

P.6 SCIENCE SCHEME TERM III

WK	PD	THEME	TOPIC	SUB TOPIC	SUBJECT COMPETENCE	LANGUAGE COMPETENCE	CONTENT	METHODS	SKILLS	ACTIVITY	T/AIDS	REF
1	1	Science in human activity and occupation	Science at home and in our community	Sources of water	The learner; Identifies the sources of water Gives the uses of water States the food sources of water	The learner; Reads, spells and pronounces <ul style="list-style-type: none"> - Water - Domestic - Artificial 	Sources of water <ul style="list-style-type: none"> - Natural source of water - Artificial sources of water - Domestic uses of water - Uses of water in the body - Foods that provide the body with water 	Guided discovery, experimentation on treating water, question and answer techniques	Critical thinking , care , concern, problem solving and articulation	Answering oral and written questions and treating water using chemicals (practical)	Chemicals for treating water	Curr. P.6 page 89 – 91, Baroque book 6 page 151 and Baroque book 6 page 154
	2	Science in human activity and occupation	Science at home and in our community	Preparing safe water for drinking	Gives the meaning of safe water Explains the methods of making water safe for drinking States the disadvantages of chemical treatment	Boiling Chemicals Chlorine Fluorine Potassium	Methods of making water safe for drinking <ul style="list-style-type: none"> - Boiling water - Treating with chemicals - Examples of chemicals used to treat water Disadvantages of treating water	Guided discovery, experimentation on treating water, question and answer techniques	Critical thinking , care , concern, problem solving and articulation	Answering oral and written questions and treating water using chemicals (practical)	Chemicals for treating water	Curr. P.6 page 89 – 91, Baroque book 6 page 151 and Baroque book 6 page 154
		Science in human activity and occupation	Science at home and in our community	Preparing clean water for washing	Explains the methods used to obtain clean water from dirty water Obtains clean water from dirty water	Decanting Filtration Filtrate Residue	Obtaining clean water from dirty water <ul style="list-style-type: none"> - Decanting / decantation - Distilling dirty water (uses of distilled water) - Filtration Approaches used in filtration <ul style="list-style-type: none"> - One pot filter system - Three pot filter system - Using as filter paper and a funnel 	Guided discussion and experimentation on filtration	Decision making and creative thinking	Filtering water using a filter paper (practical)	Filter paper and filter funnels	Baroque book 6 page 152

2	1			Water impurities	Explains the term, water impurity and names the water impurities	Impurities Silt Agrochemicals	Water impurities (meaning) e.g. - Human wastes - Animal wastes - Industrial wastes - Agro chemicals - Silt from erosion	Brain storming	Problem solving and sympathy	Stating the water impurities	Soil	Baroque book 6 page 156
					Explains the meaning of soft and hard water							
	2			Cleaning clothes in a home	States the steps taken to clean laundry in their order Cleans laundry using the right steps	Sorting Soaking Rinsing Wringing	Cleaning laundry (steps) Sorting Rinsing Socking Wringing Washing Drying Ironing Importance of each step / stage of cleaning laundry Test activity on page 159 baroque	Guided discussion		Cleaning laundry (practical)	Dirty clothes, soap and water	Baroque book 6 page 157
	3	Human health	Accidents and first aid	Burns and scalds	The learner Gives the meaning of - An accident - First aid - A first aider - A casualty Explains the terms a burn and a scald Identifies the categories of burns Gives first aid to people with burns and scalds	The learner; Reads, spells and pronounces - Accident - Casualty - Burns - Scalds Uses the above words in sentences correctly	First Aid (meaning) A first aider - An accident Types of accidents - A casualty Reasons for giving first aid Burns and scalds - A burn - Examples of dry heat - A scald Categories of burns - First degree burns - Second degree burns - Third degree burns - First aid for burns and scalds - Common causes of burns and scalds - Prevention of burns and scalds - Don'ts in relation to burns	Guided discovery, Explanation and question and answer	Creative thinking, problem solving, concern and care	Demonstrating on giving first aid for a burn (out of class)	Cold water, basin and clean cloth	Baroque book 6 page 161 and Curr. P.6 pages 92 – 94

	4	Human health	Accident and first aid	Fever and convulsion	<p>The learner States the meaning of fever and convulsions</p> <p>Gives the dangers of fever and convulsions</p> <p>Explains the first aid steps for fever and convulsions</p>	<p>The learner Reads, spells, pronounces and uses the words in sentences</p> <ul style="list-style-type: none"> - Fever - Temperature - Topical sponging - Convulsions 	<p>Fever (meaning)</p> <ul style="list-style-type: none"> - Causes of fever - Dangers of fever - First aid for fever <p>Convulsion (meaning)</p> <ul style="list-style-type: none"> - Causes of convulsion - Dangers of convulsions - First aid for convulsions - Don'ts during the giving of first aid for convulsion 	Guided discussion, demonstration and question and answer	Creative thinking, problem solving care and concern	Sponge or cloth and luke warm water	Baroque book 6 page 162	
	5			Near drowning	<p>The learner Gives the meaning of drowning and near drowning</p> <p>Identifies places where near drowning occurs</p> <p>Explains steps for first aid of near drowning</p>	<p>The learner Reads, spells, pronounces and uses the words in sentences</p> <ul style="list-style-type: none"> - Drowning - Near drowning - Kiss of life - Lungs - Breathing 	<p>Drowning (meaning)</p> <ul style="list-style-type: none"> - Near drowning - First aid for near drowning - Places where near drowning can take place - Ways of controlling near drowning 	Guided discussion	Critical thinking, problem solving and sympathy	Explaining the steps for first aid of near drowning	Audio visual and presentation	Baroque book 6 page 164
3	1			Fainting	<p>The learner State the meaning of fainting</p> <p>Identifies the causes of fainting</p> <p>Explains first aid for fainting</p>	<p>The learner Reads, spells, pronounces and uses the words in sentences</p> <ul style="list-style-type: none"> - Fainting - Brain - Oxygen - By standers - Blood 	<p>Fainting (meaning)</p> <ul style="list-style-type: none"> - Causes of fainting - Conditions that lead to fainting - First aid for fainting 	Conducted class discussion	Decision making and effective communication	Stating first aid for fainting		Baroque book 6 page 166
	2			Foreign bodies	<p>The learner Gives the meaning of foreign bodies</p> <p>Names the natural body openings</p> <p>States the first aid for foreign bodies in each natural opening</p>	<p>The learner Reads, spells, pronounces and uses the words in sentences</p> <ul style="list-style-type: none"> - Foreign bodies - Nose - Eyes - Rectum - Vagina - Throat - Ear drum - Choking 	<p>Foreign body (meaning)</p> <ul style="list-style-type: none"> - Natural openings on the body - Examples of foreign bodies - Foreign bodies in the eyes - Foreign bodies in the ear - Foreign bodies in the nose - Foreign bodies in the throat - Rectum, vagina - Prevention of accidents caused by foreign bodies <p>Test in baroque page 175</p>	Question and answer	Non violent conflict resolution and copying with st....	Suggesting ways of preventing accidents caused by foreign bodies	Answering oral and written questions	Baroque book 6 page 167

3	Human health	Sanitation	Latrines	<p>The learner States the types of latrines</p> <p>Describes a pit latrine</p> <p>Describes a pit latrine</p> <p>Gives the features of an ordinary pit latrine</p> <p>Suggests the reasons for smoking ordinary pit latrines</p>	<p>The learner; Reads, spells and uses the words below in sentences</p> <ul style="list-style-type: none"> - Latrine - Pit latrines - Ordinary - Lid - Smoking 	<p>Latrines (meaning)</p> <ul style="list-style-type: none"> - Importance of latrines - Types of latrines - Pit latrines - Classes of pit latrines - Depth of the pit - Features of an ordinary pit latrine (structure) - Uses of each feature of an ordinary pit latrine - Smoking a conventional pit latrine 	Guided discussion , guided discovery and brain storming	Critical thinking, effective communication and fluency	Identifying types of latrines in the school	Latrine in the school	Baroque book 6 page 170 and curr. P.6 pages 95 – 97
4			VIP latrine	<p>The learner Names the features of a VIP latrine and their uses</p> <p>Explains air circulation in VIP latrines</p> <p>Gives the differences between VIP and ordinary PIT latrines</p>	<ul style="list-style-type: none"> - Ventilated - Vent - Screen - Circulation - Hole - Spiral 	<ul style="list-style-type: none"> - Features of a VIP latrine (structure) - Importance of each feature of a VIP latrine - Air circulation in a VIP latrine - Advantages of using pit latrine - Advantages of using pit latrines - Difference between VIP and ordinary pit latrines. 	Class discussion, guided discovery and observation	Creative thinking, decision making and care	Stating advantage of VIP latrine over the ordinary pit latrine	A chart showing a VIP latrine	Baroque book 6 page 171
5			Site for a pit latrine	<p>The learner Gives the minimum distances of a pit latrine from a water source, living house</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Contamination - Water source - Living house - Detergents - Maggots - Bacteria 	<ul style="list-style-type: none"> - Minimum distance from water source, living house - Location in relation to water source in a home and living house. - Cleaning pit latrines - Important organisms in pit latrines - Materials for constructing pit latrines 	Conducted class discussion and question and answer technique	Problem solving, creative thinking and responsibility	Text book reading	Text books	Baroque book 6 pages 172

4	1	Human health	Sanitation	Toilets (water closet)	<p>The learner Gives the meaning of flush toilets</p> <p>Names the features of a flush toilet and their functions</p> <p>Suggests the ways of maintaining and how to use a flush toilet</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Flush - Septic tank - Cistern - Sewage - Bowel - Lid 	<p>Flush toilets (meaning)</p> <ul style="list-style-type: none"> - Features of a toilet (structure) - Importance of each feature of a toilet - How to use and maintain a flush toilet plus cleaning - Advantages of flush toilets - Disadvantages of flush toilets - Emptying the septic tanks 	Observations (out of class), Discussion and Guided discovery	Critical thinking, effective communication, responsibility and care	Drawing and naming parts of a flush toilet	Flush toilets in the school	Baroque book 6 page 173
	2			Ecosan latrines	<p>The learner States the meaning of Erosan latrine</p> <p>Mentions the types of Ecosans</p> <p>Suggests the advantages of ecosan latrines</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Ecology - Sanitation - Single pit - Twin pit - Urine - Faeces 	<p>Ecosan latrines (meaning)</p> <ul style="list-style-type: none"> - Features of an ecosan latrine - Types of ecosan latrines - Advantages of ecosans - Disadvantages of erosans - How to maintain an ecosan latrine 	Discussion and question and answer	Problem solving, assertiveness and fluency	Answering both oral and written questions	Power point diagram of an ecosan	Cur. Book 6 page 96
	3			Potties	<p>The learner Describes a potty</p> <p>Suggests the use and how to clean or maintain potties</p> <p>Mentions the disadvantages of using potties</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Potty - Defecating - Dispose 	<ul style="list-style-type: none"> - Potties (meaning) - Diagram of a potty - Uses of potties - Maintaining and cleaning of potties - Disadvantages of using potties 	Class discussion	Creative thinking, problem solving and care	Observing the real potty	A real potty	Baroque book 6 the 170
				House ventilation	<p>The learner Explains the importance of proper house ventilation</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Ventilator - Window - Door 	<ul style="list-style-type: none"> - House ventilation (meaning) - Importance of proper house ventilators - Structure of a well ventilated house and use of its features - Damp proof cougar (DPC) <p>Test in Baroque page 175</p>	Question and answer technique	Problem solving			

	4	Human body	The reproductive system	Reproduction	<p>The learner Gives the meaning of reproduction</p> <p>States the types of reproduction</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Sexual - Asexual - Reproduction 	<p>Reproduction (meaning)</p> <ul style="list-style-type: none"> - Types of reproduction - Sexual reproduction - Asexual reproduction - Advantages and disadvantages of sexual and asexual reproduction 	Guided discussion and guided discovery	Critical thinking, self awareness, care and sympathy	Describing the types of reproduction	Diagrams of a sexual reproduction	Curr. P.6 page 98 – 100
	5			Growth and development	<p>The learner States the meaning of growth and development</p> <p>Explains puberty and adolescence</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Growth - Development - Puberty - Adolescence - Adolescent 	<ul style="list-style-type: none"> - Meaning of growth - Meaning of development - Puberty (meaning) - Adolescence (meaning) - An adolescent 	Question and answer and guided discussion	Problem solving, effective communication, critical thinking and problem solving	Differentiating between growth and development , text boob reading about changes during adolescence	Text books	Baroque book page 177 and Baroque book 6 page 178
				Changes during adolescence	<p>States the types of changes during adolescence</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Psychological - Emotional - Out of step 	<p>Types of changes during adolescence</p> <ul style="list-style-type: none"> - Sex characteristics - Psychological and emotional changes - Out of step adolescent changes 					
5	1			Sex characteristics	<p>The learner Gives the meaning of primary sex characteristics</p> <p>States the primary sex characteristic in boys and girls</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Tastes - Sperms - Ova - Menstruation - Penis 	<p>Sex characteristics (meaning)</p> <ul style="list-style-type: none"> - Primary sex characteristics (meaning) - Primary sex characteristics in boys - Primary sex characteristics in girls - Primary sex characteristics in both boys and girls 	Conducted class discussion	Self awareness, decision making and responsibility	Text book reading	Baroque , comprehensive and text books	

		Human body	The reproductive system		The learner Gives the meaning of secondary sex characteristic States the secondary sex characteristics in boys and girls.	The learner; Reads and uses the words in sentences <ul style="list-style-type: none"> - Sweat glands - Pubic - Voice - Hair 	Secondary sex characteristics (meaning) <ul style="list-style-type: none"> - Secondary sex characteristics in boys - Secondary sex characteristic in girls - Secondary sex characteristics in both boys and girls 	Guided discussion and question and answer	Critical thinking, problem solving and care	Identifying the secondary sex changes in boys and girls		Baroque page 178
	2			Emotional and psychological changes	The learner States the psychological and emotional changes in boys and girls	The learner; Reads and uses the words in sentences <ul style="list-style-type: none"> - Psychological - Emotional - Opposite sex 	Emotional and psychological changes (meaning) <ul style="list-style-type: none"> - Examples of emotional and psychological changes in both adolescent boys and girls 	Guided discovery and explanation	Creative thinking , peer pressure resistance, logic, problem solving and sympathy	Giving the emotional and psychological changes and stating the out of step adolescent changes		Baroque page 179
				Out of step adolescent changes	The learner States the out of step adolescent changes Suggest the problems faced by adolescents	The learner; Reads and uses the words in sentences <ul style="list-style-type: none"> - Bigger - Taller - Conflicts - Anxiety - Desires 	Out of step adolescent changes (meaning) <ul style="list-style-type: none"> - Examples of out of step adolescent changes - Problems faced by adolescents 					
	3			The female reproductive system	The learner Names the parts of the female reproductive system Gives the functions of each part	The learner; Reads and uses the words in sentences <ul style="list-style-type: none"> - Ovary - Oviducts - Uterus - Cervix - Vulva - Oestrogen - Ovum 	<ul style="list-style-type: none"> - Structure of the female reproductive system - Naming parts of the female reproductive system - Functions of some parts of the female reproductive system 	Observation and discussion	Critical thinking, effective communication, care and responsibility	Naming parts of the reproductive system	A chart showing the female reproductive system	Baroque page 182
7	1	Human body	Reproductive system	Male reproductive system	The learner Names the parts of the male reproductive system Gives the functions of the parts of the male reproductive system	The learner; Reads and uses the words in sentences <ul style="list-style-type: none"> - Scrotum - Penis - Sperm ducts - Epididymis 	<ul style="list-style-type: none"> - Structure of the male reproductive system - Naming parts of the male reproductive system - Functions of the parts of the male reproductive system. 	Observation, guided discussion and question and answer	Critical thinking, effective communication and	Naming parts of the male reproductive system	A chart showing the male reproductive system	Baroque page 181

8	2			Fertilization	<p>The learner States the meaning of fertilization</p> <p>Identifies the male and female gametes</p> <p>Explains the stages of fertilization</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Fertilization - Zygote - Sperms - Ova - Nucleus 	<p>Fertilization (meaning)</p> <ul style="list-style-type: none"> - Gametes and gonads - Zygote - Structure of a sperm cell - Structure of an ovum - Stages of fertilization 	Conducted class discussion and guided discovery	Creative thinking and decision making	Drawing the male and female gametes	Diagram of ova and sperm cells	Baroque page 183
	3			Menstruation	<p>The learner Gives the meaning of menstruation</p> <p>Manages menstruation</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Menstruation - Blood - Mucus - Sanitary pads 	<p>Menstruation (meaning)</p> <ul style="list-style-type: none"> - Menstrual cycle - Signs of menstruation - Managing menstruation 	Explanation and question and answer	Problem solving	Explaining how to manage menstruation	The menstrual cycle table	Comprehensive book 6 page
	4			Gestation (pregnancy)	<p>The learner States the human gestation period</p> <p>Identifies the signs of pregnancy</p> <p>Suggests the ways of caring for a pregnant woman</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Gestation - Foetus - Umbilical cord - placenta - Antenatal - Postnatal - Bleeding 	<ul style="list-style-type: none"> - Gestation period - Signs of pregnancy - Human foetus in the uterus - Functions of some parts - Signs of danger during pregnancy - Care for pregnant woman - Antenatal care - Reasons for antenatal care - Post natal care and reasons 	Guided discussion and brain storming	Effective communication, peer pressure resistance, responsibility and	Audio visual learning and questioning oral questions	Audio visual presentation on pregnancy	Baroque page 184
	5	Human body	The reproductive	Teenage pregnancy	<p>The learner Gives the meaning of a teenager</p> <p>States the dangers of teenage pregnancy</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Teenager - Teenage pregnancy 	<ul style="list-style-type: none"> - A teenager - Teenage pregnancy (meaning) - Causes of teenage pregnancy - Dangers of teenage pregnancy 	Discussion c	Critical thinking, decision	Giving the dangers of teenage pregnancy	Text books illustrations	Baroque page 187
	1			Birth	<p>The learner Explains the term birth</p> <p>Identifies the types of twins</p> <p>Explains how sex of a child is determined</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Birth \labour - Twins - Identical - Chromosomes 	<ul style="list-style-type: none"> - Birth (meaning) - Labour in humans - Twins - Types of twins - Multiple births - Barren couples - Sex determination of a child 	Conducted class discussion and guided discovery	Problem solving and effective communication			

2 & 3			Family planning	<p>The learner Gives the meaning of family planning</p> <p>States the advantages of family planning</p> <p>Suggest the reasons why some people produce many children</p> <p>Identifies the natural methods of family planning</p>	<p>The learner; Reads and uses the words in sentences</p> <ul style="list-style-type: none"> - Family planning - Child spacing - Mortality - Basic needs - Abstinence - Rhythm - Coitus interruptus 	<ul style="list-style-type: none"> - Family planning (meaning) - Child spacing (meaning) - Advantages of family planning - Disadvantages of frequent births - Reasons why some parents produce many children - Causes of high infant mortality rates - How to reduce high infant mortality rates - Problems of having many children in a family. - Types of family planning - Natural family planning methods - Advantages and disadvantages of natural family planning methods 	Guided discovery, question and answer and explanation	Critical thinking, problem solving and making discussions	Stating the natural methods of family planning	Teacher's own creativity	Baroque book 6 page 193
4	Human body	The reproductive system		<p>The learner Reads, spells, pronounces and uses the words in sentences</p>	<p>The learner; Reads and uses the words in sentences</p>	<ul style="list-style-type: none"> - Artificial family planning methods - Advantages of using artificial family planning methods - Disadvantages of artificial family planning methods - Myths and misconception about family planning methods 					
5			Diseases of the reproductive system	<ul style="list-style-type: none"> - Identifies the common STDs - States their causes, signs and symptoms - Suggests the ways of controlling STDs 	<ul style="list-style-type: none"> - STDs - Gonorrhoea - Syphilis - Genital - PIDs - Herpes 	<p>Common STDs</p> <ul style="list-style-type: none"> - Gonorrhoea - Syphilis - Candidiasis - Genital warts - Genital herpes - Trichomoniasis - Lump gland coma - Chancroid - HIV / AIDs - PIDS • Signs and symptoms of each disease • Prevention and control of each STD 	Guided discussion, Guided discovery and Question and answer technique	Critical thinking, problem solving, responsibility and care	Suggesting the ways of controlling STDs	Text book illustration and information	Baroque book 6 page 188 – 192

9	1			Disorders of the reproductive system	<ul style="list-style-type: none"> - Identifies the disorder of the male reproductive system - Names the disorders of the female reproductive system - Suggests the way of caring for the reproductive system 	<ul style="list-style-type: none"> - Importance - Ovarian - Inflammation - Ectopic - Prostate - Blocked 	Disorders of the reproductive system <ul style="list-style-type: none"> - Low sperm count - Importance - Enlarged prostate - Blocked sperm ducts - Ovarian tumours - Ectopic pregnancy - Oviduct and ovary inflammation - Blocked oviducts - Care for the reproductive systems 	Class discussion, explanation and question and answer	Critical thinking, effective communication, care and sympathy	Identifying the disorders of the male and female reproductive systems	Text book illustration of blocked oviducts	Baroque book 6 pages 192
	2	Human body	Reproductive system	PIASCY messages	The learner <ul style="list-style-type: none"> - States the PIASCY messages related to adolescence and puberty 	The learner; Reads and uses the words in sentences <ul style="list-style-type: none"> - Virginity - Abstinence 	<ul style="list-style-type: none"> - PIASCY messages about adolescence, puberty and reproductive health - Importance of such PIASCY messages <p>Test in Baroque page 199</p>	Guided discovery and question and answer	Peer pressure resistance and making decisions	Stating PIASCY messages	Text book information	Baroque page 198