



Pakistan Urdu School- Kingdom of Bahrain
Curriculum Implementation Plan for G. Science Grade IX

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/02	8-4-2018	Chapter 01 - Introduction and role of Science	STRAND-1: LIFE SCIENCE Students will be able to understand, explain and differentiate between the structure, characteristics and basic needs of living things, the processes of life, and will also investigate the diversity of life and how living things interact with each other and their environment.	01	
			1.1 History of Science as a Human Endeavour (Individual, Cultural, and Technological Contributions to Scientific Knowledge)			
2.			1.2 Concept of Science in Islam			
3.			1.3 Brief contribution Of Muslim Scientists			
4.			April/03			1.4 Contribution Of Pakistani Scientists
5.						1.5 Science as an integrated Disciplines
6.						1.6 Role Of Science and Technology
7.	April/04		1.7 Limitations of Science		02	

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1.	May/01	1-5-2018	Unit No 02 – <u>Our Life and Chemistry</u>	STRAND-1: LIFE SCIENCE Students will be able to understand, explain and differentiate between the structure, characteristics and basic needs of living things, the	01
			2.1 Three Basic Elements		
2.			2.2 Different Allotropic Forms Of Carbon		
3.	May/02		2.3 Composition Of Air		02

4.	May/02		2.4 Role and Uses Of Air Gases	processes of life, and will also Investigate the diversity of life and how living things interact with each other and their environment.	04
5.	May/03,04,05 June/01		2.5 Elements necessary For Life <ul style="list-style-type: none"> • In Health • In Agriculture • In Daily Life 		02 <ul style="list-style-type: none"> • 06 • 06 • 06

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			Unit No 05 – <u>Microorganism and Diseases</u>		
1.	Aug, Sep/04,01	27-08-2018	5.1 Diseases and their Causes <ul style="list-style-type: none"> • Bacterial Diseases 	STRAND-1: LIFE SCIENCE Students will be able to understand, explain and differentiate between the structure, characteristics and basic needs of living things, the processes of life, and will also investigate the diversity of life and how living things interact with each other and their environment.	06
2.	Sep/01		5.1 Diseases and their Causes <ul style="list-style-type: none"> • Viral Diseases 		04
3.	Sep/02		5.1 Diseases and their Causes <ul style="list-style-type: none"> • Some other important Diseases 		08
4.	Sep/03		5.2 Diseases and their Causes <ul style="list-style-type: none"> • Spreading of Germs 		01
5.			5.3 Protection From Germs and Diseases		02
6.			5.4 Smoking :A Bad Habitat		01
7.			5.5 Mental Illness		02
	Sep/04		5.6 Drug and Drug Abuse		06

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods	
			Unit No 07 – Energy			
1.	October/01	1-10-2018	7.1 Energy	STRAND-2: PHYSICAL SCIENCE Students will analyze (quantitatively and qualitatively) the structures, properties, forms And patterns in matter and energy, predict changes and interactions, and evaluate theories and structures using knowledge of chemistry and physics.	03	
2.			7.2 Inter Conversion Of Energy		01	
3.			7.3 Energy Demands		01	
4.			7.4 Method Of Acquiring Energy		01	
5.			October/02		7.5 Sources Of energy	01
6.					7.6 Renewable Energy Sources	03
7.					7.7 Units For Measuring Energy 7.8 Energy and environment	02
8.			October/03			7.9 Energy Conservation
9.	Oct/Nov 04/Full	28-10-2018	Revision of Ch. 1, 2, 5, 7			
10.	Nov/Dec	30-11-2018	Exams			

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
			Unit No 09 – Basic Electronics		
1.	Dec/04 Jan/01	30-01-2019	9.1 Semiconductors	STRAND-2: PHYSICAL SCIENCE Students will analyze (quantitatively and qualitatively) the structures, properties, forms And patterns in matter and energy, predict changes and interactions, and evaluate theories and	01
2.			9.2 Semiconductor Diode		01
3.			9.3 Radio Waves 9.5 Radio		02

4.			9.6 Television	structures using knowledge of chemistry and physics.	02
5.	Jan/02		9.6 Cable Television		01
6.			9.6 Satellite Television		01
7.			9.7 Computers		02
8.			9.8 Microprocessor		02
9.	Jan/03		9.9 Information Technologies		06
10.	Jan/Feb		Revision (Full Book)		
11.	Feb	10-02-2018	Exams		