

PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH
SYLLABUS BREAKUP

Class: VIII Federal Subject: Chemistry

Number of Teaching Weeks in First Term: (1 - 17)

Number of Teaching Weeks in Second Term: (18 - 34)

Name of Text Book: Text book of Chemistry by NBF

Week No.	Chapter No.	Day	Topic	Book Page Numbers
1	1	Day 1	Introduction	1,2
		Day 2	Introduction	3,4
		Day 3	Branches of chemistry	5,6
		Day 4	Branches of chemistry	7,8
2		Day 1	Basic Definitions	9,10
		Day 2	Basic Definitions	11,12
		Day 3	Basic Definitions	13,14
		Day 4	Basic Definitions	
3		Day 1	Chemical Species	15,16
		Day 2	Avigadro's number and Moles	17,18
		Day 3	Chemical calculations	19,20
		Day 4	Chemical calculations	21,22
4		Day 1	Chemical calculations	23,24
		Day 2	Chemical calculations	25,26
		Day 3	Chemical calculations	27
		Day 4	Chemical calculations	28,29
5		Day 1	Exercise	
		Day 2	Exercise	
		Day 3	Exercise	
		Day 4	Exercise	

Week No.	Chapter No.	Day	Topic	Book Page Numbers
6	2	Day 1	Theories and Experiments Related to atomic structure	30
		Day 2	Theories and Experiments Related to atomic structure	31
		Day 3	Theories and Experiments Related to atomic structure	32
		Day 4		33
7		Day 1	Isotopes	34
		Day 2	Isotopes	35
		Day 3	Electronic Configuration	36
		Day 4	Electronic Configuration	37
8		Day 1	Electronic Configuration	38
		Day 2	Exercise	
		Day 3	Exercise	
		Day 4	Exercise	
9	3	Day 1	Periodic Table	42
		Day 2	Periodic Table	43
		Day 3	Periodic Table	44
		Day 4	Periodic Table	45
10		Day 1	Periodic Table	45
		Day 2	Periodic Table	47
		Day 3	Periodic Table	48
		Day 4	Periodic Table	49
11		Day 1	Periodic Table	50
		Day 2	Periodicity of properties	51
		Day 3	Periodicity of properties	52
		Day 4	Periodicity of properties	53

Week No.	Chapter No.	Day	Topic	Book Page Numbers
12		Day 1	Periodicity of properties	54
		Day 2	Periodicity of properties	55
		Day 3	Periodicity of properties	56
		Day 4	Periodicity of properties	57
13		Day 1	Exercise	
		Day 2	Exercise	
		Day 3	Exercise	
		Day 4	Exercise	
14		Day 1	Revision of Chapter 1	
		Day 2	Revision of Chapter 1	
		Day 3	Revision of Chapter 1	
		Day 4	Revision of Chapter 1	
15		Day 1	Revision of Chapter 2	
		Day 2	Revision of Chapter 2	
		Day 3	Revision of Chapter 2	
		Day 4	Revision of Chapter 2	
16		Day 1	Revision of Chapter 3	
		Day 2	Revision of Chapter 3	
		Day 3	Revision of Chapter 3	
		Day 4	Revision of Chapter 3	
17		Day 1	Test Chapter 1	
		Day 2	Test Chapter 1	
		Day 3	Test Chapter 2	
		Day 4	Test Chapter 3	

Week No.	Chapter No.	Day	Topic	Book Page Numbers
18	4	Day 1	Why do atoms react?	62
		Day 2	Why do atoms react?	63
		Day 3	Chemical Bonds	64
		Day 4	Types of Bonds	65
19		Day 1	Types of Bonds	66
		Day 2	Types of Bonds	67
		Day 3	Types of Bonds	68
		Day 4	Types of Bonds	69
20		Day 1	Types of Bonds	70
		Day 2	Types of Bonds	71
		Day 3	Intermolecular Forces	72
		Day 4	Intermolecular Forces	73
21		Day 1	Intermolecular Forces	74
		Day 2	Intermolecular Forces	75
		Day 3	Exercise	76
		Day 4	Exercise	77
22		Day 1	Exercise	78
		Day 2	Exercise	79
		Day 3	Exercise	
		Day 4	Exercise	
23	5	Day 1	Introduction	80
		Day 2	Gaseous state	81
		Day 3	Gaseous state	82
		Day 4	Laws related to Gases	83

Week No.	Chapter No.	Day	Topic	Book Page Numbers
24		Day 1	Laws related to Gases	84
		Day 2	Laws related to Gases	85
		Day 3	Laws related to Gases	86
		Day 4	Laws related to Gases	87
25		Day 1	Laws related to Gases	88
		Day 2	Liquid State	89
		Day 3	Liquid State	90
		Day 4	Liquid State	91
26		Day 1	Liquid State	92
		Day 2	Liquid State	93
		Day 3	Solid State	94
		Day 4	Solid State	95
27		Day 1	Solid State	96
		Day 2	Types of Solids	97
		Day 3	Allotropes	98
		Day 4	Comparison of physical States of Matter	99
28		Day 1	Comparison of physical States of Matter	100
		Day 2	Comparison of physical States of Matter	101
		Day 3	Exercise	102,103
		Day 4	Exercise	104,105
29	6	Day 1	Solution, Aqueous solution	106
		Day 2	Saturated, Unsaturated, Supersaturated solution	107
		Day 3	Types of Solutions	108
		Day 4	Types of Solutions	109

Week No.	Chapter No.	Day	Topic	Book Page Numbers
30		Day 1	Types of Solutions	110
		Day 2	Concentration Units	111
		Day 3	Concentration Units	112
		Day 4	Concentration Units	113
31		Day 1	Concentration Units	114
		Day 2	Concentration Units	115
		Day 3	Concentration Units	116
		Day 4	Solubility	117
32		Day 1	Solubility	118
		Day 2	Solubility	119
		Day 3	Comparison of Solutions, Suspension and Colloids	120
		Day 4	Comparison of Solutions, Suspension and Colloids	121
33		Day 1	Exercise	123
		Day 2	Exercise	124
		Day 3	Exercise	125
		Day 4	Exercise	
34		Day 1	Test of Chapter 4	
		Day 2	Test of Chapter 5	
		Day 3	Test of Chapter 6	
		Day 4	Test of Chapter 6	