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Water Wate		NAME OF THE DEPARTMENT. All PRIMADY SCIENCE SVI LARIS RDEAK IID 2021-22 A II														
Part			Y 1.00 .1		Name of the Subject Teachers:-Mrs. Elsy &		_		Grade:-5							
Part	MONTH	WEEK	Unit/Section	No of Periode		Learning Outcomes/ Skills acquired	assessment tasks, projects Visits) INCLUDING VIRTUAL		Competencies and Values	MY IDENTITY	Cross curricular link	Art Integration	Critical thinking questions subjective	Critical thinking questions objective		
		4 L		10		to identify the effects of sunlight, water and soil on the process of germination.			CompCollaboration ,Prediction ,Observation, Conclusion,		Count the number of seeds found in the given specimens	Seed with clay and label it. Observe the germination of seed and draw various stages	containers? 2. Differentiate between kharif and rabi crops. 3. How can we get healthy crops?	your garden? A) Bud B) Stem		
Part	RIL					radicle, plumule and embryo as parts of a germinating seed.	will disect the seed to observe and identify	brown and white)	Values:- care , honesty , respect , tolerance,		And make a table chart.		5.Why should seeds be dispersed? 6.Some seeds have hooked spines. Why?	D) Root		
Part							Keep some seeds in a tray to observe the germination	cotton ,water	resilience			in a chart paper.	Why coconut trees are found great numbers in coastal areas? Differentiate between radicle and plumule.	number of seeds		
Part	IV			propagation through the different parts of a vegetative propag	vegetative propagation through the different parts of a plant like stem, roots and leaves.	of activity Plant a Ros stem/Hibiscuss stem to and observe the growth and writ your observations	e with soil					plants? 11. How are plants and animals depend on each other?	propagation. A) I is correct II is incorrect B) II is correct, I is incorrect C) Both I and II are incorrect			
Part					*Distinguish between the different types of crops.	the different types of crops.	/PPT/Video							3.Photosynthesis in plant does not require? A) Water		
Part					*Explain the different stages of agriculture.									C) Sunlight D) Oxygen		
Part		1			Recognise the different types of habitats.					Animals found in UAE	Geography					
Part			surroundings													
Part					coverings in animals.				,observation , Collaboration			and informations of migrating	5. Why does a fish die when taken out of water?	C) Tiger		
Part					•Relate the body parts to the animals eating habits.	parts to the animals eating habits.	parts of herbivorous and	i	thinking values:- care , honesty , respect , tolerance, resilience,	е			7.How do migrating animals find their way? 8.How is the body of fish adapted to swim in water? 9. How is the body of bird adapted to fily? 10.How birds reptiles and human beings are similar? 11.An eagle and an ostrich both have beaks. What is the difference	Which one of the following adaptation is not found in fishes?		
# Part	APRIL					different ways of breathing and the		pencils						B) Fins to swim and maintain balance in water. C) Wading limbs to swim and wade D) Streamlined body		
Part					movement of animals help them to adapt to the anyironment the body of animal		/									
The content of the													(ii) Monarch butterflies travel from Canada to Mexico			
1 1 1 1 1 1 1 1 1 1						environment								(iii) Salmons swim long distances to reach sea to lay eggs.		
Mark					*Explain migration with relevant examples.									A) (ii) and (iii)		
Well and the state of facilities of the state of		4 L	.3-The skeletal							U.A.E				There are pairs of ribs in human beings.		
Part		M		n		Students will be able to describe the basic			Experimenting Prediction , Observation Conclusion, Communication values :-care , honesty , respect , tolerance, resilience, Integrity,		present in various parts of skeletal system and compare i	it	2.Why is skeleton necessary? 3.What would be the disadvantage of having fixed lower jaw?	B) 3 C) 10		
The second secon						Students will be able to describe the basic	Make model of skeleton				with bones present in babies		5. What would happen if there was no fluid between the brain and the skull?	Which bone protects the brain? A) Calcium		
The state of the s	MAY				* Discuss the structure and functions of the	Students will be able to discuss the structure		(white),stickynotes					7. What would happen if the backbone is made of a single bone?	C)The cerebrum D)The cerebellum		
Part				*	*Recognise the significance of joints in our body.		*Ms teams /PPI/Video							A) protect the stomach B) protect the spinal cord		
Part					*Classify the joints according to their functions.	according to their functions.]					What makes bones so strong? A)Silica		
Marked Park					*Distinguish between the types of muscles											
Part					*Distinguish between the types of muscles.									D)Calcium and phosphorous		
Well by the large of the large		4		m Explain the s					Collaboration Experimenting		E Epidemic and pandemic	label the parts Make a model of neuron with	1.How do neurons communicate with one another/?		lograms, 85 grams, 6.6 pounds)	
We will be the service of the control of the contro					major parts of the brain.	on and function of the rain. Students will be able to identify the location rain. Conclusion, Communication observation, Experimenting Problem solving, Critical	on			2. The brain need a continous supply of blood and oxygen. Why?	Cerebrum, Brain Stem)					
Selection of the control will specify of the control will specify of the control will be all the contr					spinal cord.	and function of the spinal cord.		Foam sheet ,macroni ,clay and	Values :-care , honesty , respect , tolerance,				3.What could happen if we clean our ears with a pointed object?	4.If you are right handed , then it is the side which h	nelps you write(center of the brain,, right side of the brain,, left side of the brain, back side of the brain)	
Service Sea strategies and functions of the services and functions	JUNE				and their functions associated with the nervous system. Create a model of neuron with macroni ,clay and thread resilience, integrity, resilience introduced with the nervous system.	e, Integrity,			4. While driving a scooter one must wear a helmet. Why?	5. Which of the following is a genetic disease that causes nee	urons in the brain to waste away and die?(Multiple sclerosis, Polio, Encephalitis, Huntington's disease)					
The combination of the continuous and the continuous and the combination of the combinati					,	nervous system as a central governing organ of the human body.	Draw or create, the parts of	Clay chart and colour par -it-	_				5What will happen if the hair inside the nose are cut and removed?	6.Cerebral palsy affects neurons in which part of the body?((Br	rain, Spine, Muscles, None of the above)	
#Bostate the importance of the five sense signature and of the five sense or grants in continuous process. It is a substitute of the five sense or grants in continuous process. It is a substitute of the first sense or grants in continuous process. It is a substitute of the first sense or grants in continuous process. It is a substitute of the first sense or grants in continuous process. It is a substitute of the first sense or grants in continuous process. It is a substitute of the first sense or grants in the first sense or grants in the dist. # Substitute the importance of the five sense or grants in the first sense or grants in the dist. # Substitute the importance of carbodystems and fain in the dist. # Takket the importance of carbodystems and fain in the dist. # Takket the importance of carbodystems and fain in the dist. # Substitute the importance of carbodystems and fain in the dist. # Substitute the importance of carbodystems and fain in the dist. # Substitute the importance of carbodystems and fain in the dist. # Substitute the importance of the five sense or grants in the dist. # Substitute the importance of carbodystems and fain in the dist. # Substitute the importance of carbodystems and fain in the dist. # Substitute the importance of five five sense or grants in the dist. # Substitute the importance of the five sense or grants in the five sense or five five sense or fiv							sense organs that connect us to our	and function of the sense organs that connect	an ear and eyes	Ciay ,citatt and colour pencils					6.People can have brown,black, blue or green eyes. Which part of the eye gives it this sow	7.A filament that arises from the neuron cell body and extends t
SUMMEN VACATION 1 1 5 Good health 2						importance of the five sense organs in	*Ms teams /PPT/Video									
4 L5-Good bealth 4 L5-Good bealth 5 Explain the importance of carbohydrates and first in the diet. 5 Configuration of the distribution of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in multion of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in multion of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in multion of carbohydrates and first in multion of carbohydrates and first in the diet. 5 Configuration of carbohydrates and first in multion of carbohydrates and first in the diet. 5 Collect the supercurse of carbohydrates and first in multion of carbohydrates and first in the diet. 5 Collect the insulation of carbohydrates and first in multion of carbohydrates and first in multion of carbohydrates and first in multion of carbohydrates and first in mul	25				actions.		1						7.What would happen if a nerve connection from your hand is broken?How can it affect the	8.After an accident, a person lost his speech and memory. Whic	ch part of his brain was affected(Medulla ,cerebrum ,Reflex action, nervous system)	
# Explain the importance of carbohydrams and fairs in the dict. # Tabulate the important sources of proteins in their dict. # Tabulate the important sources of proteins in their dict. # Summarise the important functions of the proteins in control by the kinds of vitamins and minerals. # Boulets will be able to summarise the causes and more communicable diseases. # Understand and fairs in the dict. # Tabulate the important sources of proteins in their dict. # Summarise the important functions of the proteins in control by the kinds of vitamins and minerals. # Boulets will be able to summarise the causes an	5	4 I	L5-Good health	n 12			1						of the following meals she should eat the night before to provide the most			
* Tabulate the important sources of proteins in their diet. * Summarise the important functions of the proteins in our body. * Summarise the important functions of the proteins in our body. * Multicomparise the important functions of the proteins in our body. * Summarise the important functions of the proteins in our body. * Multicomparise the important functions of the proteins in our body. * Multicomparise the important functions of the proteins in our body. * Multicomparise the important functions of the proteins in our body. * Multicomparise the important functions of the proteins in our body. * Multicomparise the important functions of the proteins in our body. * Multicomparise the important functions of the proteins in our body. * Multicomparise the communications of the proteins in our body. * Multicomparise the communication of the proteins in our body. * Multicomparise the communication of the proteins in our body. * Multicomparise the communication of the proteins in our body. * Multicomparise the communication of the proteins in our body. * Multicomparise the communication of the proteins in our body. * Multicomparise the communication of the proteins in our body. * Multicomparise the communication of the proteins in our body. * Multicomparise the communication of the proteins in our body. * Multicomparise the communication of the proteins in our body. * A Vour body can make the important in extension of the proteins in our body. * A Vour body can make the important in the second to unique. * A Vour body can make the important in the second to unique. * A Sudents will be able to identify the kinds of vitamins and minerals. * Sudents will be able to identify the kinds of vitamins and minerals. * Sudents will be able to identify the kinds of vitamins and minerals. * Sudents will be able to identify the kinds of vitamins and minerals. * Sudents will be able to identify the kinds of vitamins and minerals. * Sudents will be able to identify the kinds of vitamins and minerals.							food and list the nutrients present in them.	Chart, brochers ,glue ,colours	communication U.A.E Creativity Critical Thinking Values:-Tolerance		Collect the information on Kharif and Rabi crops grown	brochers and create a food pyramid. Make a poster to show the various	energy for the race? (Milk, Cereals, Chips, Burgar)I. An athlete is preparing to run a			
3. What happens when you cat more carbohydrates in your diet? (they gathes when you cat more carbohydrates in your diet? (they gathes when you cat more carbohydrates in your diet? (they gathes when you cat more carbohydrates in your diet? (they gathes when you cat more carbohydrates in your diet? (they gathes when you cat more carbohydrates in your diet? (they gathes when you cat more failure) (they gathes when you can you can when you can					in their diet.	sources of proteins in their diet.	*Ms teams /PPT/Video					methods to prevent the communicable diseases	eat the night before to provide the most energy for the race? (Milk, Cereals, Chips, Burgar)2. Jerry wants to build up his muscles, which food group intake he should increase?			
* Identify the kinds of vitamins and minerals. * Identify the vitamins and minerals. * Identify the kinds of vitamins and mi	MBER					important functions of the proteins in our body. of vitamins and Students will be able to identify the kinds of				3. What happens when you eat more carbohydrates in your diet?						
(eat from all of the food groups, eat more fruits and vegetables than "Differentiate between communicable and non communicable diseases. (eat from all of the food groups, eat more fruits and vegetables than anything else, completely avoid all fast and sugars, skip breakfast once a weekl) (b. This mineral helps to regulate and maintain the balance of fluids in the body. Table 10 yellow can we prevent this disease? Students will be able to summarise the causes and preventive measures of non communicable diseases. Students will be able to summarise the tauses and preventive measures of non communicable diseases. Which deficiency disease is caused by it?How to	SEPTE				* Identify the kinds of vitamins and minerals.					you a headache, they get converted into fat?) 4. Your body can make Vitamin D when it is exposed to sunlight. a.true	she couldn't go to school regularly.Why? 5.5. Naem NNS115 UN THE LAST SEAT AND					
						and preventive measures of non	:						(eat from all of the food groups, eat more fruits and vegetables than anything else, completery avoid all fats and sugars, skip breakfast once a week) 6. This mineral helps to regulate and maintain the balance of fluids in the body. Table salt is a major source of this mineral. What is the mineral?	BOARD. What kind of deficieny disease Naem is suffering from? How can we prevent this disease? 6.Jia feel tired all the time.Recently she went to the doctor who told her that she has weak muscles.		

	L6-Safety an first aid	1 4	necessary.	Students will be able to identify the situations where first aid is necessary. Students will be able to demonstrate how to give first aid in case of sprains, nose bleeding, fractures, animal bites and burns	Poster making on fire safety Demonstrate first aid for fractures *Ms teams /PPT/Video	Chart Colours First aid box	Competencies Collaboration Experimenting Prediction, Observation Conclusion, Critical thinking Values: -care, honesty, respect, tolerance, resilience,	Safety measures followed in U.A.E		Make a poster to create an awareness on fire safety.	Bandaids Gauze Antibacterial wipes All of these 2. The immediate medical help given to an injured person before the doctor arrives is called "first aid". True False 3. For simple cuts and wounds with iron or sharp object, you must Keep a cold pack over the patient's forehead. Get treated with and anti-tetanus injection within 24 hours. Drink a cool fruit juice to hydrate the body. A crack in the bone is called: Sprain Fracture Heat stroke 3. A dog bite may spred a life-threatening disease called: malaria cholera rabies chickenpox 6. For putting out a fire caused by petrol, we should— (Switch off the electricity supply, Turn off the gas supply, Throw water on it, Throw lots of sand on it.) 7. Accidents happen because of—(Carelessness of others,, Our carelessness., Hurry)	1. How do you help someone with a bleeding nose? 2. Manu is four year old boy. His mother keeps all the medicines on the top shelf of the rack. Why? 3. Firemen crawl on the floor of a room that is filled with smoke. Why do they do the? 4. What will you do if your friend is bitten by a dog? 5. Why should we not scratch blisters on the skin? 6. Why are small children given tetanus injections even before an injury? 7. We must not prick blisters. Why? 8. How will you put out after caused by defective wiring? 9. When someone's clothes catch fire, we must not let him run around in panic. Why? 10. How is rabies caused?		
	5 Air and water	r 10		*Students will be able to identify the various	Experiments to show the properties of air.	balloons	Competencies Collaboration	people in the UAE about the	Conduct a reasearch work on the harmful effect of the black		I.All weather changes take place in the exosphere. mesosphere, c. stratosphere, troposphere. A cold drink bottle mouth was	atmosphere?. 2.When a burning candle is covered with a glass, it gets		
æ			*Identify the various layers of atmosphere. *Discuss the properties of air and water. *Distinguish between soluble and insoluble	layers of atmosphere. *Discuss the properties of air and water. *Students will be able to distinguish between	*Activities to separate soluble and insoluble	candles soluble and insoluble impurities.	Independent learning Critical thinking Values:-care, honesty,		smoke that cmmes out of the vehicles such as cars,truck etc.		capped with a balloon. Which action can lead to increase in the size of	extinguished. Why does this happen?. What does this		
OCTOBI			impurities.	soluble and insoluble impurities. *Students will be able to identify the ways by	*Ms teams /PPT/Video		respect	Research what methods do Emirati people used before to		Make a model of purification of water				
			*Identify the ways by which soluble and insoluble impurities can be removed. *Explain the various ways of purifying	which soluble and insoluble impurities can be removed.				separate soluble and insoluble impurities form water. Include drawings or pictures to help						
	4 Earth, sun an	d 12	water.	*Explain the various ways of purifying water.	Make a model of the Solar	tennis hall	Competencies	explain your answer. • Conduct a research work on	English:-Write a poem	Make a model of phases of the				
	Moon		*Identify the various phases of moon . *Explain the formation of phases of moon . *Describe the formation of lunar and solar ecilisse.	* Students will be able to identify the various phases of moon . *Students will be able to explain the formation of phases of moon . *Students will be able to describe the formation of lunar and solar eclipse.	*Show the formation of Solar and Lunar eclipses using tennis ball , foot ball and a torch	foot ball torch Model of solar system Model of phases of the Moon	Creativity Digital competence Values:- Integrity, respect	the occurrence of Solar and lunar eclipses in UAE. • Find out what is Blue blood moon. Has it occurred in UAE before?	describing the beauty of moon Maths:-Note down the weight of each member of your					
				*Students will be able to describe man's first										
EMBER			*Research the lives and discoveries of	*Research the lives and discoveries of										
NOV			scientists who explored the solar system and stars.	scientists who explored the solar system and stars.										
	Changes in or environment		*Explain the causes and effects of different types of pollution. *Discuss the importance of saving our environment.	*Students will be able to explain the causes and effects of different types of pollution. *Students will be able to discuss the importance of saving our environment.	*Ms teams /PPT/Video. • *Discuss the ways in which pollution is taking place and think of the ways to control it. *Make posters on kinds	Color	Competencies and Values Collaboration Communication Values:- Integrity, honesty	*Conduct a research wok on 'How Government of UAE promote sustainability. Support your findings with examples.	Create an awareness among the people about the importance of saving environment.	Create a poster on save environment				
			non biodegradable waste. *Discuss positive and negative influence of	*Students will be able to differentiate between biodegradable and non biodegradable waste. *Students will be able to discuss positive and negative influence of humans on the	of pollution -air pollution , water pollution , soil pollution and noise pollution	1								
	3	8	humans on the environment.	environment.			Competencies	Coduct a research work on the	Social studies:-					
EMBER	Rocks and minerals		*Classify different types of rocks.	*Students will be able to classify different types of rocks.	Ms teams /PPT/Video. *An activity to find out the	Types of rocks Granite Basalt	Critical thinking , •Collaboration •Communication	types of rocks found inJebel Hafeet montain .Prepare a report on it.	On a map of India mark the following a. Places where coal is	Make a model of a house using a clay / cardboard / any types				
DEC			*Describe the texture and uses of different types of rocks.	*Students will be able to describe the texture and uses of different types of rocks. *Students will be able to distinguish between	texture of various rocks.	Pumice Conglomerate Sandstone	Values:- Integrity, honesty		extracted b. Places where petroleum is extracted	of rocks				
				types of minerals. *Students will be able to list the methods of	various types of rocks. *List some rocks that are used to	Shale Graphite			c. Places where diamonds are mined					
			resources. WINTER	conservation of natural resources. VACATION	make school buildings									
	Soil	5	*Illustrate the different layers of soil.	*Students will be able to Illustrate the different layers of soil.	Ms teams /PPT/Video Arrange the layers of soil	Samples of soil Layers of soil	Competencies Critical thinking • Communication	Collect different types of soil from different parts of UAE and find out, what are the						
			*Students will be able to describe the factors	Samples of soil	Samples of soil	Values :-care , honesty , respect	special components in it.Find out whether the soil is fertile or not .Prepare a report on it.	the world	Make a model of layers of soil					
			*Describe the factors causing soil erosion . *List the methods of conservation of soil.	*Students will be able to list the methods of conservation of soil.				or not repare a report on it.						
	5 States of matt	er 12	use meaneds of conservation of soll.	*Students will be able to investigate how	Ms teams /PPT/Video * Solubility cativities to be	Beakers	Competencies Problem	Group discussion on states of matter	Observe different food items being prepared in the					
>-			they are heated and cooled.	materials change when they are heated and cooled. *Students will be able to infer that solids	I done.	testtubes • Critical thinking • Values:- Integrity balloons, match box, appples			kitchen.List any 10 food items and state whether their preparation involves a physical					
ANUAR			a solution.	"Students will be able to inter that soluds dissolve in liquids to form a solution. *Students will be able to distinguish between miscible and immiscible liquids.	miscible and immiscible	, papers , candles , soluble and insoluble impurities , miscible and immiscible	-		change or chemical change					
			*Differentiate between physical and	*Students will be able to differentiate between	*Acitivities to prove physical and chemical changes.	liquids.								
	2 7	10	*Differentiate between physical and chemical changes.	physical and chemical changes.		Det 1: "	Casad At 11	The description of the second	AVAL 1 *					
	More about force, energy and simple		*Classify the types of forces.	*Students will be able to classify the types of forces.	force a can change the direction of a moving object	Bat, ball, ground, tennis court, models of simple machines	Critical thinking Communication Values:-care, honesty,	Find more information about the ancient tools used in UAE .Write its Arabic name .	Value education:- Air conditioners give out a lot of heta and also release					
	machines			*Students will be able to differentiate between kinetic energy and potential energy.	, change the shape of an object , make an object		respect		harmful gases.This harms the environment and causes global	Make a model of any two				

FEBRUARY	* Students will be able to identify the importance of simple machines in everyday life. * Describe the types of simple machines with examples. *Students will be able to identify the importance of simple machines in everyday life. *Students will be able to identify the importance of simple machines in everyday life. *Students will be able to identify the importance of simple machines in everyday life. *Students will be able to identify the importance of simple machines in everyday life. *Students will be able to identify the importance of simple machines in everyday life. *Students will be able to identify the importance of simple machines in everyday life. *Students will be able to identify the importance of simple machines in everyday life. *Students will be able to identify the importance of simple machines in everyday life.	move, or stop a moving object. Make a list of various machines in the school or at home that help us in doing work.		warmi	ning. Discuss the ways to educe the use of ACs								
		Ms teams /PPT/Video											
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