STD 8 SCIENCE SCHEMES OF WORK TERM 2 - 2020

WEEK	LESSON	TOPIC	SUB-TOPIC	OBJECTIVES	T/L ACTIVITIES	T/L AIDS	REFERENCE	RMKS
1	1	ENVIRONMENT	-soil pollution -Effects of soil pollution	By the end of the lesson the learner should be able to: 1. Explain meaning of soil pollution. 2. Describe effects of soil pollution.	-Revision -Explanation -Discussion -Writing	Real soil samples -clay -loam -sand	Pri sci. ppls bk pg 44 . 2 pg 66 l soil samples	
	2	‘’	Soil conservation	By the end of the lesson the learner should be able to: 1. Explain meaning of soil conservation. 2. Describe soil conservation methods	-Explanation -Discussion -Writing -Question-answer	-Real soil samples -Pictures -Diagrams	Sci bk pg 90 ✔	✔
	3	‘’	Air pollution	By the end of the lesson the learner should be able to: 1.Practice soil conservation 2. Describe how air gets polluted	-Revsion -Explanation -Discussion -Writing	-A chart showing causes of air pollution	Pry. scie ppls bk pg 97	
	4	‘’	Effects of air pollution	By the end of the lesson the learner should be able to: State effects of air pollution	-Revision -Explanation -Discussion -Writing	-Text books -Pictures	Pry. scie ppls bk 8 pg 102	
	5	‘’	Ways of controlling air pollution	By the end of the lesson the learner should be able to: Identify ways in which air pollution can be controlled	-Revision -Explanation -Discussion -Writing -Ques-ans	-Text books -Pictures	Pry. scie ppls bk 8 pg 104	
2	1	FOOD AND NUTRITION	Nutrition for special groups -pregnant mother -lactating mother	By the end of the lesson the learner should be able to: Identify nutritional requirement for special groups.	-Explanation -Discussion -naming -Writing	Real food samples -Pictures	Pry. scie ppls bk 8 pg 113	
	2	‘’	Nutrition for infants -Value of breast milk	By the end of the lesson the learner should be able to: 1.Identify nutritional requirements for special groups. 2. Describe value of breast milk (advantages)	-Revision -Explanation -Discussion -Writing -Ques-ans	-Real food samples -Pictures	Pry. scie ppls bk 8 pg 117	
	3	‘’	Nutrition for people with HIV/AIDS	By the end of the lesson the learner should be able to: Identify nutritional requirements for special groups	-Revision -Explanation -Discussion	-Real food samples -Pictures	Pry. scie ppls bk 8 pg 118	

					-Asking and answering oral questions			
	4		FOOD POISONING -Causes of food poisoning	By the end of the lesson the learner should be able to: 1.Name Causes of food poisoning	-Revision -Explanation -Discussion -Writing	Chalkboard	Pry. scie ppls bk 8 pg	
	5		-Ways of preventing food poisoning	By the end of the lesson the learner should be able to: -State ways of preventing food poisoning	‘’	Chalkboard	‘’	
3	1	ENERGY	Meaning -Types of energy	By the end of the lesson the learner should be able to: 1. Explain what energy is 2. Describe different types of energy	-Revision -Defining -Discussion -Stating	-chart showing types of energy	Pry. scie ppls bk 8 pg 128	
	2	Different types of energy		By the end of the lesson the learner should be able to: 1.Describe different types of energy	-Revision -Defining -Discussion -Writing -Stating	-Chart showing types of energy	Pry. scie ppls bk 8 pg 136	
	3	,,		By the end of the lesson the learner should be able to: 1.Describe different types of energy	‘’	Chalkboard	‘’	
	4	ENERGY	Transformation of energy in electric circuit	By the end of the lesson the learner should be able to: ● Describe transformations of energy	-Explanation -Discussion -Experimentation -Observing -Naming	Real material eg cells,bulbs.wires	Pry. scie ppls bk 8 pg 141	
	5	‘’	CAT	Pupils will do a CAT on food and nutrition and energy	-Doing a CAT on topics covered	Written questions	-Chalkboard -Textbooks	
4	1	ENERGY	Energy transformation in food.	By the end of the lesson the learner should be able to: - Describe transformation of energy.	-Explanation -experimentation -Discussion -observation -writing	Chart showing energy transformations in food.	Pry. scie ppls bk 8 pg pg 143	
	2	,,	Energy transformation in burning fuels	By the end of the lesson the learner should be able to: - Describe transformation of energy in burning fuels	-Explanation -experimentation -Discussion -observation	Real fuels eg. firewood, kerosene. -charts showing changes.	Pry scie pls bk 8 pg 140	

	3	,,	Energy transformation in a radio.	By the end of the lesson the learner should be able to: - Describe transformation of energy	-Explanation -experimentation -Discussion -observation	Real radio -Charts showing changes	Pry scie pls bk 8 pg 144	
	4	,,	Simple electromagnet	By the end of the lesson the learner should be able to: - Describe transformation of energy.	-Explanation -experimentation -Discussion -observation	Real material eg. cells, wires, bulbs,nails etc	Pry scie pls bk8 pg 145	
	5		CAT	Pupils will do a cat on topic energy.	-Doing a cat - Marking -Revision	Written question.	-chalkboard -textbooks	
5	1	Energy	Methods of conserving energy	By the end of the lesson the learner should be able to: - State methods of conserving energy	-Revision -Explanation -Discussion -Writing.	Chart showing methods of conserving energy.	Pry. scie pls bk 8 pg 147 Scie in action pg 74	
	2	,,	,,	By the end of the lesson the learner should be able to: - state methods of conserving energy in revision .	-Revision -Explanation -Discussion -Writing	Chart showing methods of conserving energy.	Pry. scie pls. pg 147 Scie inaction pg 74	
	3	Making work easier	Simple machines -ladder -stair case -road winding up a hill	By the end of the lesson the learner should be able to: - Investigate how inclined planes make work easier.	-Explanation -experimentation -measuring -recording -observation	-Metre rule -Vertical stand -Weight -Screws -ladder -tamp.	Syllabus vol 2pg.71 Pry scie pls pg 160-163	
	4	"	"	By the end of the lesson the learner should be able to: Investigate how inclined planes make work easier.	"	"	2pg.71 Pry scie pls	
	5	,,	CAT	Pupils will answer typed questions on topics covered .	-Answering typed questions	Typed questions on papers	Chalkboard. Question booklets	
6	1	,,	PULLEYS -meaning Single fixed pulley	By the end of the lesson the learner should be able to: 1. investigate how single fixed pulley make work easier	-Explanation -experimentation -observation -discussion -recording	Real pulleys from the scie. kit	Syllabus vol. 2 pg 71 Pry scie. pls bk8 pg 164	
	2	,,		By the end of the lesson the learner should be able to: 1) investigate how single fixed pulley make work easier 2) state uses of single fixed pulley	-Explanation -experimentation -observation -discussion -recording -stating	Real pulley from the scie kit.	Pry scie pls bk 8 pg 165	

	-	REVISION (health education)	By the end of the lesson the learner should be able to: answer oral and written questions on topic covered.	-group discussion -reporting -	Writing questions	-text books -past papers	
7	-	REVISION (Animals)	By the end of the lesson the learner should be able to: - answer oral and written questions on topic covered	- group discussion - writing - reporting -	Written questions	Text books Past papers	
8	-	REVISION (Making work easier)	By the end of the lesson the learner should be able to: - answer written questions on making work easier	- groups discussion - writing - reporting	Written questions	Text books Past papers	
9	-	REVISION (Energy)	By the end of the lesson the learner should be able to: - perform different activities to demonstrate energy transformation	- naming materials - performing experiments - observations - recording	Real materials brought to class	Text books Science kit	
10	-	REVISION (Environment)	By the end of the lesson the learner should be able to: - questions on topic environment	- group discussion - writing - reporting	Written questions	Text books Past papers	
11	**END TERM TWO EXAMS**						