

# N.C. JINDAL PUBLIC SCHOOL, PUNJABI BAGH, NEW DELHI

## ANNUAL CURRICULUM - 2018-19

Class : VII	Subject : SCIENCE	Subject Teacher (Prepared by): RENU PURI	TERM			
Preferred Text Book / Material	Chapter's Name	Chapter Topic / Sub Topic		Start Date	End Date	No. of Periods
SCIENCE Text Book- NCERT	Nutrition in Plants	1.1 Mode of Nutrition in Plants	I	2.4.18	7.4.18	6
	Chapter-1 (contd.)	1.2 Photosynthesis – Food making process in Plants	I			
		1.3 Other modes of nutrition in Plants	I			
		1.4 Saprotroph	I			
	Chapter-1 (contd.)	1.5 How Nutrients are replenished in the soil	I	9.4.18	13.4.18	5
	Fibre to Fabric	3.1 Wool – Animal Fiber, Animals that yield wool, From fiber to fabric	I			
		Wool, Processing fibers into wool	I			
	Chapter-3 (contd.)	3.2 SILK – Life History of silk moth, from cocoon to silk	I	16.4.18	20.4.18	5
	Heat	4.1 Hot and Cold	I			
		4.2 Measuring temperature	I			
		4.3 Laboratory Thermometers	I			
	Chapter-4 (contd.)	4.4 Transfer of Heat	I	23.4.18	27.4.18	5
		4.5 Kinds of clothes we wear in summer & winter	I			
	Nutrition in Animals	2.1 Different ways of taking food	I	1.5.18	4.5.18	4
		2.2 Digestion in Human	I			
	Chapter – 2 (contd.)	2.2 Absorption in Human	I	7.5.18	11.5.18	5
		2.3 Digestion in Grass-Eating Animals	I			
		2.4 Feeding and digestion in Amoeba	I			
	Acids, Bases & Salts	5.1 Acids & Bases	I	14.5.18	18.5.18	5
	Chapter -5 (contd.)	5.2 Natural Indicators around us	I	2.7.18	7.7.18	6
		5.3 Neutralisation	I			
		5.4 Neutralisation in Everyday life	I			
	Weather, Climate & Adaptations of animals to climate	7.1 Weather 7.2 Climate	I	9.7.18	13.7.18	5
	Chapter -7 (contd.)	7.3 Climate and adaptations	I	16.7.18	21.7.18	6
		(i) The Polar Regions and	I			
		(ii) The Tropical rainforests	I	23.7.18	27.7.18	5
	Soil	9.1 Soil Teeming with life	I			
		9.2 Soil Profile	I	30.7.18	31.7.18	2

		9.3 Soil Types	I	1.8.18	3.8.18	3
	Chapter – 9	9.4 Properties of soil	I			
	(contd.)	9.5 Moisture in soil	I			
		9.6 Absorption of water by soil	I	6.8.18	10.8.18	5
		9.7 Soil and Crops	I			
	Motion and Time	13.1 Slow & fast motion	I			
		13.2 Speed	I	13.8.18	17.8.18	4
		13.3 Measurement of Time	I			
		13.4 Measuring Speed	I			
	Chapter-13	13.5 Distance /Time Graphs	I			
	Respiration in Organisms	10.1 Why do we respire	I	20.8.18	24.8.18	4
	Chapter -10	10.2 Breathing	I			
		10.3 How do we breathe?	I			
		10.4 What do we breathe out?	I			
		10.5 Breathing in other animals	I	27.8.18	31.8.18	5
	Chapter -10	10.6 Breathing under water	I			
	(contd.)	10.7 Do plants also respire?	I			
	REVISION	REVISION WORK		01.9.18	13.9.18	
		<b>HALF YEARLY EXAM</b>		<b>14.9.18</b>	<b>29.9.18</b>	-
		<b>TERM TWO</b>				
	Physical and Chemical Change	Paper discussion		01.10.18	05.10.18	4
		6.1 Physical changes	II			
		6.2 Chemical Changes	II			
	Chapter -6(contd.)	6.3 Rusting of Iron	II	08.10.18	12.10.18	5
		6.4 Crystallisation	II	15.10.18	16.10.18	2
	Chapter -8	8.1 Air Exerts Pressure	II			
	Winds, Storms	8.2 High speed Winds are accompanied by reduced air pressure	II	22.10.18	26.10.18	4
		8.3 Air expands on heating	II			
	Chapter -8(contd.)	8.4 Wind-currents are generated due to uneven heating on Earth	II	29.10.18	3.11.18	6
			II			
		8.5 Thunderstorms & cyclones	II			
		8.6 Destruction caused by cyclones	II			
		8.7 Effective Safety measures	II			
		8.8 Advanced Technology has helped	II			
	Transportation in	11.1 Circulatory System	II	5.11.18	16.11.18	5
	Transportation in animals & plants	11.2 Excretion in Animals	II			

		11.2 Excretion in Animals contd.	II			
		11.3 Transport of substances in plants – water & minerals	II	19.11.18	22.11.18	3
		11.3 Transport of substances in plants contd. – Transpiration	II			
	Reproduction in Plants	12.1 Reproduction Modes – Asexual reproduction	II	26.11.18	30.11.18	5
	Chapter -12 (Contd.)	12.2 Sexual Reproduction	II			
	Chapter -12 (Contd.)	12.3 Fruits & seed formation	II	3.12.18	7.12.18	5
	.	12.4 Seed Dispersal	II			
	Electric Current	14.1 Symbols of Electric Components	II	10.12.18	13.12.18	4
	& its Effects	14.2 Heating effect of Electric current	II			
		14.3 Magnetic Effect of Electric Current	II			
		14.4 Electromagnets	II	17.12.18	21.12.18	5
		14.5 Electric Bell	II			
	Water – A precious..	16.1 How much water is available	II	24.12.18	31.12.18	6
		16.2 Forms of water	II			
		16.3 Ground water as an important source of water	II			
		16.4 Depletion of Water Table	II			
		16.5 Distribution of water	II			
		16.6 Water Management	II			
	Chapter -16 Contd.	16.7 What role you can play	II	16.1.19	19.1.18	4
		16.8 Effect of Water scarcity on plants	II			
	Light	15.1 Light travels along a straight line	II			
		15.2 Reflection of Light	II			
		15.3 Right or Left	II	21.1.19	25.1.19	5
		15.4 Playing with Spherical Mirrors	II			
		15.5 Images Formed by Lenses	II			
		15.6 Sunlight – White or coloured?	II			
	Forests – Our lifeline	17.1 Visit to a Forest, canopy, crown, humus, decomposer, consequences of deforestation & its effects	II	28.1.19	01.2.19	5
	Waste Water Story	18.1 Water, our life line	II	4.2.19	8.2.19	5
		18.2 What is Sewage?	II			
		18.3 Water freshnes up – An Eventful Journey	II			
	Chapter-18 (contd.)	18.4 Wastewater Treatment Plant (WWTP)	II			
		18.5 Become an active citizen	II			
		18.6 Better House Keeping Practices	II			
		18.7 Sanitation & disease	II	11.2.19	12.2.19	2
		18.8 Alternative Arrangement for sewage disposal	II			
		18.9 Sanitation at Public Places &	II			

		REVISION WORK		13.2.19	22.2.19	
		ANNUAL EXAM		25.2.19	12.3.19	

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**SA/Term/Pre Board Marking Scheme : 2018-19**

<b>Class : VII</b>		<b>Subject : SCIENCE</b>	
<b>SL. No.</b>	<b>SA/Term/Pre Board</b>	<b>Chapter / Topic</b>	<b>Max. Marks</b>
1	ANNUAL EXAM	Ch – 6 Physical & Chemical Changes	6 marks
2	TERM - II	Ch – 8 Winds, Storms & Cyclones	7 marks
3	TERM - II	Ch -11 Transportation in Plants & animals	8 marks
4	TERM - II	Ch -12 Reproduction in Plants	8 marks
5	TERM - II	Ch – 14 Electric Current & its effects	8 marks
6	TERM - II	Ch – 15 Light	8 marks
7	TERM - II	Ch – 16 Water – A Precious Resource	6 marks
8	TERM - II	Ch – 17 Forests – Our Lifeline	6 marks
9	TERM - II	Ch -18 Waste Water Story	7 marks
10	TERM - I	CH-4 HEAT	8 marks
11	TERM - I	CH-5 ACIDS, BASES AND SALTS	8 marks
		<b>Total</b>	<b>80 marks</b>

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Si. No.	Class : VII	Subject : SCIENCE	Max. Marks
1	<b>PERIODIC TEST 1</b>		
	TERM - 1	Ch-1 Nutrition in Plants	13 Marks
		Ch-3 Fibre to Fabric	13 Marks
		Ch -3 Heat	14 Marks
		<b>TOTAL</b>	40 Marks
2	<b>PERIODIC TEST 2</b>		
	TERM - 2	Ch -6 Physical & Chemical Changes	13 Marks
		Ch -8 Winds, Storms & Cyclons	13 Marks
		Ch -11 Transportation in Plants & Animals	14 Marks
		<b>TOTAL</b>	40 Marks

Co-ordinator Name : Mr. J.K.Sharma Sign. \_\_\_\_\_

Subject Teacher :

Name :	Mrs Renu Puri	Sign. _____	VII-A
Name :	Mrs Divya Joshi	Sign. _____	VII-B
Name :	Mrs Shubha P	Sign. _____	VII-C
Name :	Mrs Manju Setia	Sign. _____	VII-D
Name :	Mrs Meenakshi Arora	Sign. _____	VII-E
Name :	Mrs Harsha Ghai	Sign. _____	