



SCIENCE SCHEME OF WORK FOR PRIMARY SIX TERM I

WK	PD	THEME	SUB-TOPIC	SUBJECT COMPETENCES	COMPETENCES		Suggested activities	REF	RMKS
					LANGUAGE	CONTENT			
	1	The world of living things	Classification of living things	<p>The learner</p> <ul style="list-style-type: none"> -Classifies livingthings into kingdoms. -Describes the characteristics of living things 	<p>The learner,</p> <ul style="list-style-type: none"> -Names the kingdoms of living things -Spells out words correctly 	<ul style="list-style-type: none"> - Characteristics of living things - Kingdoms of living things - Animals kingdom. - Plant kingdom - Bacteria kingdom - Protocista (Single celled organism) - Fungi kingdom 	<ul style="list-style-type: none"> - Observing characteristics of living things - Identifying the kingdom of living things 	<p>Intergrated Sc P/s BK 6 Pg _____</p> <p>Fountain Sc P/s Bk 6 Pg _</p> <p>Comprehensions Sc P/s BK 6</p>	

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2	Animal Kingdom	The learner, -Classifies animal kingdom into vertebrates -Learners gives examples of vertebrates and invertebrates	The learner -Names classes of animals -Spells out words correctly	Classes of animals kingdom -vertebrates -invertebrates -Give examples in each case	- Identifying classes of animals - Describing examples of classes of animal kingdom	- Integrate d Sc P/s Bk 6 - Fountain Sc P/s BK 6 - Comprehensive Sc P/s Bk 6	- Spot light integrated sci P/s Bk6 - Understanding	
3		Vertebrates	The learner, -Names groups of vertebrates -Spells out words correctly -Reads words sentences and stories about vertebrates	The learners -Classifies the groups of vertebrates into warm blooded and cold blooded. -Gives examples of groups of vertebrates -Describes the mode of	-Definition. -Groups of vertebrates i)Warm blooded (Homoioleemic) ii)Cold blooded (poikilothermic) examples of warm blooded -Birds -Mammals	- Observing groups of vertebrates - Spelling words related to vertebrates - Reading words and sentences related to vertebrates		

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					reproduction in vertebrates.	Examples of cold 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	- The learners, - Identifies the characteristics of mammals - Describes different groups of mammals	The learner -Names groups of mammals.	- Definition - Characteristics of mammals - Groups of mammals	- Observing groups of mammal		

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				<ul style="list-style-type: none"> - Identifies the characteristic features of each group of mammals - Gives examples of groups of mammals 	<ul style="list-style-type: none"> -Spells out words related to mammals correctly -Act out the dialogue about groups of mammals 	<ul style="list-style-type: none"> - Characterizes of each group and examples 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> The learner -Names groups of birds -Spells out word related to birds correctly -Act dialogue about groups of birds 	<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 - A 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 correctly 		
			Cold blooded (poikilothermic 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 	<ul style="list-style-type: none"> The learner -Names groups of cold blooded animals -Reads words related to cold 	<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"> - Observing groups of cold blooded animals - Spelling out words correctly - Reading words 		

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					blooded correctly -Spell out words correctly		and sentences correctly		
			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 -Spells, pronounces words correctly 	<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"> - Observing group of reptiles - Spelling, pronouncing and reading words correctly - Describing mode of reproduction - Drawing 		
			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 	<ul style="list-style-type: none"> - Characteristics of snakes - 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. 		

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					sentences correctly about snakes		- 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 - Describes the mode of reproduction in such reptiles 	<ul style="list-style-type: none"> -The learner, -Names the groups of such reptiles -Spells out words correctly 	<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 words and sentences about the groups of reptiles - Drawing 		
			Lizards	<ul style="list-style-type: none"> - The learners - Describes the groups of lizard - Describes their mode of reproduction , feeding and protective / defence mechanism 	<ul style="list-style-type: none"> The learner -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 - Drawing 		
			Crocodiles 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 	<ul style="list-style-type: none"> - Characteristics - Importances to the environment - Their feeding / reproduction and defensive mechanisms 	<ul style="list-style-type: none"> - Observing characteristics of crocodile and alligators - Read and 		

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					-Spells out the words		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 about amphibians -Reads words related to amphibians correctly 	<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 amphibians - Preparing a simple differentiation table for a fish and a frog 		

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							- 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 coelenterates, 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 <ul style="list-style-type: none"> - Coelenterates - Echinoderms 	<ul style="list-style-type: none"> - Observing diagrams of coelenterates , echinoderms and sponges - Drawing diagrams of coelenterates echinoderms and sponges 	Fountain BK 6 Pg	
								MK Bk 6 Pg	

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								Compr Pri Scie Bk 6 PG	
			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 	<p>The learners</p> <ul style="list-style-type: none"> -Names the group of arthropods -Spells out words related to arthropods 	<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 		

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				- Identify the importance of insects to man and environment	-Reads and writes sentences on arthropod		arthropods - Reading and writing sentences		
		The world of living things	Protocista kingdom (single celled organisms)	- The learners - Identifies characteristics of organism under protocista kingdom - Names organism under protocista kingdom	The learners -Spells , pronounces and reads words related to protocista kingdom correctly	- Characteristics of organisms under protocista kingdom - Examples of organism under protocista kingdom (Algae , euglena protozoa)	- Charts showing algae , euglena and protozoa	Observing diagram of algae, euglena and protozoa -Spelling words	
			Algae , protozoa and Euglena	- 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	- 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	- Observing diagrams - Diagram and labeling diagram - Describing how amoeba and paramecium move and reproduce	Su ppl em ent ary Sci Pg 12 6 Intr o to Bio Pg 17 4 - 17 5

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				-		- Care for and protection of 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 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 	<p>Mk Bk 6 Pg</p> <p>Int egr ate d Sci Bk 6 Pg</p>
		How living things makes 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"> - Identifying different sounds if different objects - Calculate numbers on sound in air 	<ul style="list-style-type: none"> Real insects -Drums -Desks Text books -Tins -Threads 	<p>Mk BK Pg</p> <p>Int egr ate d Sci Bk 6</p>

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		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 instruments -Writes spells , Pronounces and reads words correctly -Writes words sentences and stories about music instrument 	<ul style="list-style-type: none"> - Groups of music instruments - Examples under each group - Diagrams of simple music instruments - How each group produce sound - How to change the pitch of each music instrument 	<ul style="list-style-type: none"> - Classifyin g music instrume nts - Drawing and naming simple music instrume nt 	<ul style="list-style-type: none"> -Drums -Bottle -Water -Ropes -Rubber -Bands -Shakers 	
			Pitch frequency and volume	<ul style="list-style-type: none"> - The learner -Describes pitch , frequency and volume of sound -Describes factors affecting pitch 	<p>The learner</p> <ul style="list-style-type: none"> -Describes factors affecting pitch -Correctly spells , pronounces and reads words 	<ul style="list-style-type: none"> - Definition frequency pitch and volume of sound - Factors affecting pitch - How each factor affects pitch 	<ul style="list-style-type: none"> - Giving the meaning of frequenc y pitch and volume - Stating factors 	<ul style="list-style-type: none"> -Bigs and Small drums -Short and long strings 	

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					related to pitch frequency and volume		affecting pitch	-Empty and half full bottle of water	
		Matters and energy	Echo	<ul style="list-style-type: none"> - The learner - Describes the term echo - States uses of echoes in nature - Outline disadvantage of echoes - Solves numbers related to echoes 	<p>The learner</p> <ul style="list-style-type: none"> -Reads words and sentences related to echoes correctly 	<ul style="list-style-type: none"> - Definition of echo - Causes of echo - Uses of echoes - Disadvantages of echoes - Minimizing echoes - Calculating numbers related to echoes 	<ul style="list-style-type: none"> - Defining echoes - Starting the uses of echoes - Solving question related to echoes 	<ul style="list-style-type: none"> -Empty classroom -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 	<p>The learner</p> <ul style="list-style-type: none"> -Sings and reads songs -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. - Drawing simple devices for storing or reproducing sound 	<ul style="list-style-type: none"> -CD -VCDs -Memory Card -ipods 	
		Matter and energy	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. - Names the general uses of the human ear 	<p>The learner</p> <ul style="list-style-type: none"> -Names different parts of the human ear. -Names organs of hearing in fish , snakes insects, 	<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 , snakes , insects , birds , amphibians 	<ul style="list-style-type: none"> - Drawing the human ear - Naming parts of human ear - Labelling the human ear 	<ul style="list-style-type: none"> -Text books -Charts showing the human ear. -Model of the human ear -Chart showing organs of 	

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					amphibians birds. -Reads and writes words related to human ear correctly			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 	<p>The learner</p> <ul style="list-style-type: none"> -Spell , pronounces and reads diseases and disorder of the human ear correctly <p>-Reads sentences and stories on how to care for the human ear</p>	<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 <p>-Spells out words correctly</p>	<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 	<ul style="list-style-type: none"> - Drawing - Observing the methods of making alcohol. - Observing the types of alcohol - Demonstrate the 		

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				<ul style="list-style-type: none"> -Names the methods of making alcohol -Names the effects of alcohol -Identifies the reasons for taking alcohol -Names ways of avoiding alcohol -Recites the laws related to alcohol taking in Uganda 	<ul style="list-style-type: none"> - Laws related to alcohol taking in Uganda 	<ul style="list-style-type: none"> effects by dramatizing - Act dialogue on alcohol 			
			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 	<ul style="list-style-type: none"> The learner -Names the types of smoking -Spells the words correctly -Reads and writes sentences 	<ul style="list-style-type: none"> - Definition - Types of smoking Reasons for smoking -Effect of smoking to individuals families and societies - Ways of avoiding smoking 	<ul style="list-style-type: none"> - Drawing poster - Reading and writing sentences - Demonst rates of smoking by dramatising 		

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					related to smoking				
			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 - Drugs with example - Drug prescription. - Describe ways of storing drugs and the purpose. - Describes drug abuse and misuse 	<p>The learner,</p> <ul style="list-style-type: none"> -Names characteristics of drugs. -Describes essential drugs and names examples -Describes drug prescription -Demonstration ways of storing drugs . -Defines drug abuse / misuses and their effects 	<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 - Definition for drug misuse abuse and their effects. 	<ul style="list-style-type: none"> - Reading and writing sentences related to drugs. - Observing 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> <ul style="list-style-type: none"> -Names common drug -Names the reasons why reasons why 	<ul style="list-style-type: none"> - Definition - Reasons why people abuse drugs - Effects of drugs of dependence - Ways of avoiding drugs of dependence 	-		

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					<p>people drink abuse drugs</p> <p>-Names the effects of drug abuse</p> <p>-Names the effects of drugs of dependence to a society</p>				
		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 thte circulatory system - The structure of the heart - Function of the heart - Uses of each part of the heart 	<ul style="list-style-type: none"> - Observin g 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>ountai n Bk 6 Pg comp r Pri Sci Bk 6 page</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 	<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"> - Describin g how the heart works - Draing the diagram showing double circulatio n 	<ul style="list-style-type: none"> -Model of the heart -Chart showing double circulation -Textbooks 	<p>Intro to Bio Pg 95 and 99</p> <p>MK BK 6</p>

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					-Describes double circulation -Spells, pronounces and writes words related to double circulation correctly		- Labeling parts related to double circulation		Pg fount ain 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 diseases and disorders of the circulatory system - Identifying components of blood affected by some diseases 	<ul style="list-style-type: none"> -Text books -Charts 	
			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 body 	<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. 	<ul style="list-style-type: none"> - Discussing effects of HIV / AIDS on an individual family and community 		

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					<ul style="list-style-type: none"> -Discusses effects of HIV / AIDS on an individual , family and the community -Writes and reads PIASCY messages. 	<ul style="list-style-type: none"> - Advantages of regular body exercises. 	<ul style="list-style-type: none"> - Oranges - 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 differences between veins and arteries 	<ul style="list-style-type: none"> - Naming blood vessels - Giving uses of each blood vessel - Drawing diagram of blood vessel 	<ul style="list-style-type: none"> -Chart showing blood vessel -Text books -Straws -Pieces of cylindrical 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 components - Giving uses of plasma , platelets, white blood cells and red blood cells 	<ul style="list-style-type: none"> Text books 	

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								- Suggesting general functions of blood.		
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 	<ul style="list-style-type: none"> -A flowering plant. -A chart showing a flowering plant 	<p>Fountain integrated Sci Bk 6 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 	<ul style="list-style-type: none"> - Sorting samples of roots - Drawing roots - Naming 	<ul style="list-style-type: none"> -Different roots -Charts showing roots 		

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						<ul style="list-style-type: none"> - Clasping roots - Prop roots - Buttress roots - Storage root 			
		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 Sci Bk Pg 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 raw materials for plant to carry out photosynthesis 	<ul style="list-style-type: none"> - Writes description of photosynthesis - Spells and writes words about 	<ul style="list-style-type: none"> - Photosynthesis - Dfn: - Requirements - Raw materials - Conditions - By products 	<ul style="list-style-type: none"> - Carry out experiment to test for starch 	<ul style="list-style-type: none"> - Iodine solution - Cassava - Potato leaves 	Fountain integrated Sci BK 6 Pg

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					photosynthesis	<ul style="list-style-type: none"> - How leaves are adapted to photosynthesis - Testing for starch 			171 - 173
			Transpiration	<ul style="list-style-type: none"> - The learner - Describes transpiration - Name the importance of transpiration to plants 	<ul style="list-style-type: none"> - The learner - Reads words, sentences and stories about transpiration 	<ul style="list-style-type: none"> - Transpiration - Dfn: - Importance of transpiration - Factors which affects the rate of transpiration - Temperature - Water supply - Humidity - Speed of wind - Surface area of a leaf. 	<ul style="list-style-type: none"> - Carrying out an experiment to test transpiration in the plants environment 	<ul style="list-style-type: none"> - Polythene paper - Rubber band - Plant 	
			Flowers	<ul style="list-style-type: none"> - Learner draws the flower - They name the parts of the flower 	<p>Dfn</p> <ul style="list-style-type: none"> - Pistil - Stamen - Ovules - Corolla - Calyx 	<ul style="list-style-type: none"> - Flowers - Dfn - Structure of a flower - Reproductive parts of a flower Uses of flowers to - Man - Plants 	<ul style="list-style-type: none"> - Drawing - Naming parts of a flower 	<ul style="list-style-type: none"> - A chart showing a flower - A flower 	<p>Found in integrated Sci BK 6 Pg 176</p>
			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 	<ul style="list-style-type: none"> - Describes - Characteristics of wind and insect pollinated flowers - Uses characteristics to classify different types of 	<ul style="list-style-type: none"> - Flowers 	<p>Tropical Bio Intro to Bio MK Sci Bk 6</p>

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						<ul style="list-style-type: none"> - Characteristics of wind pollinated flowers. - Fertilization 	pollination		<p>Comprehensive</p> <p>Sci Bk 6</p> <p>Foundation integrated Sci Bk 6 Pg 165</p>
			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 of fruits - 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 	

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			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 of the various seeds 	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 by - Water - Wind - Animals - Self dispersal 	<ul style="list-style-type: none"> - Observe different plants in the environment - Carrying out a simple study to identify different seeds - Describing methods of seed dispersal 	<ul style="list-style-type: none"> - Seeds - Charts - Text books 	
			Plant propagation <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 integrated Sci Bk 6 Pg 67 Supplementary Sci Std 8 MK
			Germination <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 words sentences 	Germination Dfn <ul style="list-style-type: none"> - 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 	

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					<ul style="list-style-type: none"> and stories about seed germination - Draw and labels different methods of plant propagation 	<ul style="list-style-type: none"> - Hypogeal - Epigeal germination - Meaning of epigeal seeds which under go epigeal. Hypogeal - Examples of seeds which undergo hypogeal germination conditions for germination. Moisture , oxygen , warmth - Differentiate monocots and dicots 	<ul style="list-style-type: none"> - Caring for the plants 		
			Propagation	<ul style="list-style-type: none"> - Describes plant propagation defines propagation correctly - Identify types of propagation 	<ul style="list-style-type: none"> - Writes simple description of some common plants 	<ul style="list-style-type: none"> - Types of vegetative propagation - Natural - Artificial - Natural / vegetative propagation - Uses of rhizomes leaves , seeds , corn , stem, tubers , suckers methods of artificial vegetative propagation - Stem cutting grafting , layering - Budding marcotting - Advantages of vegetative propagation - Importance of plants 	<ul style="list-style-type: none"> - Planting various crops 	<ul style="list-style-type: none"> - Seeds - Leaves - Stems - Sucker etc 	
			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 	<ul style="list-style-type: none"> - Dfn of non – flowering plants - Spore producing plants - Ferns , mosses , liver worts 	<ul style="list-style-type: none"> - Discussing about non – flowering plants - Observing non – 	<ul style="list-style-type: none"> - Mosses - Ferns - Fungi - Mushrooms - Charts 	

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					<ul style="list-style-type: none"> - Draw and label non-flowering plants 	<ul style="list-style-type: none"> - 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 <p>Examples</p> <ul style="list-style-type: none"> - Pine, cedarfir, podocarp, ginkgo - Economic uses of conifers and general uses 	<ul style="list-style-type: none"> - flowering plants - Discussing example of non-flowering plants 		
		Sci in Human activities and occupation	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 - Identifies the difference between the different breeds - Mention the advantages and disadvantages of each breed 	<ul style="list-style-type: none"> - The learner names the reasons for keeping cattle - Names the different breeds of cattle - Acts out advantages about and disadvantages of exotic and local breeds. 	<ul style="list-style-type: none"> - Cattle - Dfn - Reasons for keeping cattle - External features of a cow - Breeds of cattle - 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 	<ul style="list-style-type: none"> - Observe different types of cattle types of cattle on a farm - Discussing different breeds of cattle - Attending operation of cattle on a farm names, care feeding and their diseases 	- Real cattle	

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			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 - Difference between dairy and beef cattle 	<ul style="list-style-type: none"> - Drawing different types / shapes of cattle 	<ul style="list-style-type: none"> - Real cattle - Charts showing 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. Parts and functions Reproduction in cattle - Heat in cattle - Mating in cattle. a) Pasture mating b) Hand mating - Insemination Advantages and disadvantages of each type of insemination 	<ul style="list-style-type: none"> - Naming different parts of the reproductive system. 	<ul style="list-style-type: none"> - Charts - Text books 	-	

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			Calf management	<ul style="list-style-type: none"> - Learner - States different ways of animal identification 	<ul style="list-style-type: none"> - Reads words and sentences about mating 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 <ul style="list-style-type: none"> 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 of breeding - Different types of breeding 	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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 grazing cattle c)Tettering d)Strip grazing e) Herding (free range) f) Digestive system of a cow 	<ul style="list-style-type: none"> - Drawing the digestive system of a cow 	<ul style="list-style-type: none"> - A chart showing the digestive system of a cow 	

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			<p>Cattle management</p> <ul style="list-style-type: none"> - The learner - Describes making process - Names more products 	<ul style="list-style-type: none"> - The learner - Reads words about mating gestation period and calving 	<ul style="list-style-type: none"> - Housing a) Importance of housing cattle b) Types of cattle houses. Fence Importance of fencing b) Types of fences 	<ul style="list-style-type: none"> - Observing different milking process - Listing types of fences, stating importances of housing cattle 	<ul style="list-style-type: none"> - A farm 	<p>Fountain</p> <p>Integrated Science BK 6 Pg 67 - 76</p>
			<p>Cattle products</p> <ul style="list-style-type: none"> - The learner - States methods of producing cattle products (Milk, meat, hides) 	<ul style="list-style-type: none"> - The learner - Acts out a dialogue on how milking is done 	<ul style="list-style-type: none"> - Milk and milk products - Measuring of milking - Methods of milking a) Handing milking b) Machine milking preservation of milk products importance of lactometer and strip cup Other cattle products - Beef - cow during and urine - Horns blood hooves - Preservation of beef - Preparation of hides - Wet - salting - Suspension drying - Marketing cattle products 	<ul style="list-style-type: none"> - Listing cattle products - Stating methods of preservation of cattle products 	<ul style="list-style-type: none"> - Real milk products 	
			<p>Cattle parasites</p> <ul style="list-style-type: none"> - Identify and name the different diseases of cattle. - Describes the causes signs and symptoms cattle diseases 	<ul style="list-style-type: none"> - Names the diseases of cattle according to causes 	<ul style="list-style-type: none"> - Cattle diseases according to their causes (organisms) a) Bacterial diseases 	<ul style="list-style-type: none"> - Preparing a visit to a farm to write up on 	<ul style="list-style-type: none"> - A farm - Pictures of cattle 	

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			and diseases	<ul style="list-style-type: none"> - Mention the prevention control and treatment of the cattle diseases 	<ul style="list-style-type: none"> - Acts out a dialogue about cattle diseases - Spell the diseases of cattle and write them correctly 	<ul style="list-style-type: none"> b) Vibral diseases signs of sickness in animals. - Transmission - Signs of good health in animals - Cattle diseases a)Protozoa diseases eg East coast fever (ECF) - Anaplasmosis - Heart water - Try ponosomiasis Signs of the above and diseases - Symptoms of diseases prevention , control and treatment b) Bacterial diseases - Anthrax - Brucellosis - Calf scour etc 	<ul style="list-style-type: none"> cattle diseases. - Discussin g ways of stating alive stock farm - Carrying out activities which care and protect domestic animal 		
			Cattle diseases	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - Reads words stories and sentences about cattle diseases - Name and correctly spell the cattle diseases - Write words about cattle diseases - Act out a dialogue 	<ul style="list-style-type: none"> - 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 Cattle parasites 	<ul style="list-style-type: none"> - Visiting a farm and identifyin g the sick animals 	- Real cattle	

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					about cattle diseases	<ul style="list-style-type: none"> - Meaning of cattle parasites - Dangers of cattle Types of parasites - 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 farm	<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 before starting alive stock farm - Land , labour , capital ready market , management , machinery etc - Meaning of each and importance 	<ul style="list-style-type: none"> - Discussion on ways of starting a farm 			

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					- How some of the above can be obtained				
		The environment	Resources in the environment	<ul style="list-style-type: none"> - The learner - Identifies resources from living and non living things - Lists different types of rocks 	<ul style="list-style-type: none"> - The learner - Names resources - Describes living and non living things as resources 	<ul style="list-style-type: none"> - 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 - Importances of rocks - Alloys and reasons for making them - Examples of alloys - Manganese steel - Nick steel - Stain less steel - Cabalt steel 	<ul style="list-style-type: none"> - Observing things around us which are useful resource - Discussing ways of proper harvesting of resource 	<ul style="list-style-type: none"> - Observing different rocks 	
			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 	<ul style="list-style-type: none"> - Discussing uses of different fuels 	<ul style="list-style-type: none"> - Charcoal - Firewood - Oil 		

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					carrying ploughing transport				
			Conservation of resources	- The learner participates in different ways of conserving environment	- Writes ways of caring from animal resources	- Conservation meaning of conservation - Reasons for conservation - Once over used resources become extinct or endangered - For future generations to see - Protect the environment - Non renewable resources by using 3R's.	- Discussing ways of caring and conserving resource - Practical preparing campaign message for sustainable use of resource	-	
				-	-	- Reducing , rejecting , recycling - B) conservation of renewable resources - Replacing the used ones - Reserving natural vegetation - Use of wind lie conservation	-	-	
			Harvesting of resources	- Outlines ways of controlling degradation of resources	- Gives different methods of harvesting resources	- Harvesting of resources - Meaning of the term harvesting - Proper harvesting and using of resources - Importance of harvesting	- Find out from community how people use the available resource	-	

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			The human body	<ul style="list-style-type: none"> - Respiratory system 	<ul style="list-style-type: none"> - The learner - Names respiratory organs 	<ul style="list-style-type: none"> - Respiratory system - Meaning of respiration - Products of respiration - Respiration organs - Breathing - Types of breathing - Respiratory system. 	<ul style="list-style-type: none"> - Observing models of respiratory organs - Carrying out an experiment to illustrate breathing in and out. 		
				<ul style="list-style-type: none"> - Demonstrates an experiment on human respiration 	<ul style="list-style-type: none"> - Listens to stories about breathing and respiratory 	<ul style="list-style-type: none"> - Functions of each part of the system - Nose - Epiglottis - Trachea - Bronchus - Lungs - Alveoli (Air Sacs) - Adaptabilities of air sacs 		<ul style="list-style-type: none"> - Real lungs of a cow - Chart showing lungs 	
			Diseases and disorders of the respiratory system	<ul style="list-style-type: none"> - Identifies diseases and disorders of respiratory system 		<ul style="list-style-type: none"> - Diseases of respiratory system - Infectious respiratory diseases - Tuberculosis - Influenza - Diphtheria - Pneumonia - Whooping cough - Causes of each of the above disease - Prevention and control of each disease 	<ul style="list-style-type: none"> - Listing diseases of the respiratory system 	<ul style="list-style-type: none"> - Real lungs - Chart showing lungs 	
		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 	<ul style="list-style-type: none"> - Spells and writes words about non infectious diseases 	<ul style="list-style-type: none"> - Non - infectious respiratory - Bronchitis - Emphysema - Asthma 	<ul style="list-style-type: none"> - Observing model of the respiratory organs 		

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				<ul style="list-style-type: none"> - Describes the conditions that lead to non infectious respiratory diseases 	<ul style="list-style-type: none"> - Reading words, stories and sentences about non infectious respiratory diseases 	<ul style="list-style-type: none"> - 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"> - Carrying out experiment to illustrate breathing and out in relation to food and oxygen - Discussing diseases disorders - Listening talks from resource 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 	<ul style="list-style-type: none"> - Preparation of drinking water a) Uses of water in the community <ul style="list-style-type: none"> - Domestic use - Navigation - Recreation - Irrigation - Generation of HEP b) Methods of making water safe. Decantation 	<ul style="list-style-type: none"> - Carrying out experiments on different ways of preparing safe water. - Preparing clean water for drinking and washing 		
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					<p>and using energy in homes</p> <ul style="list-style-type: none"> - 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"> - Discuss what makes water unsafe - Words and sentences about safe water. 			
				-	-	-	<ul style="list-style-type: none"> - Uses of heat - Food preservation - Cooking - Drying clothes - What wind is - Uses of wind - Sailing boats - Winnowing - Turning wind mills - What fermentation is - Materials used in the process of fermentation brewing 	-	

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							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 importance of house proper ventilation - site for a house. 	<ul style="list-style-type: none"> - Names the types of houses - Describes the importance of housing - Recites rymes about sanitation - Reads words, sentences and stories about sanitation. - Writes words and sentences about sanitation 	<ul style="list-style-type: none"> - Important of housing - Types of houses - Important of proper ventilation - Site for a house - Characterizes of a good house - The meaning of sanitation 	<ul style="list-style-type: none"> - Drawing different types of houses - Discussing importances of housing , requirements of a clean home / house - Discuss different housing systems. 	
				-	-	-	<ul style="list-style-type: none"> - Ways of maintaining sanitation - Construction of latrines and toilets considering - Distance from kitchen - Distance from 	-	

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							<ul style="list-style-type: none"> main house - Digging rubbish pits - Draining stagnant water from the compound . - Latrine types of latrines 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 about latrines 	<ul style="list-style-type: none"> - Maintaining VIP toilets - Structures / parts and functions - Maintain toilets - Problems of toilets - Shortage of water supply - Blockage of sewage pipes 	<ul style="list-style-type: none"> - Drawing different types of latrines and labeling them - 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 	<ul style="list-style-type: none"> - Accidents and first aid - The meaning of accidents , first aid , casualty, first aid kit. 	<ul style="list-style-type: none"> - Talking from a resource person 	-	

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					<p>about accidents</p> <ul style="list-style-type: none"> - Acts out a dialogue about accidents and first aid. 	<ul style="list-style-type: none"> - 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. 	<p>(first aider)</p> <ul style="list-style-type: none"> - Discussing the causes, prevention and first aid for fever and other types of accidents - Discuss the different safety precautions 		
		Human body	<p>The reproductive system</p> <p>Growth development adolescence puberty</p>	<ul style="list-style-type: none"> - The learner - Describes growth and development in human beings - Identify the primary and secondary characteristic - Describes social, psychological and emotional changes during adolescence 	<ul style="list-style-type: none"> - Describes growth and development - Reads words, sentences and stories about puberty adolescence and care for the reproductive organs - Recites rymes about primary and secondary characteristic dialogue about problems in adolescence 	<p>Meaning of terms</p> <ul style="list-style-type: none"> - Growth, development, reproduction, adolescence and puberty - Primary sex characteristics - Meaning - Primary sex characteristics in boys - Primary sex characteristics in girls - Secondary sex characteristics - Meaning - Secondary sex characteristics in girls only 	<ul style="list-style-type: none"> - Making observation of their own to identify growth and development - Discussing social and emotional changes - Observing modes of reproductive organs. 		

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				-	-	-	- Psychological and emotional changes during adolescence - Meaning - 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 organs 	<ul style="list-style-type: none"> - Meaning of reproduction - Types of reproduction - Sexual reproduction - Examples of sexual reproduction - Vegetative propagation - Natural propagation - Artificial vegetative propagation 	<ul style="list-style-type: none"> - Naming organs of reproductive organs - Drawing reproductive organs. 	-	

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