

SRILANKAN SCHOOL- MUSCAT			SCHEME OF WORK		ACADEMIC YEAR 2016/2017	
CLASS: YEAR 6			SUBJECT: SCIENCE			
TEACHERS : MS. RUKLANTHI LIYANAHETTI, MS VIMANSANI WARNAKULA, MS. THAMODINI KARUNASINGHE						
Month	No. of Periods	Unit No.	TOPIC /DETAILS	ILO		Remarks
September						
School Reopens-1 st Term						
Week1	4	1.1	Where our major organs to be found	Explore where humans major organs to be found in the human body		
Week2	8	1.1	Human blood circulatory ssystem	Describe the basic structure of the human blood circulatory system and explain the function of each part		
Week3	4	1.1	Human excretory system	Describe the basic structure of the human excretory system and explain the function of each part		
Week4	8	1.1	Human digestive system	Describe the basic structure of the human digestive system and explain the function of each part		
Week5	8	1.1	Human respiratory system	Describe the basic structure of the human respiratory system and explain the function of each part		
			Assessment 1/ Discussion			
October						
Week6	6	1.1 / 1.2	Human Nervious system / Scientific names for major organs.Difference between Reversible and Irreversible changes	Describe the basic structure of the human nervous system and explain the function of each part / Name some major organs scientifically		
Week7	8	4.1	Good or poor conductors	Investigat how some materials are better conductors of electriciy and name them		
Week8	8	4.2	Using metals and plastics	Identify properties of matal to be good coundctors and		

				plastics to be good insulators. Describe day to day use of conductors and insulators	
Week9	8	4.3 / 4.4	making and Breaking circuits Circuits diagrams	/ predict and test the effects of making changes to circuits	
			Assessment 2/ Discussions		
November					
Week10	6	4.4	Circuits diagrams	Draw diagrams of circuits using standard symbols	
Week11	8	2.5	Difference between Reversible and Irreversible changes	Identify the different between a reversible and irreversible change	
Week12	8	2.2	Can mixtures be seperated	Explore how solids can be mixed and how it is often possible to separate them again	
week 13	8	2.3	Adding solids to water	Find about changes that happen when some solids are added to water	
Week14	8	2.4	Investigate solids and Solution	Explore how some solids dissolve in water to form solutions and identify substances in them	
December					
Week 15 & 16			Revision / 1 st Term Examinations		
Week17			Paper correction and distribution of reports		
Week 18			December vacation		
January					
Week 19			December Vacation		
Week20	8	2.5	Separate solids from solutions	separate some solids that do not dissolve or react with water by filtering	
Week21	8	2.5	Separate solids from solutions	separate some solids that do not dissolve or react with water by filtering	
Week22	8	3.1	Use food chains to represent food relationships	Represent feeding relationships in a habitat using food chains	

Week23	8	3.2	Energy flow through food chains and pyramids	Represent energy flowings through food chains	
			Assessment 3/Discussion		
February					
Week24	8	3.3	producers and concumers / prey and predators	Describe the terms concumer, Producer, Prey and Predator	
Week25	8	3.4	Different habitats, different food chains	Construct different food chains in different habitats	
week 26	8	6.1	Gravity and Laws of motion	Explore Gravity and describe the laws of motion	
Week27	8	6.2	Difference between mass and weight	Distinguish between mass measured in kilograms and weight measured in Newtons .	
			Assessment 4/Discussion		
March					
Week28	8	6.3	Investigate forces	Identify the direction in which forces act andDescribe motion of enrgy in movement	
Week29	8		Revision		
Week 30 & 31			2 nd Term Examinations		
April					
Week32			Paper correction and distribution of reports		
Week 33			April vacation		
Week34	6	6.3	Investigate forces	Identify the direction in which forces act andDescribe motion of enrgy in movement	
Week35	8	6.5	Friction	Recognize the friction as a force and it can change the speed objects move	
May					
Week36	8	5.1	Positive and negative effects on our environment	Explore how humans have positive and negative effects on the environment	
Week37	6	5.2	Caring for the environment	Describe the number of ways of caring for the environment	

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Week 39	8	7.1	Evolution	Identify and explain how animals and plants are adapted to suit their environment in different ways and that adaptations may lead to evolution.	
Week40	8	7.1	Evolution		
June					
Week 41	8	7.2	Inheritance	Explain characteristics can be inherited from generation to generation	
Week 42	6		Revision		
Week 43			3 rd Term Examinations		
Week 44			Paper correction and distribution of reports		
July					
Week 45			Paper correction and distribution of reports		
Week46			Summer vacation		