

N.C. JINDAL PUBLIC SCHOOL

PUNJABI BAGH, NEW DELHI

ANNUAL CURRICULUM (2022-2023)

Class : VIII		Subject: SCIENCE & TECHNOLOGY		Subject Teacher (Prepared By): Ms. Meenakshi Arora		Designation : TGT	
Academic Bd	Chapter Name	Chapter Topic / Sub Topic	Term I/II	Start Date	End Date	No. of Periods	
NCERT	Chapter-1:Crop Production and Management	1.1 Agricultural practices-1.2 Basic practices of crop production	Term I	1/4/2022	2/4/2022	2	
		1.3 Preparation of soil-1.6 Irrigation	Term I	4/4/2022	8/4/2022	6	
		1.7 Protection from weeds-1.10 Food from animals	Term I	11/4/2022	16/4/2022	5	
NCERT	Chapter-2:Microorganisms - Friend and foe	2.1 Microorganisms-2.3 Microorganisms and Us	Term I	18/4/2022	22/4/2022	6	
		2.4 Harmful microorganisms- 2.5 Food preservation	Term I	25/4/2022	30/4/2022	6	
		2.6 Nitrogen Fixation- 2.7 Nitrogen cycle	Term I	2/5/2022	6/5/2022	5	
NCERT	Chapter-3: Synthetic Fibres and Plastics	3.1- What are synthetic fibres?- 3.3 Characteristics of synthetic fib	Term I	9/5/2022	14/5/2022	6	
		3.4 Plastics- 3.6 Plastics and the environment plastics	Term I	1/7/2022	2/7/2022	2	
NCERT	Chapter-4: Materials,;Metals and non-metals	4.1 Physical properties of metals and non-metals	Term I	4/7/2022	8/7/2022	6	
		4.2 Chemical properties of metal and non-metals	Term I	11/7/2022	16/7/2022	6	
NCERT		4.3 Uses of metals and non-metals	Term I	18/7/2022	21/7/2022	5	
	Chapter-6: Combustion and Flame	6.1 What is combustion?- 6.3 Types of combustion	Term I	25/7/2022	29/7/2022	5	
NCERT		6.4 Flame- 6.7 Fuel efficiency.	Term I	1/8/2022	6/8/2022	6	
	Chapter -8: Cell-Structure and Functions	8.1 Discovery of the cell- 8.4 Cell structure and function	Term I	8/8/2022	12/8/2022	4	
NCERT		8.5 Parts of the cell- 8.6 Comparison of plants and animals cells.	Term I	16/8/2022	20/8/2022	5	
	Chapter-9: Reproduction in Animals	9.1 Modes of reproduction- 9.2 Sexual reproduction	Term I	22/8/2022	26/8/2022	6	
		9.3 Asexual reproduction	Term I	29/8/2022	2/9/2022	6	
		REVISION	Term I	5/9/2022	9/9/2022	6	
		REVISION	Term I	12/9/2022	15/9/2022	4	
		TERM I/HALF YEARLY	Term I				

Prepared by Name **MEENAKSHI ARORA**

Subject Coordinator Name : **Mrs. MENKA GARG**

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Class : VIII		Subject: SCIENCE & TECHNOLOGY		Subject Teacher (Prepared By): Ms. Meenakshi Arora		
Academic Book	Chapter Name	Chapter Topic / Sub Topic	Term I/II	Start Date	Designation : TGT	
					End Date	No. of Periods
NCERT	Chapter -10: Reaching the age of Adolescence	10.1Adolescence and puberty- 10.5 Reproductive phase of life in humans	Term II	6/10/2022		
		10.6 How is the sex of the baby determined?- 10.9 Reproductive health.	Term II	11/10/2022	7/10/2022	2
NCERT	Ch 11- Force and Pressure	11.1 Force-11.4 A force can change the shape of an object	Term II	17/10/2022	15/10/2022	5
		11.6 Contact forces-11.7 Non- contact forces	Term II	27/10/2022	21/10/2022	6
		11.8 Pressure-11.10 Atmospheric pressure	Term II	31/10/2022	28/10/2022	2
NCERT	Ch 12 Friction	12.1 Force of friction-12.2Factors affecting friction	Term II	7/11/2022	4/11/2022	6
		12.3 Friction : a necessary evil-12.4 Increasing and reducing friction	Term II	14/11/2022	11/11/2022	5
		12.5 Wheels reducing friction-12.6 Fluid friction	Term II	21/11/2022	19/11/2022	6
NCERT	Ch13 Sound	13.1 Sound is produced by a vibrating body- 13.3 Sound needs a medium	Term II	28/11/2022	25/11/2022	6
		13.4 We hear sound through our ears-13.5 Amplitude etc	Term II	5/12/2022	2/12/2022	6
		13.6 Audible and inaudible sounds-13.8 Noise pollution	Term II	12/12/2022	7/12/2022	4
NCERT	Ch14 Chemical effects of electric current	14.1 Do liquids conduct electricity-14.2 Chemical effects of electric current	Term II	19/12/2022	17/12/2022	6
		14.2 Chemical effects of electric current-14.3 Electroplating	Term II	26/12/2022	23/12/2022	6
NCERT	ch15 Some natural phenomena	15.1 Lightning-15.4 Transfer of charge	Term II	16/1/2023	31/12/2022	6
		15.5 Story of lightning-15.7 Earthquakes	Term II	23/1/2023	21/1/2023	6
NCERT	Ch16 - Light	16.1 What makes things visible-16.3 regular and diffused reflection	Term II	30/1/2023	27/1/2023	5
		16.4 Reflected light can be reflected again-16.6 Sunlight- White or coloured	Term II	6/2/2023	3/2/2023	6
		16.7 what is inside our eyes-16.10 Braille system	Term II	13/2/2023	10/2/2023	6
		REVISION	Term II	20/2/2023	17/2/2023	6
					24/2/2023	6

Prepared by Name MEENAKSHI ARORA

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Periodic Test/Half Yearly/Annual Marking Scheme : 2022-2023

Class :VIII _____		Subject : __SCIENCE AND TECHNOLOGY____	
S.No.	PT/Half Yearly/Pre Board	Chapter / Topic	Max. Marks
1	PT 1	Chapter-1:Crop Production and Management	10
		Chapter-2:Microorganisms - Friend and foe	10
		TOTAL	20
2	HALF YEARLY EXAMINATION	Chapter-1:Crop Production and Management	10
		Chapter-2:Microorganisms - Friend and foe	10
		Chapter-3: Synthetic Fibres and Plastics	12
		Chapter-4: Materials,;Metals and non-metals	12
		Chapter-6: Combustion and Flame	12
		Chapter -8: Cell-Structure and Functions	12
		Chapter-9: Reproduction in Animals	12
		TOTAL	80
		3	PT II
Ch 11- Force and Pressure	10		
TOTAL	20		
4	ANNUAL EXAMINATION	Chapter -10: Reaching the age of Adolescence	10
		Ch 11- Force and Pressure	10
		Ch 12 Friction	12
		Ch13 Sound	12
		Ch14 Chemical effects of electric current	12
		ch15 Some natural phenomena	12
		Ch16 - Light	12
		TOTAL	80

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