

SCHEME OF WORK FOR PRIMARY SIX TERM 1 -3

WK	PD	THEME	SUB-TOPIC	SUBJECT COMPETENCES	COMPETENCES		Suggested activities	REF	RMKS
					LANGUAGE	CONTENT			
	1	The world of living things	Classification of living	The learner -Classifies livingthings into kingdoms. -Describes the characteristics of living things	The learner, -Names the kingdoms of living things -Spells out words correctly	- Characteristics of living things - Kingdoms of living things - Animals kingdom. - Plant kingdom - Bacteria kingdom - Protoctista (Single celled organism) - Fungi kingdom	- Observing characteristics of living things - Identifying the kingdom of living things	Intergrated Sc P/s BK 6 Pg _____ Fountain Sc P/s Bk 6 Pg _ Comprehe nsions Sc P/s Bk 6	
	2	Animal Kingdom	The learner, -Classifies animal kingdom into vertebrates	The learner -Names classes of animals -Spells out words correctly	Classes of animals kingdom -vertebrates - invertebrates	- Identifying classes of animals - Describing examples of classes of animal kingdom	- Integrated Sc P/s Bk 6 - Fountain Sc P/s BK 6 - Comprehensive Sc P/s Bk 6	- Spotlight integrated sci P/s Bk6 - Understanding	

			-Learners gives examples of vertebrates and invertebrates		-Give examples in each case				
	3		Vertebrates	<p>The learner,</p> <p>-Names groups of vertebrates</p> <p>-Spells out words correctly</p> <p>-Reads words sentences and stories about vertebrates</p>	<p>The learners</p> <p>-Classifies the groups of vertebrates into warm blooded and cold blooded.</p> <p>-Gives examples of groups of vertebrates</p> <p>-Describes the mode of reproduction in vertebrates.</p>	<p>-Definition.</p> <p>-Groups of vertebrates</p> <p>i)Warm blooded (Homoioleemic)</p> <p>ii)Cold blooded (poikilothermic)</p> <p>examples of warm blooded</p> <p>-Birds</p> <p>-Mammals</p> <p>Examples of cold</p>	<p>- Observing groups of vertebrates</p> <p>- Spelling words related to vertebrates</p> <p>- Reading words and sentences related to vertebrates</p>		

						blood -Reptiles -Amphibians -Fish			
	4		Warm blooded (Homoiothermic animals)	The learners -Names groups of vertebrates and gives examples in each group. -Spells out words correctly -Reads words related to groups of vertebrates correctly	-The learner -Names groups of warm blooded animals -Describes the characteristics of groups of warm blooded animals -Describes the mode of reproduction in each case	- Definition - Groups of warm blooded animals - Examples in each group - Characteristics of each group of warm blooded animals	- Grouping animals - Observe the groups of warm blooded animals - Reading		

			Mammals	<ul style="list-style-type: none"> - The learners, the characteristics of mammals - Describes different groups of mammals - Identifies the characteristic features of each group of mammals - Gives examples of groups of mammals 	<p>The learner</p> <ul style="list-style-type: none"> -Names groups of mammals. -Spells out words related to mammals correctly -Act out the dialogue about groups of mammals 	<ul style="list-style-type: none"> - Definition of mammals - Characteristics of mammals - Groups of mammals - Characterizes each group and examples 	<ul style="list-style-type: none"> - Observing groups of mammal and their example - Spelling out words correctly 		
			Birds	<ul style="list-style-type: none"> - The learner - Identifies characteristics of birds - Describes groups of birds - Describes their mode of feeding and reproduction 	<p>The learner</p> <ul style="list-style-type: none"> -Names groups of birds -Spells out word related to birds correctly -Act dialogue about groups 	<ul style="list-style-type: none"> - Characteristics of birds - Group of birds and examples. - Characteristics of each group of words - Advantage and disadvantages of birds - Adaptations of birds to their environment (life) 	<ul style="list-style-type: none"> - Observing groups of birds - Describe advantages and disadvantages of birds - Spelling out words 		

					of birds		correctl y		
			Cold blooded (poikiloth emic animals)	<ul style="list-style-type: none"> - The learner - Names groups of cold blooded animals - Names examples of groups of cold blooded animals. - Describes the characteristics of groups of cold blooded animals - Describes the mode of reproduction in cold blooded animals 	<p>The learner</p> <ul style="list-style-type: none"> -Names groups of cold blooded animals -Reads words related to cold blooded correctly -Spell out words correctly 	<ul style="list-style-type: none"> - Definition - Characteristics of groups of cold blooded animals - Examples of cold blood animals 	<ul style="list-style-type: none"> - Observi ng groups of cold bloode d animal s - Spellin g out words correctl y - Readin g words and sentenc es correctl y 		
			Reptiles	<ul style="list-style-type: none"> - The learners - Defines the term reptiles - Describes different groups of reptiles. - Describes characteristics and examples of each group. - Describes their mode of reproduction 	<p>The learner</p> <ul style="list-style-type: none"> -Names groups of reptiles -Gives examples of each group -Reads words related to reptiles 	<ul style="list-style-type: none"> - Description of reptiles. - Groups of reptiles. - Characteristics of each group - Examples in each group of reptiles 	<ul style="list-style-type: none"> - Observi ng group of reptiles - Spellin g , pronou ncing and reading words correctl y 		

					-Spells, pronounces words correctly		- Describing mode of reproduction - Drawn g		
			Snakes	<ul style="list-style-type: none"> - The learners - Describes the characteristics of snakes. - Classifies the groups of snakes and their examples - Describes the steps taken to give first aid for snake bite. - Describes the importances of snakes to the environment - Describes the mode of reproduction in snakes. 	<ul style="list-style-type: none"> - The learners - Names groups of snakes and their characteristics - Spells out words related to snakes correctly. - Acts dialogue on groups of snakes. - Read words and sentences correctly about snakes 	<ul style="list-style-type: none"> - Characteristics - Classification of snakes - Snakes - Poisonous - Non poisonous - Examples in each class of birds. - Importances of snakes - Reproduction in snakes 	<ul style="list-style-type: none"> - Observing groups of snakes - Classifying and naming groups of snakes - Demonstrating the steps in first aid for snake bite. - Drawing snakes 		
			Tortoises, Turtles and terrapins	<ul style="list-style-type: none"> - The learner, - Describes such groups of reptiles - Identifies their characteristics according to their environment 	<ul style="list-style-type: none"> -The learner, -Names the groups of such reptiles 	<ul style="list-style-type: none"> - Characteristics - Their importance in the environment - Mode of reproduction 	<ul style="list-style-type: none"> - Observing the groups of reptiles - Read 		

				- Describes the mode of reproduction in such reptiles	-Spells out words correctly		words sand sentences about the groups of reptiles - Drawin g		
			Lizards	<ul style="list-style-type: none"> - The learners - Describes the groups of lizard - Describes their mode of reproduction , feeding and protective / defence mechanism 	<p>The learner</p> <ul style="list-style-type: none"> -Names the example of lizards -Spells out words -Investigates their mode of feeding , reproduction and protection 	<ul style="list-style-type: none"> - The learners - Characteristics of lizards - Adaptations of lizards to their environment 	<ul style="list-style-type: none"> - Observing the groups of lizard - Reads and writes sentences about lizard - Spell out words - Drawin g 		
			Crocodile s and alligator	<ul style="list-style-type: none"> - The learner - Describes the characteristics of crocodiles and alligators - Identifies the importance of importance of such reptiles 	<ul style="list-style-type: none"> -The learners -Reads and writes sentences on such reptiles -Spells out 	<ul style="list-style-type: none"> - Characteristics - Importances to the environment - Their feeding / reproduction and defensive mechanisms 	<ul style="list-style-type: none"> - Observi ng charact eristics of crocodil e and alligato rs 		

					the words		<ul style="list-style-type: none"> - Read and writes sentences about them - Drawing 		
			Fish	<ul style="list-style-type: none"> - The learners - Describes characteristics of fish - Identifies types of fish - Describe breathing mechanism in fish - Identifies adaptation of fish to living in water - Gives uses of fish to man 	<p>The learners</p> <ul style="list-style-type: none"> -Spells pronounces and writes words correctly -Names different external parts of a fish 	<ul style="list-style-type: none"> - Characteristics of fish - Structure of fish - Functions of part of fish - Types of fish and examples under each type. - Adaptations of fish to living in water - Uses of fish to man 	<ul style="list-style-type: none"> - Observing parts of a fish - Drawing and naming parts of a fish - Giving uses of parts of a fish -Out lining uses of fish to man 		
			Amphibians	<ul style="list-style-type: none"> - The learner - Describes characteristics of amphibians - Names examples of amphibians - Describes differences between a frog and a toad - Describes reproduction in amphibians 	<p>The learners</p> <ul style="list-style-type: none"> -Outlines characteristics of amphibians -Write stories and poems 	<ul style="list-style-type: none"> - Characteristics of amphibians - Examples of amphibians - Differences between a frog and a toad - Reproduction amphibians 	<ul style="list-style-type: none"> - Observing some amphibians common in the locality - Naming amphib 		

					about amphibians -Reads words related to amphibians correctly		ians - Preparing a simple differentiation table for a fish and a frog - Drawing		
		The world of living things	Classes of invertebrates	<ul style="list-style-type: none"> - The learner - Names examples of invertebrates - Describes different classes of invertebrates mode of reproduction in invertebrates 	<p>The learners</p> <ul style="list-style-type: none"> -Names , group or classes of invertebrates -Spells and reads words correctly -Writes stories about invertebrates 	<ul style="list-style-type: none"> - Definition of invertebrates - Characteristics of invertebrates - Classes of invertebrates 	<ul style="list-style-type: none"> - Observing different invertebrates - Spelling exercise on words related to invertebrates - Writing poems and stories about invertebrates 		

			Coelenterates, Echinoderms and sponges	<ul style="list-style-type: none"> - The learners Names or describes characteristics of coelenterates, echinoderms and sponges. - Names examples of coelenterates, echinoderms and sponges. 	<p>The learner</p> <ul style="list-style-type: none"> -Names examples of coelenterate s, Echinoderms and sponges. -Spells pronounces and reads words correctly 	<ul style="list-style-type: none"> - Characteristics of: <ul style="list-style-type: none"> - Coelenterates - Echinoderms - Sponges - Examples of Coelenterates - Echinoderms 	<ul style="list-style-type: none"> - Observing diagrams of coelenterates, echinoderms and sponges - Drawing diagrams of coelenterates, echinoderms and sponges 	<p>Fountain BK 6 Pg</p> <p>MK Bk 6 Pg</p> <p>ComprPriS cieBk 6 PG</p>	
			Molluscs	<ul style="list-style-type: none"> - The learner Describe the characteristic of molluscs - Names the examples of molluscs - Describes their defence mechanism in molluscs 	<p>The learner</p> <ul style="list-style-type: none"> -Names the examples of molluscs -Spells out words correctly -Write poems about molluscs 	<ul style="list-style-type: none"> - Characteristics of molluscs - Examples of molluscs - Adaptations of molluscs to their life - Importance of molluscs 	<ul style="list-style-type: none"> - Drawing example - Observing characteristics of molluscs - Read and write 		

							sentences about molluscs		
			Worms	<ul style="list-style-type: none"> - The learner - Describes the group of worms - Identifies the characteristics of each group of worms - Describes their mode of reproduction - Identifies the effect of worms to human bodies 	<p>The learners</p> <ul style="list-style-type: none"> -Names the group of worms -Spells out words related to worm correctly -Names the characteristics of groups of worms 	<ul style="list-style-type: none"> - Characteristics of worms - Examples worms in each group - Importance of some worms and effects to our bodies 	<ul style="list-style-type: none"> - Drawing - Reading writing sentences about worms - Observing the group of worms 		
			Arthropods	<ul style="list-style-type: none"> - The learner - Identifies the characteristics of arthropods - Describes the groups of arthropods. - Describes the characteristics of each group of arthropods with examples. - Describe their mode of reproduction and feeding - Identify the importance of importance of insects to 	<p>The learners</p> <ul style="list-style-type: none"> -Names the group of arthropods -Spells out words related to arthropods -Reads and writes 	<ul style="list-style-type: none"> - Characteristics of arthropods - Groups of arthropods - Mode of reproduction and feeding - Importance of insects to the environment 	<ul style="list-style-type: none"> - Drawing - Naming the groups of arthropods - Observing groups of arthropods 		

				man and environment	sentences on arthropod		- Reading and writing sentences		
		The world of living things	Protoctista kingdom (single celled organisms)	<ul style="list-style-type: none"> - The learners - Identifies characteristics of organism under protoctista kingdom - Names organism under protoctista kingdom 	The learners -Spells , pronounces and reads words related to protoctista kingdom correctly	<ul style="list-style-type: none"> - Characteristics of organisms under protoctista kingdom - Examples of organism under protoctista kingdom (Algae , euglena , protozoa) 	- Charts showing algae , euglena and protozoa -Spelling words	Observing diagram of algae, euglena and protozoa	
			Algae , protozoa and Euglena	<ul style="list-style-type: none"> - The learner - Describes characteristics of algae , protozoa and euglena - Names examples of algae and protozoa - Identifies uses of algae - Describes mode of movement of protozoa - Describes mode of reproduction of protozoa 	The learner -Spells and reads words correctly -Names examples of protozoa and algae -Writes and reads sentences related to algae to algae and protozoa	<ul style="list-style-type: none"> - Characteristics of algae - Examples of algae - Uses of algae - Diagrams of algae - Characteristics of euglena - Diagram of euglena - Characteristics of protozoa - Examples of protozoa - How protozoa reproduce and move - Diagram of protozoa 	- Charts showing euglena, spirogyra, amoeba, paramecium	<ul style="list-style-type: none"> - Observing diagrams - Diagram and labeling diagram - Describing how amoeba and paramecium move and reproduce 	Supplementary Sci Pg 126 Intro to Bi

									o Pg 17 4 - 17 5
				-		- Care for and of protection vertebrates and invertebrates	- Writing poem about and protecting and invertebrates	- Caring for vertebrates	
		Matter and energy	Sound energy	<ul style="list-style-type: none"> - The learner - Describes the term energy - Identifies forms of energy - Experiments on sound as a form of energy - Identifies sources of sound energy 	<p>The learners</p> <ul style="list-style-type: none"> -Describes sound energy -Spells words related to sound correctly -Reads words sentences and stories about sound. 	<ul style="list-style-type: none"> - Definition of energy - Types of energy - Forms of energy - Definition of sound - Natural sources of sound - Artificial sources of sound - How sound is produced - Types of sounds - How sound travels 	<ul style="list-style-type: none"> - Carrying out experiment on sound energy - Reading words sentences and stories about sound 	<ul style="list-style-type: none"> -Rulers -Drums -Bells -Stones -Desks -Sets 	M k Bk 6 Pg Int eg rat ed Sci Bk

									6 Pg
		How living things make sound and how it travels		<ul style="list-style-type: none"> - The learner - Describes how living things make sound - Describes how sound travels through different media - Calculations on sound 	<p>The learner</p> <ul style="list-style-type: none"> -Makes sounds of different animals -Spells words related to sound correctly 	<ul style="list-style-type: none"> - How living things make sound - How sound travels in different media - Speed of sound in different media - Calculating numbers about sound 	<ul style="list-style-type: none"> - Identify ing differen t sounds if differen t objects - Calcula te number s on sound in air 	<p>Real insects</p> <ul style="list-style-type: none"> -Drums -Desks Text books -Tins -Threads 	M k BK Pg Int eg rat ed Sci Bk 6 Pg 6
		Matters and Energy	Music instruments	<ul style="list-style-type: none"> - The learners - States different groups of music instrument - Names instruments under each group - Draw and names some music instruments 	<p>The learner</p> <ul style="list-style-type: none"> -Names different classes of music 	<ul style="list-style-type: none"> - Groups of music instruments - Examples under each group - Diagrams of simple music instruments - How each group produce sound 	<ul style="list-style-type: none"> - Classify ing music instrum ents - Drawin g and naming 	<ul style="list-style-type: none"> -Drums -Bottle -Water -Ropes 	

					instruments -Writes spells , Pronounces and reads words correctly -Writes words sentences and stories about music instrument	- How to change the pitch of each music instrument	simple music instrument	-Rubber -Bands -Shakers	
			Pitch frequency and volume	- The learner - -Describes pitch , frequency and volume of sound - -Describes factors affecting pitch	The learner -Describes factors affecting pitch -Correctly spells , pronounces and reads words related to pitch frequency and volume	- Definition frequency pitch and volume of sound - Factors affecting pitch - How each factor affects pitch	- Giving the meaning of frequency pitch and volume - Stating factors affecting pitch	-Bigs and Small drums -Short and long strings -Empty and half full bottle of water	
		Matte rs and	Echo	- The learner - Describes the term echo	The learner	- Definition of echo - Causes of echo	- Definin g	-Empty	

		energ y		<ul style="list-style-type: none"> - States uses of echoes in nature - Outline disadvantage of echoes - Solves numbers related to echoes 	-Reads words and sentences related to echoes correctly	<ul style="list-style-type: none"> - Uses of echoes - Disadvantages of echoes - Minimizing echoes - Calculating numbers related to echoes 	echoes <ul style="list-style-type: none"> - Starting the uses of echoes - Solving question related to echoes 	classroom <ul style="list-style-type: none"> -Text books thick Curtains 	
			Storing and reproducing sound	<ul style="list-style-type: none"> - The learner - Identifies ways of storing sound - States devices used to store sound - Names devices used to reproduce sound 	The learner <ul style="list-style-type: none"> -Sings and reads soldas -Write words sentences and stories about storing and reproducing sound 	<ul style="list-style-type: none"> - Way of storing sound (reducing and writing) - Devices used to store sound - Devices used to reproduce sound 	<ul style="list-style-type: none"> - Observing devices used to store or reproduce sound. - Drawin g simple devices for storing or reproducing sound 	-CD -VCDs -Memory Card -ipods	
		Matte r and energ y	The human ear	<ul style="list-style-type: none"> - The learner - Names different parts of the human ear - Draws and labels the structure of the human ear - States the use of each part of the human ear. 	The learner <ul style="list-style-type: none"> -Names different parts of the human ear. 	<ul style="list-style-type: none"> - Parts of the human ear - Uses of part of the human ear. - General uses of the human ear - Names of organs of hearing in fish , 	<ul style="list-style-type: none"> - Drawin g the human ear - Naming parts of human ear 	-Text boks -Charts showing the human ear.	

				<ul style="list-style-type: none"> - Names the general uses of the human ear 	<ul style="list-style-type: none"> -Names organs of hearing in fish , snakes insects, amphibians birds. -Reads and writes words related to human ear correctly 	snakes , insects , birds , amphibians	<ul style="list-style-type: none"> - Labelling the human ear 	<ul style="list-style-type: none"> -Model of the human ear -Chart showing organs of hearing other in other animals 	
			Diseases and disorders of the human ear and caring for the human ear	<ul style="list-style-type: none"> - The learner - Names discuss and disorder of the human ear. - Discuss ways of caring for the human ear 	<ul style="list-style-type: none"> The learner -Spell , pronounces and reads diseases and disorder of the human ear correctly -Reads sentences and stories on how to care for the human ear 	<ul style="list-style-type: none"> - Diseases and disorders of the human ear - Ways of caring for the human ear 	<ul style="list-style-type: none"> - Pronouncing words - Reading stories - Discussing ways of caring for the human 	<ul style="list-style-type: none"> -Water -Soap -Cotton - ipods -Chart showing the human ear 	

		Alcohol, smoking and drug	Alcohol	<ul style="list-style-type: none"> - The learner - Describes the types of alcohol with examples - Demonstrates the methods of making alcohol - Identifies the uses of alcohol in society - Identifies the effects of alcohol to the society - Reasons for taking alcohol - Ways of avoiding alcoholism - Ugandan law related to alcohol taking 	<p>The learners</p> <ul style="list-style-type: none"> -Names the types of alcohol -Spells out words correctly -Names the methods of making alcohol -Names the effects of alcohol -Identifies the reasons for taking alcohol -Names ways of avoiding alcohol 	<ul style="list-style-type: none"> - Definition - Method of making alcohol. - Types of alcohol with examples - Uses of alcohol - Effects of alcohol to the society. - Reasons for taking alcohol - Methods of avoiding alcoholism - Laws related to alcohol taking in Uganda 	<ul style="list-style-type: none"> - Drawing - Observing the methods of making alcohol. - Observing the types of alcohol - Demonstrate the effects by dramatizing - Act dialogue on alcohol 		
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					-Recites the laws related to alcohol taking in Uganda				
			Smoking	<ul style="list-style-type: none"> - The learner - Names types of smoking - Identifies reasons why people smoke - Demonstrate the effects of smoking to the society - Ways of avoiding smoking 	<p>The learner</p> <ul style="list-style-type: none"> -Names the types of smoking -Spells the words correctly -Reads and writes sentences related to smoking 	<ul style="list-style-type: none"> - Definition - Types of smoking <p>Reasons for smoking</p> <ul style="list-style-type: none"> -Effect of smoking to individuals families and societies - -Ways of avoiding smoking 	<ul style="list-style-type: none"> - Drawin g poster - Readin g and writing sentenc es - Demon strates of smokin g by dramati sing 		
			Drugs	<ul style="list-style-type: none"> - The learner - Identifies the characteristics of both laboratory and traditional drugs - Names example of laboratory and traditional made drug - Describes essential drugs with examples 	<p>The learner,</p> <ul style="list-style-type: none"> -Names characteristi cs of drugs. -Describes essential drugs and 	<ul style="list-style-type: none"> - Characteristics of laboratory / traditionally made drugs. - Examples of drugs - Essential drug with examples - Drug prescription - Methods advantages of storing drugs 	<ul style="list-style-type: none"> - Readin g and writing sentenc es related to drugs. - Observi ng 		

				<ul style="list-style-type: none"> - Drugs with example - Drug prescription. - Describe ways of storing drugs and the purpose. - Describes drug abuse and misuse 	<p>names examples</p> <p>-Describes drug prescription</p> <p>- Demonstrati on ways of storing drugs</p> <p>-</p> <p>-Defines drug abuse / misuses and their effects</p>	<ul style="list-style-type: none"> - Definition for drug misuse abuse and their effects. 	proper storage of drug.		
			Drugs dependency	<ul style="list-style-type: none"> - The learner - Names common drugs of dependency - Names the reasons for abusing drugs - Identifies the effects of drugs of dependency to individuals families and society - Identifies ways of avoiding drugs of dependency 	<p>The learner</p> <p>-Names common drug</p> <p>-Names the reasons why reasons why people drink abuse drugs</p> <p>-Names the effects of drug abuse</p> <p>-Names the</p>	<ul style="list-style-type: none"> - Definition - Reasons why people abuse drugs - Effects of drugs of dependence - Ways of avoiding drugs of dependence 	-		

					effects of drugs of dependence to a society				
		Human body	Circulatory system	<ul style="list-style-type: none"> - The learner Describes blood circulation - Mentions the components of the circulatory system - Describe the structure of the heart , uses of each part and the function of the heart 	<p>The learner</p> <ul style="list-style-type: none"> -Describe blood circulation -Names components of the circulatory system -Spells , pronounces and writes words related to heart correctly 	<ul style="list-style-type: none"> - Definition of blood circulation - Components of the circulatory system - The structure of the heart - Function of the heart - Uses of each part of the heart 	<ul style="list-style-type: none"> - Observing a model of the heart - Drawing the human heart - Labeling parts of the human correctly 	<ul style="list-style-type: none"> -Model of the heart -Chart showing the heart -Textbooks 	<p>Bk 6 Pg</p> <p>Founda in Bk6 Pgc omp rPri SciB k 6 pag e</p> <p>Intro to Bio Pg 93</p>
			How the heart works and double circulation	<ul style="list-style-type: none"> - The learner Describes how the heart works - Describes double circulation 	<p>The learner</p> <ul style="list-style-type: none"> -Describe how blood moves through the heart -Describes 	<ul style="list-style-type: none"> - How the heart work. - Definition of double circulation - Diagram showing double circulation - Use of parts related to double circulation 	<ul style="list-style-type: none"> - Describing how the heart works - Drawing the diagram showing 	<ul style="list-style-type: none"> -Model of the heart -Chart showing double circulation 	<p>Intro to Bio Pg 95 and 99</p>

					double circulation -Spells, pronounces and writes words related to double circulation correctly		g double circulation - Labelin g parts related to double circulation	-Textbooks	MK BK 6 Pg foun tain BK 6 Pg
		Human body	Blood groups and diseases and disorder of the circulatory system	<ul style="list-style-type: none"> - The learner - Describes blood group - Identifies the universal donor and recipient - Names diseases and disorders of the circulatory system - Groups hereditary diseases alone 	<p>The learner</p> <ul style="list-style-type: none"> -Reads words related to the blood groups -Spells, pronounces , writes and reads diseases and disorder and disorders correctly 	<ul style="list-style-type: none"> - Types of blood group - Differentiating a blood donor from a recipient - Diseases and disorders of the circulatory system - Hereditary diseases of the circulatory system 	<ul style="list-style-type: none"> - Listing blood groups - Naming disease s and disorde rs of the circulat ory system - Identify ing compo nents of blood affecte d by some disease s 	<p>-Text books</p> <p>-Charts</p>	

			Maintenance of the proper working of the circulatory system	<ul style="list-style-type: none"> - The learner, - Suggest ways of keeping the circulatory system in a proper working order. - Describes ways of increasing the volume of blood in the body. - List advantages of regular body exercises to the circulatory system 	<p>The learner</p> <ul style="list-style-type: none"> -Explains ways of increasing the volume of blood in the blood in the body -Discusses effects of HIV / AIDS on an individual , family and the community -Writes and reads PIASCY messages. 	<ul style="list-style-type: none"> - Effects of HIV / AIDS on an individual family and community -Ways of keeping the circulatory system in a proper working order. -Ways of increasing the volume of blood in the body. -Advantages of regular body exercises. 	<ul style="list-style-type: none"> - Discussing effects of HIV / AIDS on an individual family and community - Orange s - Water melons - Water 		
		Human body	Blood vessel	<ul style="list-style-type: none"> - The learner - Describes what blood vessels are - Identifies types of blood vessels - Describes functions of each blood vessel - Compares veins and arteries in structure and functions 	<p>The learner</p> <ul style="list-style-type: none"> -Names blood vessels -Reads words sentences and stories about blood vessels 	<ul style="list-style-type: none"> - Definition of blood vessels - Types of blood vessel - Functions of:- - Veins - Arteries - Capillaries - Diagrams of veins , arteries and capillaries - Structural functional 	<ul style="list-style-type: none"> - Naming blood vessels - Giving uses of each blood vessel - Drawing diagram of 	<ul style="list-style-type: none"> -Chart showing blood vessel -Text books -Straws -Pieces of cylindrical 	

						differences between veins and arteries	blood vessel	objects	
			Blood	<ul style="list-style-type: none"> - The learner - Describes blood - Identifies types of blood - Names components of blood - Describes uses of each component of blood. - Identifies the general uses of blood - Groups the uses of blood into transport , protective and regulatory uses. 	<p>The learner</p> <ul style="list-style-type: none"> -Spells pronounces and reads words correctly -Writes and reads stories about uses of blood. 	<ul style="list-style-type: none"> - Definition of blood - Types of blood (Oxygenated and Deoxenated) - Components of blood. - Uses of each component - Uses of blood - Transport - Functions - Protective functions - Regulatory functions 	<ul style="list-style-type: none"> - Naming types of blood and its compo nents - Giving uses of plasma , platelet s, white blood cells and red blood cells - Suggesting general functions of blood. 	Text books	

TERM II

		The world of living things	Classification of plants	<ul style="list-style-type: none"> - The learner classifies plant in to flowering and non flowering plants names parts of a flowering 	<p>The learner names classes of plants</p> <p>-Describes flowering plants</p>	<ul style="list-style-type: none"> - Flowering plants - Defines flowering plants are plants which bear flowers and reproduce by means of seeds. - Structure of a flowering plant - Leaves , flower , stems , fruits, seeds, roots function of each part. 	<ul style="list-style-type: none"> - Observing different flowering plants - Drawing and naming parts of a plant - States functions of each part 	<p>-A flowering plant.</p> <p>-A chart showing a flowering plant</p>	<p>Fountain integrated SciBk 6</p> <p>Pg 162</p>
			Roots	<ul style="list-style-type: none"> - Learners draws different types of roots - Gives examples of plants with such roots 	<p>Learners outlines functions of roots to a plant</p> <p>-Names different types of roots</p>	<p>Roots</p> <ul style="list-style-type: none"> - Functions of roots to plants uses of roots to animals <p>Types of roots</p> <ul style="list-style-type: none"> - Primary roots - Tap roots - Fibrous roots - Secondary roots - Adventitious roots - Clasping roots - Prop roots - Buttress roots - Storage root 	<ul style="list-style-type: none"> - Sorting samples of roots - Drawing roots - Naming 	<p>-Different roots</p> <p>-Charts showing roots</p>	

		The world of living things	Classification of plants (stem)	<ul style="list-style-type: none"> - Learner classifies plants into groups of flowering and non flowering plants - Functions of stems 	<ul style="list-style-type: none"> - The learner names the functions of stems - Spells scientific words correctly acts out a dialogue about types of stems. 	<ul style="list-style-type: none"> - Stems - Functions of stems - Types of stems - Upright stems (erect) stems - Under ground stems - Stem tubers - Rhizomes - Bulbs - Corns - Examples of each 	<ul style="list-style-type: none"> - Drawing stems - Naming stem 	<ul style="list-style-type: none"> - Onions - Ginger - Different stems 	Fountain integrated SciB kPg 166
			Leaves	<ul style="list-style-type: none"> - The learner names the parts of a leaf - Describes the functions of leaves - Uses - Characteristics to prepare simple classification of leaves 	<ul style="list-style-type: none"> - The learner writes words about parts of leaves - Draws and labels parts of a leaf. - The learner writes words about parts of leaves - Reads words and sentences , stories about leaves 	<ul style="list-style-type: none"> - Leaves - Parts of a leaf - Functions of leaves - Leaf venation - Net work leaf venation - Parallel leaf venation - Types of leaves - Compound leaves - Simple leaves - Examples of two types of leaves 	<ul style="list-style-type: none"> - Drawing leaves - Naming leaves - Collecting leaves from environment 	<ul style="list-style-type: none"> - Real leaves - Chart showing leaves 	Fountain integrated sci BK 6 Pg 168 - 171
			Photosynthesis	<ul style="list-style-type: none"> - The learner - Describes photosynthesis - Names the conditions and 	<ul style="list-style-type: none"> - Writes description of 	<ul style="list-style-type: none"> - Photosynthesis - Dfn: - Requirements 	<ul style="list-style-type: none"> - Carry out experi 	<ul style="list-style-type: none"> - Iodine solution - Cassava 	Fountain

				raw materials for plant to carry out photosynthesis	photosynthesis - Spells and writes words about photosynthesis	- Raw materials - Conditions - By products - How leaves are adapted to photosynthesis - Testing for starch	ment to test for starch	- Potato leaves	n integrated Sci BK 6 Pg 171 - 173
			Transpiration	- The learner - Describes transpiration - Name the importance of transpiration to plants	- The learner - Reads words, sentences and stories about transpiration	- Transpiration - Dfn: - Importance of transpiration - Factors which affects the rate of transpiration - Temperature - Water supply - Humidity - Speed of wind - Surface area of a leaf.	- Carrying out an experiment to test transpiration in the plants environment	- Polythene paper - Rubber band - Plant	
			Flowers	- Learner draws the flower - They name the parts of the flower	Dfn - Pistil - Stamen - Ovules - Corolla - Calyx	- Flowers - Dfn - Structure of a flower - Reproductive parts of a flower Uses of flowers to - Man - Plants	- Drawing - Naming parts of a flower	- A chart showing a flower - A flower	Fountain integrated Sci BK 6 Pg

									176
			Pollination and fertilization	<ul style="list-style-type: none"> - The learner Defines the term pollination - Lists down agents of pollination mentions types of pollination - Explains the characteristics of - Wind and insect pollinated flower - Describes the process of fertilisation 	<ul style="list-style-type: none"> - The learner Defines - Pollination - Describes agents of pollination - Reads words and stories about pollination 	<ul style="list-style-type: none"> - Pollination and fertilization - Definition of pollination - Agent of pollination - Wind - Insects - Birds - Water - Types of pollination - Self pollination - Definition - Characteristics of cross pollinated flowers - Characteristics of wind pollinated flowers. - Fertilization 	<ul style="list-style-type: none"> - Describes - Characteristics of wind and insect pollinated flowers - Uses characteristics to classify different types of pollination 	<ul style="list-style-type: none"> - Flowers 	Tropical Bio Intro to Bio MK SciBk 6 Comprehensive SciBk 6 Fountain integrated SciBk 6 Pg1

									65
			Fruits	<ul style="list-style-type: none"> - The learner - Defines a fruits - Mentions types of fruits - Gives and identify types of fruits 	<ul style="list-style-type: none"> - The learner names types of fruits - Characteristics of each type 	<ul style="list-style-type: none"> - Definition - Characteristics of fruits - Types of fruits - Succulent fruits 	<ul style="list-style-type: none"> - Drawing fruits and naming different parts classifying - Drupes - Dehiscent fruits - Characteristics of each types and example importance of fruits 	<ul style="list-style-type: none"> - Fruits and seeds - Grounding fruits 	
			Seed dispersal	<ul style="list-style-type: none"> - The learner - Describes seed dispersal - Identifies agents of dispersal - Names the characteristics of seeds dispersed by various 	<ul style="list-style-type: none"> - The learner - Reads words, sentences and stories about seed dispersal - States the ways seeds are dispersed - State the characteristics 	Seed dispersal Dfn <ul style="list-style-type: none"> - Seed dispersal - Importance of seed dispersal eg. - Water - Wind - Animals - Self dispersal - Characteristics of seeds dispersed 	<ul style="list-style-type: none"> - Observe different plants in the environment - Carrying out a simple study to identify different 	<ul style="list-style-type: none"> - Seeds - Charts - Text books 	

					tics of the various seeds	by - Water - Wind - Animals - Self dispersal	t seeds - Describ ing method s of seed dispers al		
			Plant propagati on	<ul style="list-style-type: none"> - The learner describes plants propagation - Identifies methods of plant propagation - Participates in propagation of some plants 	<ul style="list-style-type: none"> - The learner writes words about propagation - Reads words sentences and stories about propagation 	<ul style="list-style-type: none"> - Meaning of propagation - Methods of plants propagation - By seeds - By vegetative propagation seeds - A seed is a mature ovule - Groups of seeds - Monocotyledonous seeds - Monocotyledonous 	<ul style="list-style-type: none"> - Observe different seeds - Carrying out experiment planting seeds - Identifying characteristics of monocots and dicots 	<ul style="list-style-type: none"> - Stems - Bulbs - Seeds - Old tins - Growing plants 	Fountain inter grated SciBk 6 Pg 67 Sup ple men tary SciS td 8 MK
			Germinati on	<ul style="list-style-type: none"> - The learner describes germination - Names the requirements of seed germination - Identify types of seed germination 	<ul style="list-style-type: none"> - The learner writes simple words about germination - Reads 	Germination Dfn - Types of germination - Epigeal germination	<ul style="list-style-type: none"> - Planting different seeds and observing them 	<ul style="list-style-type: none"> - Germinating seeds 	

					<p>words sentences and stories about seed germination</p> <p>- Draw and labels different methods of plant propagation</p>	<p>- Hypogeal germination</p> <p>- Epigeal germination</p> <p>- Meaning of epigeal seeds which under go epigeal.</p> <p>Hypogeal</p> <p>- Examples of seeds which undergo hypogeal germination conditions for germination. Moisture , oxygen , warmth</p> <p>- Differentiate monocots and dicots</p>	- Caring for the plants		
			Propagation	<p>- Describes plant propagation defines propagation correctly</p> <p>- Identify types of propagation</p>	<p>- Writes simple description of some common plants</p>	<p>- Types of vegetative propagation</p> <p>- Natural</p> <p>- Artificial</p> <p>- Natural / vegetative propagation</p> <p>- Uses of rhizomes leaves , seeds , corn , stem, tubers , suckers methods of artificial vegetative propagation</p> <p>- Stem cutting grafting , layering</p>	- Planting various crops	<p>- Seeds</p> <p>- Leaves</p> <p>- Stems</p> <p>- Sucker etc</p>	

						<ul style="list-style-type: none"> - Budding marcotting - Advantages of vegetative propagation - Importance of plants 			
			Non – flowering plants	<ul style="list-style-type: none"> - The learner names examples of non – flowering plants - Uses characteristics to prepare simple classification of non – flowering plants 	<ul style="list-style-type: none"> - Describe non flowering plants - Read words about non – flowering plants - Draw and label non – flowering plants 	<ul style="list-style-type: none"> - Dfn of non – flowering plants - Spore producing plants - Ferns , mosses , liver worts - Reasons why regarded as plants - Have simple leaves , stems and roots - Structure of each - Conifers produced by means of seeds by do not bear flowers Examples - Pine , cederfir, podo , gingko - Economic uses of conifers and general uses 	<ul style="list-style-type: none"> - Discuss ing about non – floweri ng plants - Observi ng non – floweri ng plants - Discuss ing exampl e of non – floweri ng plants 	<ul style="list-style-type: none"> - Mosses - Ferns - Fungi - Mushrooms - Charts 	
		Sci in Human activities and	Keeping cattle	<ul style="list-style-type: none"> - The learner - Identifies the different reasons for keeping cattle - Identifies the different breeds of cattle - Names the characteristics of each breed 	<ul style="list-style-type: none"> - The learner names the reasons for keeping cattle - Names the different 	<ul style="list-style-type: none"> - Cattle - Dfn - Reasons for keeping cattle - External features of a cow - Breeds of cattle 	<ul style="list-style-type: none"> - Observ e differen t types of cattle types of 	<ul style="list-style-type: none"> - Real cattle 	

		occup ation		<ul style="list-style-type: none"> - Identifies the difference between the different breeds - Mention the advantages and disadvantages of each breed 	breeds of cattle <ul style="list-style-type: none"> - Acts out advantages about and disadvantages of exotic and local breeds. 	<ul style="list-style-type: none"> - Local / indigenous cattle - Exotic breed - Characteristics of each breed differences between breeds of cattle (Local and exotic) - Advantages of local breeds over breeds. - Advantages of exotic breeds over local breeds 	cattle on a farm <ul style="list-style-type: none"> - Discussing different breeds of cattle - Attending operation of cattle on a farm names , care feeding and their diseases 		
			Types of cattle	<ul style="list-style-type: none"> - The learner identifies the different breeds of cattle - Identifies different breeds of cattle 	<ul style="list-style-type: none"> - The learners acts out dialogue about external features of a bull and a cow 	<ul style="list-style-type: none"> - Types of cattle - Dairy cattle - Beef cattle - Dual purpose cattle - Work type of cattle characteristics , shape and example of each breed 	<ul style="list-style-type: none"> - Drawing different types / shapes of cattle 	<ul style="list-style-type: none"> - Real cattle - Charts showing cattle 	

						- Difference between dairy and beef cattle			
			Reproduction in cattle	<ul style="list-style-type: none"> - The learner - Reads words sentences and stories about mating , insemination , artificial insemination 	<ul style="list-style-type: none"> - The reproductive organs a)Female b) Male reproductive organ. <p>Parts and functions</p> <p>Reproduction in cattle</p> <ul style="list-style-type: none"> - Heat in cattle - Mating in cattle. a)Pasture mating b)Hand mating - Insemination Advantage 	- Naming different parts of the reproductive system.	<ul style="list-style-type: none"> - Charts - Text books 	-	

					s and disadvantages of each type of insemination				
			Calf management	<ul style="list-style-type: none"> - Learner - States different ways of animal , identification 	<ul style="list-style-type: none"> - Reads words sentences and stories about mating gestation period and calving in cattle. 	<ul style="list-style-type: none"> - Calf management - Feeding <ul style="list-style-type: none"> a) Colostrums and its advantages b) Farm practices eg numbering , dehorning , disbudding , castration , deworming , spraying , dipping and removal of extra teats 	<ul style="list-style-type: none"> - Discussing ways of identifying animals 	<ul style="list-style-type: none"> - A farm (real life situation) 	
			Breeding in cattle	<ul style="list-style-type: none"> - Gives examples of breeds of cattle 	<ul style="list-style-type: none"> - Dfn - Different types of breeding 	Breeding in cattle Types of breeding <ul style="list-style-type: none"> - Inbreeding - Cross breeding - Out breeding - Line breeding 	<ul style="list-style-type: none"> - Stating example of breeds of cattle 	<ul style="list-style-type: none"> - A farm 	-do-
			Cattle management	List different systems of grazing cattle	<ul style="list-style-type: none"> - Acts a dialogue about systems of grazing cattle 	<ul style="list-style-type: none"> - Cattle management (cave) - Feeding <ul style="list-style-type: none"> a)Types of feeds b) Systems of 	<ul style="list-style-type: none"> - Drawin g the digestive system of a cow 	<ul style="list-style-type: none"> - A chart showing the digestive system of a cow 	

						grazing cattle c)Tettering d)Strip grazing e) Herding (free range) f) Digestive system of a cow			
			Cattle management	- The learner - Describes making process - Names more products	- The learner - Reads words about mating gestation period and calving	- Housing a) Importantce of housing cattle b)Types of cattle houses. Fence Importance of fencing b)Types of fences	- Observi ng differen t milking process - Listing types of fences , stating importa nces of housing cattle	- A farm	Fou ntai n Inter grat edS ci BK 6 Pg 67 - 76
			Cattle products	- The learner - States methods of pursing cattle products (Milk , meat, hides)	- The learner - Acts out a dialogue on how milking is done	- Milk and milk products - Measuring of milking - Methods of milking a)Handing milking b)Machine milking	- Listing cattle product s - Stating method s of preserv ation of	- Real milk products	

						<p>preservation of milk products</p> <p>importance of lactometer and strip cup</p> <p>Other cattle products</p> <ul style="list-style-type: none"> - Beef – cow during and urine - Horns blood hooves - Preservation of beef - Preparation of hides - Wet - salting - Suspension drying - Marketing cattle products 	cattle products		
			Cattle parasites and diseases	<ul style="list-style-type: none"> - Identify and name the different diseases of cattle. - Describes the causes signs and symptoms cattle diseases - Mention the prevention control and treatment of the cattle diseases 	<ul style="list-style-type: none"> - Names the diseases of cattle according to causes - Acts out a dialogue about cattle diseases - Spell the diseases of cattle and write them correctly 	<ul style="list-style-type: none"> - Cattle diseases according to their causes (organisms) a) Bacterial diseases b) Vibrio diseases <p>signs of sickness in animals.</p> <ul style="list-style-type: none"> - Transmission - Signs of good health in animals - Cattle diseases a) Protozoa diseases 	<ul style="list-style-type: none"> - Preparing a visit to a farm to write up on cattle diseases. - Discussing ways of stating alive stock farm 	<ul style="list-style-type: none"> - A farm - Pictures of cattle 	

						eg East coast fever (ECF) - Anaplasmosis - Heart water - Trypanosomiasis Signs of the above and diseases - Symptoms of diseases prevention, control and treatment b) Bacterial diseases - Anthrax - Brucellosis - Calf scour etc	- Carrying out activities which care and protect domestic animal		
			Cattle diseases	- Identify the cattle diseases caused by virus - Spell and write the diseases - Name the cattle diseases caused by parasites. - Identify and state ways of control	- Reads words stories and sentences about cattle diseases - Name and correctly spell the cattle diseases - Write words about cattle diseases	- Viral diseases - Foot and mouth disease - Rinder pest other cattle diseases - Milk fever bloat - Mode of transmission Signs of the disease - Symptoms of the disease - Prevention and control of each disease	- Visiting a farm and identifying the sick animals	- Real cattle	

					<ul style="list-style-type: none"> - Act out a dialogue about cattle diseases 	Cattle parasites <ul style="list-style-type: none"> - Meaning of cattle parasites - Dangers of cattle parasites Types of parasites <ul style="list-style-type: none"> - Ways of controlling different parasites - Farm records - Meaning, importance and types of farm records 			
			Record keeping	<ul style="list-style-type: none"> - The learner describes the records kept on a farm - Identify the importance of the farm records 	<ul style="list-style-type: none"> - Name different records kept on a farm 	<ul style="list-style-type: none"> - Types of records - Health, labour, records, marking records, field records, filed records, inventories, dairy recorded - Meaning of each of the above records. - Reasons for keeping such a record on alive stock 	<ul style="list-style-type: none"> - Stating the importance of various records 	<ul style="list-style-type: none"> - Charts pupils text books 	
			Name the requirements for starting live stock	<ul style="list-style-type: none"> - Acts a dialogue on how to start a farm 	<ul style="list-style-type: none"> - Requirements of starting alive stock farm - Factors to consider 	<ul style="list-style-type: none"> - Discussion on ways of starting a farm 	<ul style="list-style-type: none"> - 	<ul style="list-style-type: none"> - 	

			farm		before starting alive stock farm - Land , labour , capital ready market , manage nt t , machinery etc - Meaning of each and importance - How some of the above can be obtained				
		The enviro nment	Resource s in the environm ent	- The learner - Identifies resources from living and non living things - Lists different types of rocks	- The learner - Names resources - Describes living and non living things as resources	- Resources - Dfn - Ways of getting resources - Resources from non – living things such as soil , water , air and wind, sun , rock and minerals. - Types of rocks. - Igneous rocks - Metamorphic rocks - Sedimentary rocks - Fossils and uses	- Observi ng things around us which are useful resourc e - Discusi ng ways of proper harvesti ng of	- Observin g different rocks	

						<ul style="list-style-type: none"> - Importances of rocks - Alloys and reasons for making them - Examples of alloys - Manganese steel - Nick steel - Stain less steel - Cabalt steel 	resourc e		
			Mentions resources got from plants and animals	<ul style="list-style-type: none"> - Names different fuels 	<ul style="list-style-type: none"> - Fuels - Charcoal , fire wood, oil coal , resource from living things - Plants eg medicine , food , fibres - Animals eg wool , silk , food , honey , horns etc - Animals also used to do work eg carrying ploughing transport 	<ul style="list-style-type: none"> - Discussing uses of different fuels 	<ul style="list-style-type: none"> - Charcoal - Firewood - Oil 	-	
			Conservation of resources	<ul style="list-style-type: none"> - The learner participates in different ways of conserving environment 	<ul style="list-style-type: none"> - Writes ways of caring from animal resources 	<ul style="list-style-type: none"> - Conservation meaning of conservation - Reasons for conservation - Once over used 	<ul style="list-style-type: none"> - Discussing ways of caring and conserv 	-	

						<p>resources become extinct or endangered</p> <ul style="list-style-type: none"> - For future generations to see - Protect the environment - Non renewable resources by using 3R's. 	<p>ing resource</p> <ul style="list-style-type: none"> - Practical preparing campaign message for sustainable use of resource 		
				-	-	<ul style="list-style-type: none"> - Reducing , rejecting , recycling - B) conservation of renewable resources - Replacing the used ones - Reserving natural vegetation - Use of wind lie conservation 	-	-	
			Harvestin g of resources	- Outlines ways of controlling degradation of resources	- Gives different methods of harvesting resources	<ul style="list-style-type: none"> - Harvesting of resources - Meaning of the term harvesting - Proper harvesting and using of resources - Importance of harvesting 	<ul style="list-style-type: none"> - Find out from community how people use the availabl 	-	

							e resourc e		
			The human body	- Respiratory system	- The learner - Names respiratory organs	- Respiratory system - Meaning of respiration - Products of respiration - Respiration organs - Breathing - Types of breathing - Respiratory system.	- Observing models of respiratory organs - Carrying out an experiment to illustrate breathing in and out.	-	
				- Demonstrates an experiment on human respiration	- Listens to stories about breathing and respiratory	- Functions of each part of the system - Nose - Epiglottis - Trachea - Bronchus - Lungs - Alveoli (Air Sacs) - Adaptabilities of air sacs	-	- Real lungs of a cow - Chart showing lungs	
			Diseases and disorders of the respirator	- Identities diseases and disorders of respiratory system	-	- Diseases of respiratory system infectious respiratory diseases - Tuberculosis	- Listing diseases of the respiratory system	- Real lungs - Chart showing lungs	

			y system			<ul style="list-style-type: none"> - Influliza - Diphtheria - Pneumonia - Whooping cough - Causes of each of the above disease - Prevention and control of each disease 			
		The human body	Diseases of the respiratory system	<ul style="list-style-type: none"> - Name the non infectious diseases - Identify the causes of respiratory diseases - Describes the conditions that lead to non infectiousrespiratoty diseases 	<ul style="list-style-type: none"> - Spells and writes words about non infectious diseases - Reading words, stories and sentences about non infectious respiratory diseases 	<ul style="list-style-type: none"> - Non – infections respiratory - Bronchitis - Emplhysema - Asthma - Lung cancer - Conditions that worsen the about disease - Disorders of the respiratory system - Choking - Ways of keeping the system in a healthy conditions - Regular physical body exercises - Routine medical check – ups - Avoiding smoking 	<ul style="list-style-type: none"> - Observing model of the respiratory organs - Carryin g out experi ment to illustrate breathi ng and out in relation to food and oxygen - Discuss ing disease s disorder s - Listenin 	-	

							g talks from resourc e persons		
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TERM III

		Science in human activities and occupation	Science at home and in our community	<ul style="list-style-type: none"> - Describes the preparation of drinking water - Identify the uses of water in our community - Participates in campaigns for preparation of safe water. - Define heat - Name the sources of heat - Identify the uses of heat 	<ul style="list-style-type: none"> - Write words and sentences about the preparation of water - Outlines the various methods of preparing safe water. - Read words and sentences about water and using energy in homes 	<ul style="list-style-type: none"> - Preparation of drinking water a) Uses of water in the community - Domestic use - Navigation - Recreation - Irrigation - Generation of HEP b) Methods of making water safe. Decantation - filtration - boiling - Chemical treatment - Using energy in homes - Definition of heat sources of heat eg fuels (wood , petrol , coal , drug , electricity , friction) 	<ul style="list-style-type: none"> - Carrying out experiments on different ways of preparing safe water. - Preparing clean water for drinking and washing - Discuss what makes water unsafe - Words and sentences about safe water. 	-	
				-	-	-	- Uses of heat	-	

							<ul style="list-style-type: none"> - Food preserv ation - Cookin g - Drying clothes - What wind is - Uses of wind - Sailing boats - Winno wing - Turning wind mills - What fermen tation is - Materia ls used in the process of fermen tation brewing in homes. 		
			Human health	<ul style="list-style-type: none"> - Housing - Standards - Sanitation 	<ul style="list-style-type: none"> - Identifies types of houses - Describes the 	<ul style="list-style-type: none"> - Names the types of houses - Describes the importance of housing 	<ul style="list-style-type: none"> - Importa nt of housing - Types of 	<ul style="list-style-type: none"> - Drawing different types of houses - Discussi 	

					importance of house proper ventilation site for a house.	<ul style="list-style-type: none"> - Recites rymes about sanitation - Reads words, sentences and stories about sanitation. - Writes words and sentences about sanitation 	houses - Importa nt of proper ventilat ion - Site for a house - Charact erizes of a good house - The meanin g of sanitati on	ng importan ces of housing , requirem ents of a clean home / house - Discuss different housing systems.	
				-	-	-	- Ways of maintai ning sanitati on - Constrc tion of latrines and toilets conside ring - Distanc e from kitchen - Distanc e from main house	-	

							<ul style="list-style-type: none"> - Digging rubbish pits - Draining stagnant water from the compound. - Latrine types of latrines <ul style="list-style-type: none"> a) Ordinary latrines ii) VIP latrines - Advantages of VIP over ordinary pit latrines 		
		Human health	Sanitation	<ul style="list-style-type: none"> - Identifies toilets, latrines and potty. - Names the types of latrine - Describes the importance of latrine / toilets 	<ul style="list-style-type: none"> - Names the types of latrines - Reads words sentences and stories 	<ul style="list-style-type: none"> - Maintaining VIP toilets - Structures / parts and functions - Maintain toilets - Problems of toilets 	<ul style="list-style-type: none"> - Drawing different types of latrines and 	-	

					about latrines	<ul style="list-style-type: none"> - Shortage of water supply - Blockage of sewage pipes 	labeling them <ul style="list-style-type: none"> - Cleaning latrines and toilets 		
		Human health	Accident and first aid	<ul style="list-style-type: none"> - Describes accidents and first aid - Name types of accidents - Describe the importance of first aid 	<ul style="list-style-type: none"> - Reads words , sentences and stories about accidents - Acts out a dialogue about accidents and first aid. 	<ul style="list-style-type: none"> - Accidents and first aid - The meaning of accidents , first aid , casualty, first aid kit. - Items found in a first aid box. - Qualities of a good first aider - Reasons for giving first aid. - Types of accidents - Burn and scald - Fever and convulsion - Near drawing - Fainting - Foreign bodies - The meaning of poisoning - Causes of accidents and first aid - Prevention and control of each type. 	<ul style="list-style-type: none"> - Talking from a resource person (first aider) - Discussing the causes , prevention and first aid for fever and other types of accidents - Discuss the different safety precautions 	-	
		Human	The reproduct	<ul style="list-style-type: none"> - The learner - Describes growth and development in human 	<ul style="list-style-type: none"> - Describes growth and developme 	Meaning of terms <ul style="list-style-type: none"> - Growth , 	<ul style="list-style-type: none"> - Making observation of 	-	

		body	ive system Growth developm ent adolesce nce puberty	beings - Identify the primary and secondary characteristic - Describes social , psychological and emotional changes during adolescence	nt - Reads words, sentences and stories about puberty adolescenc e and care for the reproductiv e organs - Recites rymes about primary and secondary characteris tic dialogue about problems in adolescenc e	development m reproduction, adolescence and puberty - Primary se characteristics - Meaning - Primary sex characteristics in boys - Primary sex characteristics in girls Secondary sex characteristics Meaning - Secondary sex characteristics in girls only	their own to identify growth and develop ment - Discuss ing social and emotio nal change s - Observi ng modes of reprodu ctive organs.		
				-	-	-	- Psychol ogical and emotio nal change s during adolesc ence - Meanin g	-	

							- Examples of psychological and emotional changes during adolescence		
		The human body growth, development and reproduction	Out of step adolescent changes	<ul style="list-style-type: none"> - Learners - States out - Steps changes - Gives problems faced by adolescents 	<ul style="list-style-type: none"> - Learner - Carry out a dialogue about abortion - Miscarriages - Rape - Arson 	Out of step adolescent changes <ul style="list-style-type: none"> - Meaning - Examples of out of step adolescent changes - Problems faced by adolescents 	<ul style="list-style-type: none"> - Discussing problems faced by adolescent 		
			Reproduction	<ul style="list-style-type: none"> - States types of reproduction - Name parts of male and female reproductive organs 	<ul style="list-style-type: none"> - Reads words, sentences and stories about reproduction - Writes about male and female reproduction 	<ul style="list-style-type: none"> - Meaning of reproduction - Types of reproduction - Sexual reproduction - Examples of sexual reproduction - Vegetative propagation 	<ul style="list-style-type: none"> - Naming organs of reproductive organs - Drawing reproductive organs. 		

					n organs	<ul style="list-style-type: none"> - Natural propagation - Artificial vegetative propagation 			
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