



Pakistan Urdu School- Kingdom of Bahrain
Curriculum Implementation Plan for Science Grade VI First Term

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
	April	08-04-18	Unit No-3 Name of the unit: Photosynthesis and Respiration in Plants	Life science	
1			Photosynthesis	To introduce the meaning of word photosynthesis and idea that photosynthesis is the process by which plants prepare their food	12 days
2			How plant leaves are adapted for photosynthesis	To examine different types of leaves thin, thick broad and narrow	
3			The rate of photosynthesis	To introduce the factors that effect on the rate of photosynthesis	
4			Respiration	To introduce the idea that plants respire just like animals the aerobic respiration	
5			Gases in balance	To identify the reasons how the gases remain in balance	
6			The importance of photosynthesis	To illustrate how photosynthesis is important for all living things on earth	
7			Practical	Transverse section of a green and other colored leaf	
8			Assessment		
9					
10					

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1.	April	21-04-18	Unit No-1 Name of the unit: Cells, tissue and organs.	Life science	
2			Cell (common organelles)	To revise the earlier learning of cells. To introduce the idea that cell is the basic unit of living matter	12 days
3			Structure of Plant cell	To examine and compare plant and animal cells.	
4			Structure of Animals cell	To examine and compare plant and animal cells	
5			Specialist Plant/Animal cell	To show how cells are adapted to their functions	
6			Unicellular/ Multicellular organisms	To compare unicellular and multicellular organisms.	
7			Cells , Tissues, Organs and Organ Systems	To show the organisms are made up of cells, tissues, organs and organ systems	
8			Human Organ Systems	To introduce simple ideas on the main systems of Human Body.	
9			Plant Organs	To show the organs of a typical Plant.	
10			The Optical / Light Microscope and Electron Microscope	To introduce the parts and uses of microscopes	
11			Assessment		

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	May	3-05-18	Unit No-7 Name of the unit: Solutions and Suspensions	Physical Science	
1			Solutions	To demonstrate the components of a typical solution	11 days
2			Types of solutions	To distinguish between aqueous, dilute, concentrated solutions	
3			Water, the universal solvent	To illustrate the uses of water	
4			Other solutions	To explain the term solution is not fixed with liquids ,a solution can be made by mixing solids or liquids	
5			Solubility	To distinguish between soluble and insoluble solvents in water and factors effect on solubility of certain substances	
6			Solutions and suspensions	To illustrate the uses of solutions and suspensions in daily life	
7			Particles and solubility	To explain formation of solution with the help of particle model	
8			Practical	Different kinds of solutions are made in laboratory	
9			Assessment		

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	May	13-05-18	Unit No-11 Name of the unit: Sounds All Around	Physical Science	
1			Sound Waves	To recognize that sound transfer energy from one place to another	09 days
2			Vibrations	To explain that sound is produced by vibrating objects	
3			How Sound Travels	Sound needs medium to travel. It cannot travel in vacuum	
4			The Ear and Hearing	To explain how human ear detect sound	
5			Loud and Soft Sounds	To compare loud and soft sounds	
6			Practical	Produce sound waves by tuning fork	
7			Assessment		