



SCIENCE SCHEMES OF WORK STD 5 TERM I

WE EK	LESS ON	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES	TEACHERS ACTIVITY	LEARNER ACTIVITIES	REFERENCE	L. RESOURCES	ASS	REMARKS
1	1	HUMAN BREATHING SYSTEM	Inhaling and exhaling	By the end of the lesson Learner should be able to:- define inhaling and exhaling-record stages involved Develop genuine interest in the process	Explain the meaning of inhaling and exhaling	Drawing diagrams to show inhaling and exhaling	Pri science learner bk pg 1 Trs bk pg 44	Chart	Oral work	
	2	HUMAN BREATHING SYSTEM	Breathing in and out	Learner should be able to:- State what happens when breathing in Draw diagrams showing breathing in and out Develop curiosity in the breathing process	Let learner draw the breathing system	Drawing Observing Discussing	Pri science learner bk pg 1-2 Trs bk pg 45	Chart	Drawing	
	3	HUMAN BREATHING SYSTEM	Parts of the human breathing system	Learner should be able to:- State parts of the breathing system Identify parts of the breathing system Co-operate as they discuss the process	Explaining	Drawing parts of the breathing system	Pri science learner bk pg 2-3 Trs bk pg 44-45	Chart	Drawing	
	4 5	HUMAN BREATHING SYSTEM	Functions of the parts of the breathing system Bronchus and lungs	Learner should be able to:- -State parts of the breathing system (i.e. nose/trachea) -Draw and label nose and trachea - explain the functions of bronchus and lungs	Explain functions of nose and trachea - Draw parts on the chalkboard Oral explanation	- Writing down notes on nose and the trachea - Discussion	Pri science learner bk pg 2,3,4,5	Chart	-Written work -Drawing	
2	1	HUMAN BREATHING SYSTEM	Diaphragm	Learner should be able to:- state the functions of the diaphragm Draw and label the diaphragm Have self confidence as they draw the parts	Explanation Asking oral questions	Discussing Drawing Asking oral questions	Pri science learner bk pg 4-5	Chart	Oral work	



	2	HUMAN BREATHING SYSTEM	Movement of breathing organs	Learner should be able to:- state what happens to body parts during breathing Record what happens in each case Develop self confidence as they draw	Explanation Writing notes on the chalkboard	Drawing Manipulate the apparatus	Pri science learner bk pg 4-5	Chart	Drawing	
	3	DIGESTIVE SYSTEM	Introduction	Learner should be able to:- define digestion Identify the parts involved in digestion Develop curiosity in the digestion process	Asking oral questions Writing points on the chalkboard	Copying notes Asking oral questions	Pri science learner bk pg 5-6	Chart	Oral work	
	4 5	DIGESTIVE SYSTEM	- Parts of the digestive system -Digestion in the mouth	By the end of the lesson Learner should be able to:- -Define parts of the digestive system -Draw and label parts of digestive system -Have genuine interest in the parts of the digestive system -Explain functions of the mouth in digestion -Observe activities in the mouth -Develop curiosity in the process	-Explanation -Guiding the learner in drawing -Drawing teeth -Drawing mouth Explanation	-Drawing -Discussing -Manipulating the apparatus	Pri science learner bk pg 4,5,6	Chart Samples of food	Drawing	
3	1	DIGESTIVE SYSTEM	Drawing parts of the digestive system	Learner should be able to:- explain the shapes of parts Manipulating apparatus as they draw Show curiosity as they draw	Guiding the learner to draw all the parts Observing	Drawing parts of the digestive system	Pri science learner bk pg 6-7 Trs pg 45-46	Chart	Drawing	
	2	DIGESTIVE SYSTEM	Digestion in the stomach	Learner should be able to:- state what happens in the stomach Record the juices present in the stomach Develop curiosity in the functions of the stomach	Explanation Writing notes on the chalkboard	Asking oral questions Discussion	Pri science learner bk pg 7	Chart	Oral work	



	3-4	DIGESTIVE SYSTEM DIGESTIVE INTESTINES (COLON)	Digestion in the small intestines Large intestines (Colon) and the Rectum	Learner should be able to:- state the functions of the ileum -Draw and label parts of the ileum Identify parts of the ileum and develop genuine interest in the functions of the ileum -state what happens in large intestines -Record the functions of colon and rectum -Develop interest in the parts	-Explanation -Drawing parts of the ileum on the chalkboard -Guiding learner in a discussion	-Drawing -Asking oral questions -Drawing parts of the colon and rectum	Pri science learner bk pg 7,8	Chart	Drawing	
	5	DIGESTIVE AND BREATHING SYSTEM	Revision	Learner should be able to:- Answer questions on the two systems Record answers as required Develop curiosity and digestive and breathing system	Guiding learner in a discussion	Answering questions	Pri science learner bk pg 1-8	Chart	Oral work	
4	1	HEALTH EDUCATION	Uses of medicine	By the end of the lesson Learner should be able to:- state the uses of medicine Record uses of medicine in a table Show interest in learning about medicine	Explain	Record uses of medicine	Pri science learner bk pg 11-12	Tablets	Oral work	
	2	HEALTH EDUCATION	Classes of Medicine	Learner should be able to:- Classify medicine Draw a table showing classes of medicine	Guide learner to classify medicine	Discussion Sorting out medicine	Pri science learner bk pg 11-12	Tablets and other medicine	Oral work	
	3	HEALTH EDUCATION	Instructions and precautions of medicine	Learner should be able to:- Explain proper use of medicine Record precautions in handling medicine Have genuine interest in medicine	Guiding learner in recording	Recording Sorting out medicine	Pri science learner bk pg 12-13	Tablets and other medicine	Written work	



	4& 5	HEALTH EDUCATIO N	-Proper storage of medicine -Handling chemicals at home	Learner should be able to:- State proper storage of medicine Draw diagrams showing storage of medicine Show curiosity in learning medicine -State how to handle chemicals at home Manipulate various chemical containers Be responsible when handling chemicals	-Guiding learner to draw -Guide learner in handling chemical containers	-Drawing Discussing -Drawing Manipulating apparatus	Pri science learner bk pg 14,15,15,16	-Chart	-Drawing	
5	1	HEALTH EDUCATIO N	Treatment for person	Learner should be able to:- Explain safety measures when handling medicine Manipulate some chemical containers Show interest in person treatment	Guiding learner to draw and record	Writing notes Asking oral questions	Pri science learner bk pg 17	Chart	Written work	
	2	HEALTH EDUCATIO N	Revision	Learner should be able to:- answer questions on health education Record results properly Show interest in learning health education	Writing questions on the chalkboard	Answering questions Making corrections	Pri science learner bk pg 18	Chart	Written work	
	3	HIV AND AIDS	Definitions	Learner should be able to:- define HIV and AIDS Observe pictures of HIV patients Have positive attitude in helping HIV+ people	Writing questions Drawing on the chalkboard	Writing Short notes	Pri science learner bk pg 18	Chart	Written work	



	4&5	HIV AND AIDS	-Ways in which HIV is spread -How HIV is spread in each way	By the end of the lesson Learner should be able to:- state ways in which HIV is spread -Record ways in which HIV is spread -Have genuine interest in learning about HIV -show how HIV is spread in every way -Record ways of transmitting HIV -Show curiosity in HIV and AIDS	-Asking oral questions -Writing notes on the chalkboard -Writing notes on the chalkboard	-Copying notes -Copying question and asking oral questions	Pri science learner bk pg 20,20 & 21	Chart	Written work	
6	1	HIV AND AIDS	Ways in which HIV is not spread	Learner should be able to:- state ways in which HIV is not spread Record was in which HIV is not spread Show curiosity in HIV and AIDS	Asking oral questions Arranging learner in groups	Discussing Writing short notes	Pri science learner bk pg 22-23	Chart	Written work	
	2&3	HIV AND AIDS	-Stages of HIV infection -Prevention of spread of HIV	Learner should be able to:- state stages of HIV infection -state ways of preventing HIV -Record ways of preventing HIV	-Asking oral question -Arranging learner in groups	-Discussing -Discussing Writing notes	Pri science learner bk pg 24-25,27-28.	-Pictures -Chart	- Discussion	
	4	HIV AND AIDS	Revision (HIV and AIDS)	Learner should be able to:- answer questions on HIV and AIDS Record answers correctly Have interest in learning about HIV	Writing questions on the chalkboard	Answering questions	Pri science learner bk pg 28-29	Chart	Written work	
	5	PLANTS	Introduction (Plants)	Learner should be able to:- state parts of a plant Draw and label parts of a plant Show interest in learning about plants	Guiding learner to draw	Drawing and labelling	Pri science learner bk pg 31	Chart	Drawing	



7	1	PLANTS	Identification of different types of plants	By the end of the lesson the Learner should be able to:- state types of plants Identify parts of plants Manipulate some species of plants	Distributing some parts of a plant	Sharing parts of a plant Drawing	Pri science learner bk pg 31-32	Parts of a plant	Observation	
	2	PLANTS	Classification of plants	Learner should be able to:- explain methods of classifying plants Classify plants Show interest as they classify plants	Guide learner in classifying plants	Classifying Drawing	Pri science learner bk pg 32	Parts of a plant	Observation	
	3&4	PLANTS	-Green plants -Parts of green plants	Learner should be able to:- State types of green plants Record/draw some green plants -state parts of green plants -Identify parts of green plants -Show interest in learning about plants	-Guiding learner to draw plants -Grouping learner Explanation	-Drawing -Sorting -Asking questions -Writing important notes -Discussing	Pri science learner bk pg 32-33,32-33	Species of plants	-Drawing -Written work	
	5	PLANTS	Non-green plants	Learner should be able to:- Types of non-green plants Draw label non-green plants Show interest in non-green plants	Grouping learner for discussion Explanation	Discussing Drawing	Pri science learner bk pg 33	Species of plants	Observation	
8	1	PLANTS	Classifying non-green plants	Learner should be able to:- State harmful and harmless non-green plants Draw a table and classify the plants Show interest in non-green plants	Drawing a table on the chalkboard	Classifying plants and drawing	Pri science learner bk pg 33-34	Non-green plants	Drawing	
	2	PLANTS	Functions of external parts of plants (roots)	Learner should be able to:- Define absorption in roots Carry out experiment on absorption Show curiosity in absorption	Arranging apparatus on the table	Carrying out the experiment	Pri science learner bk pg 39	A chart	Observation	



	3&4	PLANTS	-Functions of external parts of plants -Functions of external parts of plants (leaves)	Learner should be able to:- -State other functions of roots and stem Draw types of stems and roots -Show interest in learning about roots -State functions of roots Carry out experiments to show transpiration -Learn to co-operate as they do the experiment	-Guiding learner to draw -Arranging the apparatus on the table -Explanation	-Sorting -Drawing -Labelling -Carrying out the experiment	Pri science learner bk pg 40,44-45	-Types of roots -Leaves	-Drawing -Observation	
	5	PLANTS	Functions of external parts of plants	Learner should be able to:- State the functions of flowers and fruits Draw and label parts of a flower Show interest in flowers and fruits	Displaying some fruits and flowers	Writing notes Drawing	Pri science learner bk pg 45-46	Some flowers and fruits	Written work	
9	1	PLANTS	Types of roots	Learner should be able to:- State types of roots Draw various roots Show curiosity in learning about roots	Guiding learner in drawing	Drawing Discussing	Pri science learner bk pg 46	Types of roots	Drawing	
	2	PLANTS	Revision	Learner should be able to:- answer questions on plants	Writing questions on the chalkboard	Discussing Answering questions	Pri science learner bk pg 47	Past papers	Written work	
	3	PLANTS	Revision	Learner should be able to:- answer questions on green and non-green plants	Writing questions on the chalkboard	Discussing	Pri science learner bk pg 47-48	Past papers	Discussion	
	4&5	WEATHER	-Introduction -A rain gauge	Learner should be able to:- define weather -Record terms used in weather -Show interest in learning weather -Draw a rain gauge	-Writing notes on the chalkboard -Guiding learner to draw	-Copying notes -Drawing a rain gauge	Pri science learner bk pg 50,51	A chart	-Written work -Drawing	
10	1	BREATHING SYSTEM	Revision	Learner should be able to:- Answer questions on breathing system	Writing questions on the chalkboard	Copying/answering questions	Pri science learner bk pg 1-3	A chart	Written work	



	2	DIGESTIVE SYSTEM	Revision	Learner should be able to:- Answer questions on digestive system	Giving instructions on answering questions	Answering questions	Pri science learner bk pg 17-19	A chart	Answering questions	
	3&4	-HEALTH EDUCATION -HIV/AIDS	Revision	Learner should be able to:- Answer questions on health education - answer questions on HIV/AIDS	-Writing questions on the chalkboard -Giving instructions	-Asking oral questions -Answering questions	Pri science learner bk pg 20-28 31	A chart	-Oral work - Answering questions	
	5	PLANTS	Revision	Learner should be able to:- answer questions on plants	Writing questions on the chalkboard	Answering questions Discussing	Pri science learner bk pg 40-49	A chart	Written work	
11	1	WEATHER	Wind vane	Learner should be able to:- state parts of a rain gauge draw parts of a rain gauge, cooperate as they discuss how a rain gauge works	Drawing a rain gauge on the chalkboard	Discussing Asking oral questions	Pri science pg 55	Part of a rain gauge	Oral work	
	2	WEATHER	Wind vane & constructing	Learner should be able to:- construct a wind vane. State materials used develop interest in a wind vane	Listing the apparatus on the chalk board	Assembling the apparatus	Pri science pg 55	Pieces of wood, nails	Construction	
	3	WEATHER WIND VANE	Using a wind vane	Learner should be able to:- state how a wind vane is used. - use a wind vane - Show curiosity as they learn of it	Guiding on how to answer questions	-Manipulating apparatus -Discussing	Pri science pg 56	A constructed wind vane	Observation	
	4&5	WEATHER WIND SOCK	Wind sock	Learner should be able to:- - define a wind sock, draw a wind sock, -show curiosity as they learn of it.	-writing summary points on the chalk board	-Drawing a windsock -Oral questions	Pri science pg 57-58	-Polythene bags -Pieces of wood	Drawing	
12	1	WEATHER WIND SOCK	Constructing a wind sock	Learner should be able to:- state materials needed to construct a wind sock Construct a wind sock -Develop curiosity as they learn about a windsock	Explaining Listing the apparatus needed	Assembling the apparatus	Pri science pg 57-58			

