

P.6 SCIENCE SCHEME OF WORK TERM ONE

WK	PD	TOPIC	SUBTOPIC	CONTENT	COMPETENCES	METHODS	LEARNI-NG AIDS	L/T ACTIVITIES	SKILLS /VALUES	REFERENCES (S)	REM
1.	**1**	Classification of Animals	Classification of vertebrates	-Meaning of classification. -criteria used to classify living things. **Classes of animals** -Vertebrates -Invertebrates **Vertebrates** -Meaning -Characteristics -Examples **Group of vertebrates** -Mammals -Birds -Fish -Amphibians -Reptiles -Warm blooded (Homoi othermic) -Cold blooded (poikilothermic)	-By the end of the lessons the learner: -Gives the meaning of classification. -Tells the criteria used to classify living things. - -Gives the classes of animals. -Explains the meaning of vertebrates Outlines the characteristic of vertebrates -Mentions the groups of vertebrates -States the meaning of warm and cold blooded	-Discussion -Question and answer Observation Demonstration	Chart showing the classification tree and an animal cell.	Drawing and naming. Answering oral and written questions	Critical thinking effective communication Creative thinking Accuracy	Functional Primary science for Uganda **Bk6** Page 1 Mk integrated Primary science pupils Bk6 Page 1.	

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	2		**Mammals**	**<u>Mammals</u>** -Definition -Characteristics Examples -**Groups of mammals** Primates, ungulates, carnivorous mammals, Rodents, pouched, flying, egg laying, insectivores , sea mammals.	The learner: -Defines mammals -Mentions the characteristic of mammals -Lists examples of mammals	-Chalkboard Illustrations - chart showing the classification table of vertebrates	-Classifying animals grouping vertebrate. Answering oral and written questions	Naming groups of vertebrates Defining poikilothermic, homoiothermic animals	Critical thinking Effective communication	Introduction to biology **page 156**.	

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	3	Classification of Animals	**Mammals**	Primates, ungulates, carnivorous mammals, Rodents, pouched, flying, egg laying, insectivores , sea mammals. **Primates** -Meaning -Characteristics of primates -Examples -Diagram **Ungulates (hoofed mammals)** -Even toed ungulates Ruminants -Non-ruminants -Odd toed ungulates **Carnivorous (preying mammals)** -Meaning -Characteristics -Examples - *Diagram* **Rodents** (Gnawing mammals) -Characteristics -Examples - *Diagram* **Flying mammals** -Examples (bat) -Groups of flying mammals -*Diagram* **Insectivores** -Meaning -Characteristics -Examples - *Diagram*	The learner -Identifies the groupings of mammals -States the meaning of primates -States characteristics and examples of primates -Explains the different groups of ungulates describes carnivorous animals	Discussion Discovery question and Answer	Chart showing the classification tree.	Giving groups of mammals, Characteristics of primates, carnivorous and ungulates Mentioning characteristics of pouched rodents , Egg laying and insectivores with related examples	Problem solving effective communication critical thinking	Mk integrated Primary science pupils bk6 page 18 Functional primary science for Uganda pupils bk6 Page 8.	

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	4	Classification of Animals	-do-	**<u>Egg laying mammals</u>** -Characteristics -Examples - Diagram of a bat **<u>Sea mammals</u>** -Characteristics -Examples -Diagram of a duck billed platypus -Importance of blubber				Giving the characteristics of egg laying mammals	Decision making problem solving Effective communication		
	5		Birds	**<u>Birds</u>** -Characteristics of birds -Why birds are able to fly -External parts of a bird	- states the characteristics of birds -explains why birds are unable to fly -draws the structure of a bird - names the body parts of a bird	Demonstration Discovery	A chart showing the structure of a bird	Stating the characteristics and naming the external parts of a bird	Effective communication Critical thinking	Functional primary science for Uganda pupils bk 6 page 14	
2	**1**	Classification of Animals		**<u>Feathers :</u>** -Types of feather -The structure of a quill feather. -Importance of feathers to birds / man -Classification of birds -Criteria used to classify birds **<u>Groups of birds</u>** -Perching birds , climbing birds, Swimming birds, birds of prey (preying birds), scavenging birds, flightless birds, wading birds.	States the types of feathers Draws and names the structure of quill feather Classifies and groups birds					Mk integrated primary science pupils Bk6. Page 8	

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	2			**Perching birds** -Definition -Characteristics -Structure of beak and foot	-defines perching birds -states the characteristics of perching birds	Discussion Discovery	A chart showing the beak and foot of a perching bird	Mentions the characteristics of perching birds		Mk integrated primary science pupils Bk6. Page 8	
			-do-	**Types of perching birds** -Seed eaters -Fruit eaters -Nectar suckers -Insect eaters	Draws the foot and beak of a perching and seed eater respectively						
	3	Classification of Animals	BIRDS	**Fruit eaters** -Structure of the beak -Examples - Foot	The learner: draws the structures break a fruit	Discussion Discovery Question and answer	BB. illustrations Chart showing round beaks and feet	Spelling of names of birds	Problem solving creative thinking Critical observation	Functional primary science for Uganda pupils Bk6. Page 14	
	4			**Nectar suckers** -Structure of beak -Examples							
	5			**Climbing birds** -Characteristic -Structure of the beak -Structure of the foot -Examples.	Explains the characteristics of climbing wading and swimming birds Draw the structure of beaks and foot of the above birds			Drawing Answering oral and written questions		Mk intergrated primary science pupils Bk6. Page8	

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3	1			**Wading birds** -Meaning -Characteristic -Structure of the foot -Examples	Suggests examples of swimming wadding and climbing birds					Introduction to biology third tropical edition pg166.	
	2			**Swimming birds** -Characteristics -Structure of the beak -Structure of the foot -Examples							
				Birds of prey -Meaning -Characteristics -Structure of the beak -Structure of the foot -Examples		Defines what preying birds are States the characteristics and example of birds of prey.			Drawing and naming beak and feet And answering oral written questions		
	3	Classification of Animals	Birds	**Scratching birds** -Characteristic -Structure of the beak -Structure of the foot -Examples	The learner Gives the characteristic of scrunching ,scavengers and flightless birds Draws the port and beak of the above birds	Discussions Discovery explanation	BB illustrations chart showing a feet of sunbirds	Mentioning the characteristics of drawing and naming different kinds of feet and beaks of bird	Appreciation Awareness Problem solving.	Introduction to biology Third tropical edition Page166	
	4			**Scavenger birds** -Meaning -Characteristic -Structure of foot -Examples	Draws the foot and beak of the above birds					Integrated Primary science pupils book 6 page8.	
	5			**Flightless birds** -Meaning -Characteristics -Examples							
	1			**Feeding in birds** -Different kinds of food birds fed on.			Charts showing the reproductive	Effective communicat			

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4				-Alimentary canal of a bird.	Tells the different kinds of food birds feed on Draws and have alimentary canal of a bird		system of a bird and an egg.	ion problem solving			
	2			-Reproduction -Fertilization -Structure of an egg -Advantages of birds -Disadvantages of birds							
	3		**Reptiles**	Reptiles - characteristic of reptiles **Classification of reptiles** -Snakes -Lizards -Turtles ,tortoises ,terrapins -Crocodiles and alligators **Snakes** -Characteristics	Gives the characteristic and classification of reptiles					Mk. integrated primary science pupils science pupils B6 page 24	
	4	Classification of Animals		**Classification of snakes** -Poisonous snakes -Non poisonous snakes – constrictors	The learner States the characteristic of snakes in different groupings	Discussion Discovery Question and answer	BB illustrations Pictures in text book	Stating t he characteristi cs of poisonous snakes	Appreciation Love Problem solving creative thinking.	Mk. Integrated primary science pupils Bk6. Page 24.	
	5			**Poisonous snakes** -Characteristic -Jaws of poisonous snakes -Examples of poisonous snakes **Non – poisonous snakes** -Characteristic -Examples	Lists examples of snakes in the different grouping Defines constructors with related examples					Functional primary science for Uganda pupils Bk6 Page22.	

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5	**1**			**Constructors** -Meaning -Examples -Diagram **Lizard** Characteristic ***Examples*** -Chameleon, skink, geckos, Agama lizard ,monitor lizard , -Diagram -Importance of lizards Turtles ,tortoise, terrapins -Crocodiles and alligators	The learner Wires the characteristic of lizard Outlines different examples of lizards.			Writing the characteristics of lizards Outlining the examples of lizards			
	2		**Amphibians**	**Amphibians** -Characteristic of amphibians -Examples -Differences between frogs and toads -External features of an amphibian -Ways in which a frog is adapted to living in water. -How amphibians protect themselves	The learner Mentions characteristics of amphibians Differentiates frogs from toads Draws and names the external structures of amphibian Suggests the ways in which frogs are adapted to living in water.		Chart showing the structure of a toad	Giving characteristics of amphibians Differentiating frogs from toads Drawing and naming the structure of an amphibian		Introduction to biology third tropical education Page 161	
	3	Classification of Animals		-Reproduction of amphibians -Differences between a tadpole and an adult frog -Diagram of a tadpole -Importance of amphibians		Observation questioned answer discussion discovery			Creative thinking critical observation Appreciation		

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	4		**Fish**	-Characteristic of fish -Examples -External structure of a fish -Functions of different parts of a fish - How fish are adapted to life in water	The learner Gives the characteristic of fish Lists the examples of fish Draws and names the structure of a fish		A chart showing a structure of a fish	Drawing and naming Answering oral and written questions		Functional primary science for Uganda pupils Bk6 page 26-31	
	5			**<u>Fins</u>** -Medium e.g. dorsal caudal ,ventral -Paired e.g. pectoral, pelvic -Depth control by a swim bladder	Outlines the roles of different parts of a fish.						
6	1			**<u>Classification of fish</u>** -Bonny fish -Cartilaginous fish. -Lung fish -How fish protect themselves -Reproduction in fish -Breathing mechanism of fish -Structure of the gills -Importance of fish	Classifies fish Explains the ways how fish can protect themselves Describes reproduction And breathing mechanism in fish Identifies the importance of fish.		The breathing structure of afish on achart BB illustration	Drawing and naming Answering Oral and written questions	Problem solving Effective communicati on Appreciation	introduction to biology third tropical edition page. 156-160	
	2		Classification of invertebrates	**<u>Invertebrates</u>** -Definition. -Characteristics **<u>Classification of invertebrates</u>** -Worms , coelenterates , Sponges ,echinoderms molluscs, arthropods	Gives the definition for invertebrates Tells the characteristic and classification of invertebrates			Answering and oral written questions			
		Classification of Animals	Classification of invertebrates	**<u>Worms</u>** -Characteristic of worms -Classification worms 1. Annelids(segmented)	The learner Writes the characteristic and classification of worms describes	Discussion Discovery Questions answer	Chart showing an external structure a	Naming and drawing answering oral written questions	Appreciation Love Awareness Problem solving		

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	3			2. Nematodes (round worms) 3. Flat worms **<u>Flat worms</u>** -Description ***<u>Examples</u>*** -Tape worms ,liver flukes -External structure of a tape worm. -Functions of the parts -Feeding habits	flat worms with related examples Draws and names the external structure of a tape worm with the roles of different parts Explains the feeding habits of worms Narrates the effect of worms to human body.	Brain storming	tape BB illustrations		Critical observation		
	4	Classification of living things	**Invertebrates**	**<u>Earth worms</u>** -Their habitat -The type of skeleton -How they breathe -How they reproduce -How they 're useful to the soil -Diagram showing an earth worm	The learner airs out the habitat ,types of skeleton ,breathing reproduction and the usefulness of earth worms	Discussion Discovery Brainstorming	BB. illustration s tree of invertebrates	Airing out all about Earthworms	Love Critical thinking Critical observation Effective communication	Mk integrated Primary science Pupils 6 Page 41-42	
	5			**<u>Molluscs</u>** -Their characteristic ***Examples*** -Snails -Octopus -Slugs, oyster -Diagram of mollusks -Effect of snails on human health **<u>Coelenterates</u>** -Characteristic ***Examples*** -Jelly fish, hydra Sea anemone, corals **<u>Echinoderms</u>** -Description ***Examples*** -Starfish, sea urchin -Sea lilies -Sea cucumber	Mentions the characteristic examples and descriptions of molluscs Coelenterates and echinoderms			Answers Questions and written questions		Functional primary science for Uganda pupils Bk6 Page 41.	

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				-Brittle star							
7	**1**			**<u>Arthropods</u>** -Definition -Characteristic **Classification of arthropods** -Crustaceans -Insects -Arachnids -Myriapods	Gives the definitions Characteristic and classification of arthropods	Inquiry brainstorming Discussion	BB illustration the classification tree of invertebrates	Answering oral and written questions		Fountain integrated primary science pupils B6pag 33s	
	2	Classification Of Animals	**Invertebrates**	**<u>Crustaceans</u>** -Characteristic ***Examples*** -Lobsters, Cray fish, Crabs, shrimps , Wood louse, water fleas -Diagram	The learner lists the characteristic &examples of crustaceans	Discovery Discussion Question and answer	BB illustrations The classification Tree of invertebrates		Awareness Love Appreciation Problem solving Critical observation	Fountain intergrated Primary science pupils B6 Page 34	
	3			**<u>Arachnids</u>** -Characteristic ***Examples*** -Spiders –Diagram of a web -Scorpion ticks -Mites **<u>Myriapods</u>** -Characteristic ***<u>Examples</u>*** -Millipedes -Centipedes -Uses of myriapods -Dangers of myriapods **<u>Insects</u>** -Characteristic -Parts of an insect -Functions of the parts **<u>Life cycle of insects</u>** -Complete metamorphosis	The learner Identifies characteristic examples uses and dangers of myriapods The learner Sates the characteristic uses and dangers of insects Draw and name the eternal structure of an insect Explains the life cycle of insects	Discussing on inquiry brainstorming	Chart showing insect	Drawing and naming answer oral and written questions	Awareness Love Appreciation Problem solving Critical observation	Introduction to biology Third tropical edition page 1465	

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				-Incomplete metamorphosis -Insects that go complete and incomplete metamorphosis -Importance of insects -Dangers of insects -Diagrams showing life cycle of insects -Care for vertebrates and invertebrates							
	4	**FUNGI**	**Fungi kingdom**	**X-tcs of fungi** -They lack chlorophyll -They don't have true roots, leaves and stems -Some are unicellular -they reproduce sexually and asexually							
	5			-Feeding in fungi **Examples of fungi** -Mushrooms -Yeast -Moulds -Bracket fungus -The structure Of a mushroom -Functions of the parts -Feeding in fungi -Reproduction in fungi -Importance of fungi -Dangers of fungi -Diseases caused by fungi in plants and animals	The learner -Outlines the characteristic and examples of fungi -Draws and names the structure of a mushroom -Describes the feeding, reproduction importance, dangers and diseases caused by fungi.	Explanation Discovery Discussion Question and answer	Chart showing a mushroom	Drawing and naming a mushroom Answering oral and written questions	Problem solving critical observation creative thinking awareness Co. Operation	Functional Primary science for Uganda pupils Bk6 page -5 Mk integrated primary science pupils Bk6 page 3.	
	1	**MONERA**	**Monera kingdom**	**Monera kingdom** (**bacteria kingdom**) -Bacteria are micro-organisms -Characteristic of bacteria -The structure of a bacterium	The learner Defines micro-organisms and gives related examples Describes characteristic respiration feeding		Chart showing a bacterium	Drawing and naming answering oral and written questions		Fountain intergrated primary science pupils Bk6 Page 6.	

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8				-Movement of bacteria -Respiration of bacteria -Feeding of bacteria -Reproduction of bacteria **Types of bacteria** -Rod shaped bacteria -Spherical shaped -Spirilla -Comma shaped -Importance of bacteria -Dangers of bacteria . -Diseases caused by bacteria **Otherexamples of micro-organisms** -Virus -Protozoa -Parasitic fungi	and reproduction of bacteria Draws and names the structure of abactruim Gives the types importance and dangers of bacteria						
	2 3	PROTOCTISTA	**Protoctista kingdom**	**Protoctista kingdom** -Characteristic **Examples** -Algae, protozoa -Euglena **Algae** -Characteristics **Examples** -Spirogyra -Sea weeds -Fucus -Importance of algae **Protozoa** -Characteristic **Examples of protozoa** -Amoeba -Paramecium -Plasmodium -Trypanosome **Amoeba** -How it reproduces -How it moves	The learner Outlines the characteristic and examples of protoctista Suggest the importance of algae The learner Describes the reproduction movement of amoeba Paramecium ,plasmodium and euglena Draws and names the structure of an amoeba Paramecium and euglena	Discussion Discovery Question and answer brainstorming	The chart showing classification tree of invertebrates showing an amoeba paramecium Euglena	Answering oral and written question Drawing and naming structure of an amoeba ,paramecium and euglena	Problem solving effective communication Creative thinking critical observation Appreciation	Fountain integrated Primary science [pupils B6 Page 7-8 Mk. Integrated primary science Pupils Bk6 Page Functional primary science for Uganda pupils Bk6 Page6	

				-The structure of amoeba **Paramecium** -How it moves -Structure of paramecium **Plasmodium** -The disease it causes -Where it develops from **Euglena** -Characteristic -Structure Of Euglena							
	4			**Lichens** -Lichens is a combination of fungi and algae -Characteristic of lichens -Relationship between fungi and algae	The learner Gives the characteristics of lichens	Discussion Discovery Question and answer Observation Demonstration	Chart showing the classification tree of invertebrates	Answering oral and written questions	Appreciation Love Awareness A problem solving Decision making critical observation		
	5	**Sound energy**	**Sound**	-Definition of sound Sources **Sources of sound** -Natural sources -Artificial sources **Kinds of sound** -Noise -Music -How sound is produced -Frequency -How animals produce sound -Uses of sound energy -Properties of sound -How animals pick sound waves	The learner explains the meaning of sound Lists the sources of sound and kinds of sound Explains how sound is produced Outlines the uses and properties of sound Explains how animals pick sound waves		Music ladder on chart phones The environment	Singing Answering oral and written questions Listening		Mk . intergrated primary science Pupils Bk6 Page 50.	
				How sound travels -Sound travels by means of sound waves. -Sound cannot travel through a vacuum	The learner -Tells how sound travels and even the speed of sound in different states		Rulers water tables sticks BB illustrations	Answering oral and written questions		Fountain integrated primary science Pupils Bk6	

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9	**1**			because a vacuum has no matter to transmit sound waves **Speed of sound** -In air (gases) -330m/s -In water (liquid)- 1484m/s -In iron (solids)-5000m/s -Facts that prove that light travels faster than sound	-Gives the facts to prove that light travels faster than sound					Page 38.	
	2	**Sound energy**	**Sound**	-Factors that affect the speed of sound - -Speed ,distance and time in relation to sound	The learner Gives the factors affecting sound narrates the differences and similarities btn sound and light	Question and answer Discussion discovery	BB illustrations Charts drums	Answering oral and written questions	Problem solving decision making Appreciation critical observation	Fountain integrated primary science pupils Bk6 Page 38	
	3			**Echoes** -An echo is reflected sound -Where echoes are produced -Importance of echoes -Use of an echo sounder -Dangers of echoes -Calculations on speed -Distance and time in relation to sound. **Volume** of sound is the loudness or softness of sound **Factors that affect the volume of sound** -Amplitude -Force **Pitch of sound** Pitch is the highness or lowness of sound **Factors that affect pitch** -Size of the object	-Defines an echo and gives where echoes are produced -Mentions the importance, dangers and ways to reduce echoes Explains the meaning of volume of sound and the factors affecting it The learner Explains the pitch of sound and factors affecting it Suggest the groups of music Instruments with related examples	Discovery Discussion Inquiry	Answering oral and written question			Mk integrate d primary science pupils Bk6 Pages 51-60 functional primary science for Uganda Bk 6 page 50-68	

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				-Length of the material -Thickness of the material -Tension of the string -Frequency **<u>Groups of musical instruments</u>** -String instruments -Wind instruments -Percussion instruments							
	4	**Sound energy**	**Sound**	-Methods used to store sound -Devices which store sound energy -How sound energy can be reproduced	The learner States the methods used to store sound and devices that store sound energy Tells ways how sound energy can be reproduced	Discussion Brainstorming Discovery Question answer	Devices that store sound		Awareness Cooperation Love Appreciation Problem solving effective communication	Fountain intergrated Primary science Pupils Bk6 Page 47.	
	5			-The structure of a mammalian ear -Parts of the ear and their functions **<u>Ear defects</u>** -Deafness -Discharging ears -Ringing ears **<u>Deafness</u>** -Definition **<u>Kinds of deafness</u>** -Permanent deafness -Partial deafness -Causes of deafness -How to care for our ears	Draws and names the structure of the human ear Gives the function of the parts of the human ear Explains the term deafness its kind causes and how to care for the ears		Charts showing the human ear	Drawing and naming answering oral and written questions		Mk Integrated primary science Bk6. Page 62.	

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10	**1**	**The circulatory system**	**Blood circulation**	**<u>Components of the circulatory system</u>** -The heart -Blood -Blood vessels **<u>The heart</u>** -Its functions -The structure of the heart -How he heart works **Heart beat** The heartbeat of a normal adult persons is 72times per minute.	Mentions the components of blood circulation Draws and names the structure of the heart Explains how the heart works and the meaning of heart beat.		Chart of the heart BB illustrations	Drawing and naming answering oral and written question		Introduction to biology Third tropical edition Page 93. Mk	
	2	The circulatory system	**Blood circulation**	**<u>Blood vessels</u>** -Blood vessels are tubes through which blood flows in the body **<u>Types of blood vessels</u>** -Arteries -Veins -Capillaries **Arteries**	The learner Explains what blood vessels are with related types Gives the characteristics and structural and functional differences	Discussion Discovery question and answer brainstorming	Charts showing blood vessels BB. illustration	Drawing and naming answering oral and written questions	Problem solving Decision making creative thinking critical observation	Introduction to Biology Third tropical edition Page 96. Functional primary	

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				-Characteristics of arteries -Structure of an artery **Veins** -Characteristics -Structure of a vein -Function of veins in the body -Differences between arteries and veins **Capillaries** -Capillaries are the smallest blood vessels -The structure of capillaries -Characteristic s of capillaries -Functions of capillaries -Substances carried by capillaries	between arteries and veins Draws and names arteries ,veins and capillaries 'tells he substances carried by capillaries					science for Uganda Bk 6 Page 285. Mk integrated Primary science Bk 6 Page 262	
	3			**Blood circulation** -Is the movement of blood in the body -An illustration of blood circulation **Organs related to blood Circulation** -The heart -The lungs -The kidney -The liver	Explains the term blood circulation Illustrates blood circulation Tells the organs related to blood circulation		Chart showing blood circulation	Drawing and naming answering oral and written question	Problem solving critical observation awareness		
	4	The circulatory system	Blood circulation	**Blood** **Types of blood** -Oxygenated -De-oxygenated blood **Composition of blood** -Red blood cells (Erythrocytes) -White blood cells (leucocytes) -Platelets (thromboctytes)	The leaner Mentions the types and composition of blood Narrates the fuction s of blood components and that of blood in general		Bb illustration		Effective communicati on Problem solving Creative thinking Critical observation Problem solving	Introduction to biology Third Tropical edition Pg93	

				-Plasma -Functions of each blood component -Functions of blood -Substances transported by blood -Factors that reduce the volume of blood -How to increase the amount of blood in the body -Substances transported by plasma **Blood groups** -Blood group A -Blood group B -Blood group AB -Blood group O -Universal donor -Universal recipient -Blood bank -Diseases of the circulatory system -Prevention and control of diseases and disorders of circulatory system -Health habits that improve the function of circulatory system	Outlines the substances transport by blood Tells factors that reduce and increase the volume of blood the body. The learner Gives group of blood Explains the terms used in blood grouping I.e blood bank, universal recipient Outlines the diseases of circulatory system prevention and health habits of circulatory system.			Answering oral and written question	effective communicati on Appreciation	Functional primary science for Uganda B k6 Page262 Mk integrated Primary Science pupils bk6 Page 266.	
	5	Alcohol, smoking and drugs	**Alcohol**	-What is alcohol -Common alcoholic drinks -Raw materials used for making alcohol **Types of alcohol** -Ethanol (Ethyl) -Methanol (Methyl) **Methods of making alcohol** -Fermentation -Distillation	The learner Defines the term alcohol Mentions the common alcoholic drinks with the related raw materials for it Gives the methods used for making alcohol Explains fermentation and gives products of	Explanation question and answer Brain storming Discussion Discovery Explanation question and answer Brainstorming Discussion discovery	BB illustrations chart showing the uses of alcohol	Answering oral And written question	Appreciation Awareness Problem solving critical observation	Functional primary science For Uganda Bk6. Page 100	

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				-Fermentation is the process by which yeast turns sugar into alcohol -Products of fermentation -Alcoholic drinks made by fermentation -Other uses of alcohol **<u>Distillation</u>** -Distillation is the process of obtaining alcohol by boiling evaporation and condensation -Illustration of distillation -Alcoholic drinks made by distillation -Uses of alcohol -Reasons why people drink alcohol -Myths about alcohol ism **<u>Alcoholism</u>** -Alcoholism is a condition caused by frequent and habitual drinking of alcohol for the normal functioning of the body.	fermentation and example of fermented alcohol . Explains fermentation and gives products of fermentation and example of fermented alcohol . States other uses of alcohol Explains the term distillation Illustrates distillation methal of making alcohol Mentions the uses and reasons for taking alcohol. Tells the myths about alcohol Defines the term alcoholism			Answering oral and written question	Appreciation Decision making effective Communicati on	Mk integrated primary science Bk 6 page 109 Fountain integrated primary science Bk6 Page 85	
	1	Alcohol Smoking And drugs	**Alcoholism**	-Signs of alcoholism -Factors that lead to alcoholism -Effects of alcoholism to an individual , family and community -Body organs destroyed by alcoholism	The learner Tells the factors that lead to alcoholism Suggests the effects of alcoholism	Discussion Brain storming Question and answer	BB illustration	Answering oral and written questions	Decision making solving Effective communicati on	Fountain Intergrated primary science Bk6 page 90-92	

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11				-Laws that are related to drinking alcohol in Uganda -How to avoid alcoholism -Life skills of avoiding alcoholism	States the laws related to drinking alcohol in Uganda Gives the ways how to avoid alcoholism and the life skilss of avoiding alcoholism						
	2		**Smoking**	**<u>Smoking</u>** -Smoking is the inhaling of tobacco smoke **<u>Types of smoking</u>** -Active smoking -Passive smoking -Harmful substances in tobacco -Reasons why people smoke -Dangers of smoking to an individual ,family pregnant mothers and Community -Respiratory diseases caused by smoking -How to avoid smoking	Defines the term smoking Tells the different types of smoking Lists the harful substances into tobacco Mentions the reasons for smoking and dangers of smoking Describes respiratory disease and how to avoid smoking	Brain storming Discussion Discovery Question and answer	BB illustrations	Answering oral and written questions	Appreciation problem solving critical observation creative thinking	Functional primary science For Uganda Bk6 Page 196 Mk intergrated primary science Bk6. Page 212	
	3		**Drugs**	-Definition -Medical drugs (medicines) **<u>Classification of drugs</u>** -Laboratory manufactured drugs -Traditional drugs	Defines medical drugs and its classification						
	4	Alcohol	Drugs	**<u>Laboratory manufactured drugs</u>** -Definition -Characteristics -Where they can be got -Examples -Importance -Classes **<u>Traditional drugs</u>**	The learner Defines laboratory Manufactured drugs Mentions characteristic sources examples ,importance and classes of laboratory	Brain storming Question and answer Discussion Discovery Explanation	BB illustrations Some laboratotry manufactured drugs some traditional drug	Answering oral and written questions	Appreciation Awareness Love Co-operation Problem solving Creative thinking Critical observation	Mk integrated Primary science Bk6 page 213 219	

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				-These are drugs made from plants and herbs -Characteristic -Examples **<u>Essential drugs</u>** -Definition -Qualities -Example -Importance -How to prevent sickness without using drugs **<u>Drug prescription</u>** -Definition -What drug prescription indicate -Factors considered when prescribing drugs -Advantage of drug prescription -Dangers of using drugs without prescription	manufactured drugs Explains what traditional drugs are related characteristic and examples Differentiates between laboratory manufactured traditional drugs Explains what essential drugs are its qualities examples and importance Tells ways followed to prevent sickness without using drugs Explains the term drug prescription and its indications Mentions the factors considered when prescribing drugs Gives the advantages of drug prescription Tells dangers of using un prescribed drugs					Functional primary science for Uganda Page 193	
	5	Alcohol Smoking And drugs	**Drugs**	**<u>Dosage</u>** -Definition **<u>Forms of wrong dosage</u>** -Over dose -Under dose -Dangers of taking over dose -Dangers of taking under dose	The learner Defines dosage over dose Under does self medication Gives the dangers of taking over under dose And self medication	Discussion Discovery Question and answer Explanation	Example of laboratory Manufactured drugs BB.iiiustratio ns	Answering Oral and written questions	Awareness Love Appreciation Problem solving Effective communica6t ion	Functional Primary science For Uganda Bk6 Page 197.	

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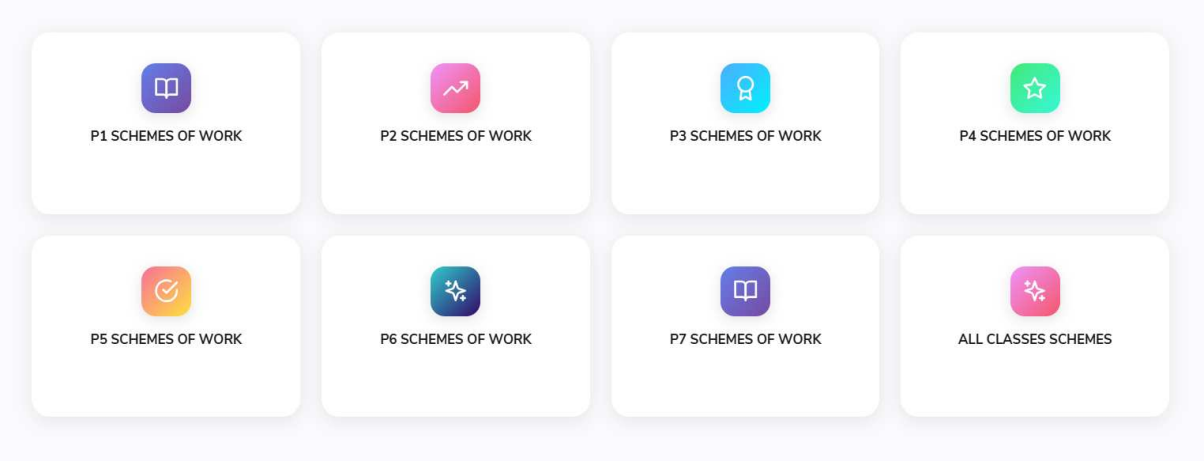
				<u>Self medication</u> -Definition -Dangers of self medication -Storage of drugs -How to prevent drug Poisoning -Dangers of buying drugs from local shops **<u>Drug abuse</u>** -Definition -Ways how people abuse drugs -People who commonly abuse drugs -Reasons for drug abuse -Commonly abused drugs -Ways how people take in drugs of abuse **<u>Drug a misuse</u>** -Drug misuse is the use of drugs without the doctor's prescription -Ways people misuse drugs -Effects of drug abuse and misuse -Ways of avoiding drug abuse and misuse	Gives the conditions for proper storage Of drugs Mentions ways to prevent drug poisoning sates the dangers of buying drugs abuse and drug misuse Describes ways hoe people abuse and misuse drugs Tells reasons for drug abuse and example of commonly abused drug Gives the effects States the ways of avoiding drug abuse and misuse.					Mk integrated Primary Science Bk6page217.	
12	1	**Alcohol Smoking and drugs**	**Drugs**	**<u>Drug dependency</u>** -Definition -Drug addiction -Examples of drugs dependency /addiction -Effects of drugs of dependency to an Individual, family and community -How to avoid drugs of dependency	The learner Defines drug dependency and drug addiction Tells examples of dependency and addiction States the effects of drug dependency Mentions ways to avoiding drugs of dependency	Discussion Discovery Explanation Question and answer	Example of drug dependency	Answering Oral and written questions	Problem solving Effective communicati on	Functional primary science for Uganda bk 6 page 196-7 Mk Integrated primary science bk 6	

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				-Life skills to counteract drug dependency -A Juvenile -Juvenile delinquency	Gives the life skills to counter act drug dependency					Page 217-8	

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