

PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH
SYLLABUS BREAKUP

Class: Five Subject: Science

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

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

Name of Text Book: Revised Edition Amazing Science - Oxford

Week No.	Chapter No.	Article Name	Topic	Book Page Numbers
1	1	Classification of living things	Classification of living things, Viruses , Protists	2 , 3
		Classification of living things	Bacteria , Algae , Spirogyra	4 , 5
		Classification of living things	Fungi , Lichens , Mosses and liverworts	5 , 6
		Classification of living things	Ferns , Seed-Bearing plants	7
2	1	Classification of living things	Angiosperms , Monocotyledons , Dicotyledons	8
		Classification of living things	The animal Kingdom	9
		Classification of living things	The animal Kingdom	10
		Classification of living things	Vertebrates	11 , 12
3	1	Classification of living things	Prehistoric vertebrates	12
		Classification of living things	Activities , Exercise	13
		Classification of living things	Exercise	14 , 15
		Classification of living things	Test	
4	2	Reproduction in living things	Reproduction in animals and butterflies	17
		Reproduction in living things	Reproduction in Fish and Frogs	18
		Reproduction in living things	Reproduction in birds and mammals	19
		Reproduction in living things	Reproduction in plants	20
5	2	Reproduction in living things	Pollination , Fertilization , seeds and fruit	21
		Reproduction in living things	Scattering of seeds	22 , 23
		Reproduction in living things	Fuunctions of cotyledons , Germination of a seed	23
		Reproduction in living things	Kinds of germination	23 , 24

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6	2	Reproduction in living things	Conditions necessary for germination	24 , 25
		Reproduction in living things	Activities , Exercise	26
		Reproduction in living things	Exercise	26 , 27
		Reproduction in living things	Test	
7	3	A healthy body	To stay healthy	29
		A healthy body	How do you become ill	30 , 31
		A healthy body	How do germs enter the body	31
		A healthy body	Protecting the body against diseases	31 , 32
8	3	A healthy body	Your body can protect itself	32
		A healthy body	Exercise	33
		A healthy body	Exercise	33
		A healthy body	Test	
9	4	Water	Water	35
		Water	States of water	35
		Water	Uses of water	36
		Water	Impurities of water	36 , 37
10	4	Water	Rain water , river water , spring water	37
		Water	Sea water , Drinking water	39
		Water	Activities , Exercise	40
		Water	Test	
11	5	Environmental pollution	Plants are very important for life on Earth	42
		Environmental pollution	Environment and pollution	43
		Environmental pollution	Ways to reduce the impact of non-biodegradable materials	43
		Environmental pollution	Air Pollution	44

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12	5	Environmental pollution	Water Pollution	44
		Environmental pollution	Water Pollution	45
		Environmental pollution	Land pollution	46
		Environmental pollution	Noise pollution	46 , 47
13	5	Environmental pollution	The greenhouse effect	47
		Environmental pollution	How to control pollution	47 , 48
		Environmental pollution	Disappearing life	48
		Environmental pollution	Activities	49
14	5	Environmental pollution	Exercise	49
		Environmental pollution	Exercise	49
		Environmental pollution	Exercise	50
		Environmental pollution	Test	
15	6	Matter	Matter , Properties of matter	52
		Matter	States of matter	52
		Matter	Movement of particales in matter	53
		Matter	Change of state	54
16	6	Matter	Effects of heat on matter	54 , 55
		Matter	Sublimation	55 , 56
		Matter	Examples of Condensation and evaporation in nature	56 , 57
		Matter	Activities	58
17	6	Matter	Exercise	58
		Matter	Exercise	59
		Matter	Exercise	60
		Matter	Test	

Week No.	Chapter No.	Article Name	Topic	Book Page Numbers
18	7	Force and machines	Inertia	62
		Force and machines	Gravitational force	63
		Force and machines	Effects of Force on the motion of an object	63 , 64
		Force and machines	Friction	65
19	7	Force and machines	What causes friction	66
		Force and machines	Friction can be harmful	67 , 68
		Force and machines	Simple machines	68
		Force and machines	Types of simple machines	68
20	7	Force and machines	Types of lever	69
		Force and machines	Activities , Exercise	70
		Force and machines	Exercise	71
		Force and machines	Test	
21	8	Light	Nature of light	73
		Light	The pin hole camera	73 , 74
		Light	Luminous and Non luminous bodies	75
		Light	Transparent ,Translucent, and opaque materials	75
22	8	Light	Transparent ,Translucent, and opaque materials	76
		Light	Phases of the Moon	76
		Light	Eclipses	76
		Light	Solar eclipse	77
23	8	Light	Colours of light , Light and plant life	77
		Light	Activities + Exercise	78
		Light	Exercise	79
		Light	Test	

Week No.	Chapter No.	Article Name	Topic	Book Page Numbers
24	9	Electricity	Structure of an atom	81
		Electricity	Where does charge come from	81
		Electricity	Electric charge	81
		Electricity	Electrical circuit	82
25	9	Electricity	Switch	83
		Electricity	Kinds of electrical circuit	83
		Electricity	Heating effect of an electrical current	84
		Electricity	How is electricity produced?	85
26	9	Electricity	Safety Rules	86
		Electricity	Activities	87
		Electricity	Exercise	87, 88
		Electricity	Test	
27	10	Magnetism	Magnetism	90
		Magnetism	Magnetic and Non magnetic materials	90
		Magnetism	Magnetic nature of a magnet	90
		Magnetism	Magnetic field	91
28	10	Magnetism	Compass	91
		Magnetism	Magnetic field of the Earth, Activity	91, 92
		Magnetism	How to make a magnet	92
		Magnetism	How to demagnetize a magnet	93
29	10	Magnetism	Using electromagnets	93
		Magnetism	Activities + Exercise	94
		Magnetism	Exercise	95
		Magnetism	Test	

Week No.	Chapter No.	Article Name	Topic	Book Page Numbers
30	11	Soil	Soil , Air , Water	97
		Soil	Microbes	
		Soil	Formation of soil	98
		Soil	Types of soil and test the drainage of different kinds	99 , 100
31	11	Soil	Layers of soil	100 , 101
		Soil	Types of fertilizers	101
		Soil	Activities + Exercise	102
		Soil	Test	
32	12	Space , Stars and Planets	Space	103
		Space , Stars and Planets	The Solar System	105
		Space , Stars and Planets	Asteroids , Comets	106
		Space , Stars and Planets	Meteors and meteorites	107
33	12	Space , Stars and Planets	The Sun	107
		Space , Stars and Planets	Planets of the Solar System	107 , 108
		Space , Stars and Planets	Exercise	109
		Space , Stars and Planets	Test	N/A
34	Revision	Revision	Revision	N/A
		Revision	Revision	N/A
		Revision	Revision	N/A
		Revision	Revision	N/A