

PAKISTAN INTERNATIONAL SCHOOL BURAIDAH,
AL-QASSIM. SAUDI ARABIA.



CHEMISTRY
SYLLABUS
CLASS IX
(Federal)

PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH
SYLLABUS BREAKUP

Class: IX Subject: Chemistry

Number of Teaching Weeks in First Term: (1 - 14)

Number of Teaching Weeks in Second Term: (15 - 28)

Name of Text Book:

Week No.	Chapter No.	Day	Topic	Book Page Numbers
1	11	Day 1	Composition of Atmosphere, Air Pollutants	154-156
		Day 2	Sources of Air Pollution, Global Warming	157-159
		Day 3	Acid Rain and Effects	159-160
		Day 4	Catalytic Converters, Strategies to (R.E.P)	161-162
2	11	Day 1	Personal Protective measure against pollution	163
		Day 2	Review Questions	164-165
		Day 3	Think Tank	165
		Day 4	Project	165
3	12	Day 1	Properties of Water	167-168
		Day 2	Water as Solvent	169-170
		Day 3	Treatment of Domestic water supply	170-171
		Day 4	Water Pollution	171-172
4	12	Day 1	Water Borne Diseases	172-173
		Day 2	Ways to deal with the negative effects of water Pollution	173-174
		Day 3	Review Questions	175
		Day 4	Think Tank	176
5	13	Day 1	Organic Compounds , Homologous series	178-179
		Day 2	Structural Formula	179-181
		Day 3	Saturated and unsaturated Hydrocarbons	182-183
		Day 4	Classification of Organic Compounds	183-185

Week No.	Chapter No.	Day	Topic	Book Page Numbers
6	13	Day 1	Functional Groups	186-187
		Day 2	Functional Groups	188-189
		Day 3	Functional Groups	190-191
		Day 4	Review Questions	192-193
7	13	Day 1	Think Tank	193
		Day 2	Think Tank	194
		Day 3	Think Tank	194
		Day 4	Project	194
8	14	Day 1	Alkanes and preparation	196-197
		Day 2	Properties of Alkanes	197-198
		Day 3	Review Questions	199
		Day 4	Review Questions	199
9	14	Day 1	Review Questions	199
		Day 2	Think Tank	199
		Day 3	Think Tank	199
		Day 4	Practice of Conversion of Compounds	199
10	15	Day 1	Nutrition and Healthy Eating	201-202
		Day 2	Classification of Carbohydrates,Protein	203-204
		Day 3	Lipids,Nucleic Acids	204-205
		Day 4	Basic Components of Food	206-207
11	15	Day 1	Basic Components of Food	208-209
		Day 2	Review Questions	210-211
		Day 3	Review Questions	211
		Day 4	Project	212

Week No.	Chapter No.	Day	Topic	Book Page Numbers
12	Revision	Day 1	Revision CH 11	
		Day 2	Test CH 11	
		Day 3	Revision CH 12	
		Day 4	Test CH 12	
13	Revision	Day 1	Revision CH 13	
		Day 2	Revision CH 13	
		Day 3	Test CH 13	
		Day 4	Revision of CH 14	
14	Revision	Day 1	Test CH 14	
		Day 2	Revision of CH 15	
		Day 3	Revision of CH 15	
		Day 4	Test CH 15	
15	16	Day 1	Standard units	214-216
		Day 2	Conversion of Units	216-217
		Day 3	Scientific Notation	217-219
		Day 4	Tools and Techniques	220-223
16	16	Day 1	Review Questions	
		Day 2	Review Questions	
		Day 3	Practical	
		Day 4	Practical	
17	17	Day 1	Methods of separations	228-229
		Day 2	Methods of Separations	230-231
		Day 3	Methods of separations	232-233
		Day 4	Methods of Separations	234-235

Week No.	Chapter No.	Day	Topic	Book Page Numbers
18	17	Day 1	Review Questions	236
		Day 2	Practical	
		Day 3	Practical	
		Day 4	Practical	
19	18	Day 1	Detection of Gases	238-239
		Day 2	Detection of Gases	240-241
		Day 3	Detection of Metal Ions(Practical)	241-242
		Day 4	Review Questions	243
20	19	Day 1	Principle of Chromatography	245
		Day 2	Locating Agent	246
		Day 3	Paper Chromatography (Practical)	247
		Day 4	Review Questions	247
21		Day 1	Revision of CH 1,2	
		Day 2	Test CH 1,2	
		Day 3	Revision of CH 3,4	
		Day 4	Test CH 3,4	
22		Day 1	Revision of CH 5,6	
		Day 2	Test CH 5,6	
		Day 3	Revision of CH 7,8	
		Day 4	Test CH 7,8	
23		Day 1	Revision of CH 9,10	
		Day 2	Test CH 9,10	
		Day 3	Revision of CH 11	
		Day 4	Test CH 11	

Week No.	Chapter No.	Day	Topic	Book Page Numbers
24		Day 1	Revision of CH 12	
		Day 2	Revision of CH 12	
		Day 3	Test CH 12	
		Day 4	Revision CH 13	
25		Day 1	Revision of CH 13	
		Day 2	Revision of CH 13	
		Day 3	Revision of CH 13	
		Day 4	Test CH 13	
26		Day 1	Revision of CH 14	
		Day 2	Test CH 14	
		Day 3	Revision of CH 15	
		Day 4	Revision of CH 15	
27		Day 1	Revision of CH 15	
		Day 2	Revision of CH 15	
		Day 3	Test CH 15	
		Day 4	Revision of CH 16	
28		Day 1	Revision of CH 16	
		Day 2	Revision of CH 16	
		Day 3	Revision of CH 16	
		Day 4	Test CH 16	