VASUDEVAN	
BVV,THRIKKAKARA	SREEKALA KRISHNADAS	
BMV,TRIPUNITHURA	SUNITHA.S.NAIR	