

PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH
SYLLABUS BREAKUP

Class: Six Subject: Science

Number of Teaching Weeks in First Term: (1 - 16)

Number of Teaching Weeks in Second Term: (17 - 32)

Name of Text Book: SCIENCE FACT FILE 1 DAVID COPPOCK - OXFORD

Week No.	Chapter No.	Article Name	Topic	Book Page Numbers
1	1	Science Skills	What is Science	2
		Science Skills	Three main areas of study , Biology , Chemistry, Physics	3 , 4
		Science Skills	Laboratory safety	4
		Science Skills	Taking measurements	5
2	1	Science Skills	Taking measurements	6
		Science Skills	Test yourself	7
		Science Skills	Making difficult measurements , Problem 1	7
		Science Skills	Problem 2, problem 3	8
3	1	Science Skills	Handling data	9
		Science Skills	Line graphs , Pie chart	10
		Science Skills	Doing a scientific investigation	11
		Science Skills	Doing a scientific investigation	12 , 13
4	1	Science Skills	Work book 1	2
		Science Skills	Work book 1	3 , 4
		Science Skills	Work book 1	5
		Science Skills	Test	
5	2	Life and living things	Intoduction	16
		Life and living things	Life processes	17 , 18
		Life and living things	Cells	19
		Life and living things	Animal cell vs plant cell	20

Week No.	Chapter No.	Article Name	Topic	Book Page Numbers
6	2	Life and living things	Special cells for special jobs	21
		Life and living things	Cells , tissues , organs	22
		Life and living things	Organ systems	23
		Life and living things	Sense organs , Eye	24 , 25
7	2	Life and living things	How do eyes work?	25
		Life and living things	Ears , skin	26 , 27
		Life and living things	Tongue , Nose	28
		Life and living things	Work book 1	6 , 7 , 8
8	2	Life and living things	Work book 1	9 , 10
		Life and living things	Work book 1	11 , 12
		Life and living things	Work book 1	13
		Life and living things	Test	
9	3	Energy resources	Intoduction	32
		Energy resources	How do fuels release energy	33
		Energy resources	Fossil fuels	34 , 35
		Energy resources	Burning fossil fuels	36 , 37
10	3	Energy resources	Conservation of energy supplies	38 , 39
		Energy resources	Renewable energy resources	40 , 41
		Energy resources	Renewable energy resources	42 , 43
		Energy resources	How do living things use energy	44 , 45
11	3	Energy resources	Work book 1	14 , 15
		Energy resources	Work book 1	16 , 17 , 18
		Energy resources	Work book 1	19 , 20 , 21
		Energy resources	Test	

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12	4	Electrical circuits	Intoduction + Conductor and insulators	50 , 51 , 52
		Electrical circuits	More electrical components	53
		Electrical circuits	Current , Voltage	54 , 55 , 56
		Electrical circuits	Series circuits , Parallel circuit	57 to 60
13	4	Electrical circuits	Parallel circuit in home , Resistance	60 to 63
		Electrical circuits	Work book 1	22 to 24
		Electrical circuits	Work book 1	25 to 27
		Electrical circuits	Test	
14	5	Plants and photosynthesis	Introduction	68 , 69
		Plants and photosynthesis	The chemistryof photosynthesis , The starch test	69 to71
		Plants and photosynthesis	Testing the equation	71 ,72
		Plants and photosynthesis	What happens to the glucose ?	73 , 74
15	5	Plants and photosynthesis	Plants need minerals	74 , 75
		Plants and photosynthesis	Work book 1	28 to 30
		Plants and photosynthesis	Work book 1	31 to 33
		Plants and photosynthesis	Test	
16	6	Particles	Introduction , Solid , liquid , gases	80 , 81
		Particles	The Particle model of solid , liquid , gases	81 ,82
		Particles	Evidence for the particle model	82 , 83
		Particles	Evidence for the particle model	84
17	6	Particles	Expansion and contraction	85 , 86
		Particles	Work book 1	34 to 36
		Particles	Work book 1	37 to 39
		Particles	Test	

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18	7	Forces and their Effects	Introduction of force	90 , 91
		Forces and their Effects	Why do things float	91 ,92
		Forces and their Effects	Stretchy materials	92 , 93
		Forces and their Effects	What is weight	94 , 95
19	7	Forces and their Effects	Slowing things down	95 , 96 ,97
		Forces and their Effects	Work book 1	40 to 42
		Forces and their Effects	Work book 1	43 to 45
		Forces and their Effects	Test	
20	8	Food and digestion	Introduction	102
		Food and digestion	Food types	103
		Food and digestion	Food test	104
		Food and digestion	Digestion	105
21	8	Food and digestion	Digestion	106
		Food and digestion	Small intestine	107
		Food and digestion	Small intestine	108
		Food and digestion	Enzymes	109 , 110
22	8	Food and digestion	What affects enzymes	110 to 112
		Food and digestion	Work book 1	46 to 49
		Food and digestion	Work book 1	50 to 53
		Food and digestion	Test	
23	9	Elements, Compounds and	Introduction	118
		Elements, Compounds and	What is an element	119 , 120
		Elements, Compounds and	Metals and non-metals	121
		Elements, Compounds and	Uses of elements	122

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24	9	Elements, Compounds and	What is an atom	123 , 124
		Elements, Compounds and	Compounds and mixtures	124
		Elements, Compounds and	Compounds and mixtures	125
		Elements, Compounds and	A mixture called air	126
25	9	Elements, Compounds and	Compounds and their uses	127 , 128
		Elements, Compounds and	Work book 1	54 , 55
		Elements, Compounds and	Work book 1	56 , 57
		Elements, Compounds and	Test	
26	10	The solar system	Introduction	132
		The solar system	The planets of our solar system	133 , 134
		The solar system	Planet facts	134 , 135
		The solar system	Days , Months, and Years	136
27	10	The solar system	Days , Months, and Years	137
		The solar system	The seasons	137, 138
		The solar system	The Moon and eclipses	139 , 140
		The solar system	Information from Space; Observations	140 , 141
28	10	The solar system	Information from Space ; space probes	142 , 143
		The solar system	Work book 1	58 to 60
		The solar system	Work book 1	61 to 63
		The solar system	Test	
29	11	The Environment	Introduction	148
		The Environment	Where things live	149 , 150
		The Environment	Where things live	151
		The Environment	Food Chains	152

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		The Environment	Change part of a food web	155 , 156
		The Environment	Energy flow through ecosystems	157 , 158
31	11	The Environment	Work book 1	64 , 65
		The Environment	Work book 1	66 to 68
		The Environment	Work book 1	69 to 71
		The Environment	Test	
32	12	Solutions	Solutions	164 , 165
		Solutions	Separating Solids from liquids	165 , 166
		Solutions	Crystals from solutions	167
		Solutions	Liquids from solutions	168 , 169
33	12	Solutions	Separating coloured substances	169 , 170
		Solutions	Separating solids from a mixtures	170 , 171
		Solutions	Solubility	171 , 172
		Solutions	Work book 1	72 , 73
34	12	Solutions	Work book 1	74 , 75 , 76
		Solutions	Revision	N/A
		Solutions	Revision	N/A
		Solutions	Test	N/A