

Class – VIII

Sub: SCIENCE

Weekly Syllabus

Academic Session 2023-24

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Apr-23	I	01	01-Working Saturday (Student)	01				
	II	03-07	04 - Mahavir Jayanti 07 – Good Friday	03		CHAPTER 1 CROP PRODUCTION & MANAGEMENT	1.1: AGRICULTURAL PRACTICE 1.2 : BASIC PRACTICES OF CROP PRODUCTION 1.3 : PREPARATION OF SOIL 1.4 : SOWING 1.5 : ADDING MANURE AND FERTILIZER	
	III	10-14	14 - Ambedakar Jayanti	04		CHAPTER 1 CROP PRODUCTION & MANAGEMENT	1.6 : IRRIGATIONS 1.7 : PROTECTION FROM WEEDS 1.8 : HARVESTING	
	IV	17-21		05		CHAPTER 1 CROP PRODUCTION & MANAGEMENT CHAPTER 2 MICROORGANISMS FRIEND AND FOE	1.10 : FOOD FROM ANIMALS EXERCISE 2.1 : MICROORGANISMS 2.2 : WHERE DO MICROORGANISMS LIVE?	

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	V	24-29	29-Working Saturday (Student) 29 – Parent Orientation VI & IX	06		CHAPTER 2 MICROORGANISMS FRIEND AND FOE	2.3 : MICROORGANISMS AND US 2.4 : HARMFUL MICROORGANISMS 2.5 : FOOD PRESERVATION	
May-23	I	01-05	05 – Budha Purnima 01-04 : ES-1 (XII)/ CT-1 (X)	04		CHAPTER 2 MICROORGANISMS FRIEND AND FOE	2.6 : NITROGEN FIXATION 2.7: NITROGEN CYCLE EXERCISE	ES-1 (XII)/ CT-1 (X) Date: 01-08 May
	II	08-12	08 : ES-1 (XII)/ CT-1 (X) 11,12 – The Quest	05		CHAPTER 3: COAL AND PETROLEUM	3.1 : COAL & PETROLEUM : FOSSIL FUELS, COAL 3.2 : PETROLEUM	
	III	15-20	20- Working Saturday (Open House X & XII)	06		CHAPTER 3 : COAL AND PETROLEUM	3.3 : NATURAL GAS 3.4 : SOME NATURAL RESOURCES ARE LIMITED EXERCISE	
***** SUMMER BREAK 22 MAY -30 JUN 2023 *****								
Jul-23	I	01-	01- School reopens for staff	01				PT-I Class VI-X Date: 07 Jul – 19Jul
	II	03-07		05		CHAPTER 4 : COMBUSTION & FLAME	4.1: WHAT IS COMBUSTION? 4.2: HOW DO WE CONTROL FIRE? 4.3 : TYPES OF COMBUSTION	CHAPTER 1: CROP PRODUCTION AND MANAGEMENT CHAPTER 2: MICROORGANISMS: FRIEND AND FOE
	III	10-14		05		CHAPTER 4 : COMBUSTION &	4.4 : FLAME 4.5 : STRUCTURE OF FLAME	CHAPTER 3: COALAND PETROLEUM

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
						FLAME	4.6 : WHAT IS A FUEL?	ES-2 (XII): 07 Jul – 19Jul
	IV	17-22	22 – Working Saturday (Students)	06			4.7 : FUEL EFFICIENCY EXERCISE	
	V	24-28	29-Muharram	05		CHAPTER 5: CONSERVATION OF PLANTS AND ANIMALS	5.1 : DEFORESTATION AND ITS CAUSES 5.2 : CONSEQUENCES OF DEFORESTATION 5.3 : CONSERVATION OF FOREST AND WILDLIFE 5.4 : BIOSPHERE RESERVE 5.5 : FLORA AND FAUNA	
	VI	31		01		CHAPTER 5: CONSERVATION OF PLANTS AND ANIMALS	5.6 : ENDEMIC SPECIES	
Aug-23	I	01-05	05 – Working Saturday (Open House (VI-X), XII)	05		CHAPTER 5: CONSERVATION OF PLANTS AND ANIMALS	5.7 :WILDLIFE SANCTUARY 5.8 : NATIONAL PARK 5.9 :RED DATA BOOK 5.10 : MIGRATION 5.11 : RECYCLING OF PAPER 5.12 : REFORESTATION EXERCISE	
	II	07-11		05		CHAPTER 6 : REPRODUCTION IN ANIMALS	6.1 : MODES OF REPRODUCTION 6.2 : SEXUAL REPRODUCTION	
	III	14-18	15 – Independence Day	04		CHAPTER 6 : REPRODUCTION IN ANIMALS	6.2 : SEXUAL REPRODUCTION	
	IV	21-26	24,25-Class Test 26-Working Saturday (Students)	06		CHAPTER 6 : REPRODUCTION IN ANIMALS	6.3: ASEXUAL REPRODUCTION EXERCISE	ES-1 (XI): 21 Aug – 25 Aug

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
			26-Annual Prize Distribution					
	V	28-32	30-Raksha Bandhan 28,29 -Class Test	03			REVISION	
Sep-23	I	01	01 -Class Test	01			REVISION	
	II	04-08	07-Janmashtami	04		Mid Term/ HYE Exam		Mid Term (PT-II)/ HYE Date 11-23 Sep CHAPTER 1: CROP PRODUCTION AND MANAGEMENT CHAPTER 2: MICROORGANISMS: FRIEND AND FOE CHAPTER 3: COAL AND PETROLEUM CHAPTER 4: COMBUSTION AND FLAME CHAPTER 5: CONSERVATION OF PLANTS AND ANIMALS CHAPTER 6 REPRODUCTION IN ANIMALS
	III	11-16	16 – Working Saturday (Students)	06				
	IV	18-23	23 – Working Saturday (Students)	06				
	V	25-30	28-Milad-un-Nabi	04		CHAPTER 7 REACHING THE AGE OF ADOLESCENCE	7.1 : ADOLESCENCE AND PUBERTY 7.2 : CHANGES AT PUBERTY 7.3 : SECONDARY SEXUAL CHARACTERS	
Oct-23	II	02-07	02-Mahatma Gandhi's Birthday 07-Annual Prize	05		CHAPTER 7 REACHING THE AGE	7.4: ROLE OF HORMONES IN INITIATING REPRODUCTIVE FUNCTION	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
			Distribution			OF ADOLESCENCE	7.5 : REPRODUCTIVE PHASE OF LIFE IN HUMANS 7.6 : SEX DETERMINATION 10.7 : HORMONES OTHER THAN SEX HORMONES	
	III	09-14	14- Working Saturday(Open House VI-XII)	06		CHAPTER 7 REACHING THE AGE OF ADOLESCENCE CHAPTER 8 FORCE AND PRESSURE	10.8 : ROLE OF HORMONES IN LIFE HISTORY OF FROGS AND INSECTS 10.9 : REPRODUCTIVE HEALTH EXERCISE 8.1 FORCE – A PUSH OR A PULL	
	IV	16-20		05		CHAPTER 8 FORCE AND PRESSURE	8.2 FORCES ARE DUE TO AN INTERACTION 8.3 EXPLORING FORCE 8.4: A FORCE CAN CHANGE THE STATE OF MOTION	
	V	23-27	23– Autumn Break 24- Dussehra 28-Maharishi Valmiki's Birthday	03		CHAPTER 8 FORCE AND PRESSURE	8.5: FORCE CAN CHANGE THE SHAPE OF THE OBJECT 8.6 CONTACT FORCES 8.7 NON CONTACT FORCES 8.9 PRESSURE EXERTED BY LIQUIDS & GASES 8.10 ATMOSPHERIC PRESSURE	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
							EXERCISE	
	VI	30-31		02		CHAPTER 9 FRICTION	9.1 FORCE OF FRICTION 9.2 FACTORS AFFECTING FRICTION 9.3: FRICTION: A NECESSARY EVIL	
*** Autumn Break 23 Oct 2023 ***								
Nov-23	I	01-04	01– Karwa Chouth 04 – Working Saturday (Students)	03		CHAPTER 9 FRICTION CHAPTER 10 SOUND	9.4 : INCREASING & REDUCING FRICTION 9.5 : WHEELS REDUCE FRICTION 9.6 : FLUID FRICTION EXERCISE	
	II	06-10	07 – Annual Day	05		CHAPTER 10 SOUND	10.1 : SOUND IS PRODUCED BY VIBRATING BODY 10.2 : SOUND PRODUCED BY HUMANS 10.3 : SOUND NEEDS A MEDIUM FOR PROPAGATION	
	III	13-18	11-15 – Diwali Break	03		CHAPTER 10 SOUND	10.4 WE HEAR SOUND THROUGH OUR EARS 10.5 AMPLITUDE, TIME PERIOD & FREQUENCY OF A VIBRATION	PT-III (VI-VIII): 17 Nov-14 Dec PT-III (IX & X): 20 Nov-30 Nov ES-2 (XI): 21 Nov-14 Dec MPB (XII): 20 Nov-30 Nov CHAPTER 7: REACHING THE AGE OF ADOLESCENCE
	IV	20-24		05		CHAPTER 10 SOUND	10.6 AUDIBLE & INAUDIBLE SOUNDS 10.7 NOISE AND MUSIC 10.8 NOISE POLLUTION EXERCISE	

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	V	27-30	27 – Guru Nank's Birthday	03		CHAPTER 11 CHEMICAL EFFECTS OF ELECTRIC CURRENT	11.1: DO LIQUIDS CONDUCT ELECTRICITY?	CHAPTER 8 FORCE AND PRESSURE CHAPTER 9 : FRICTION
Dec-23	I	01-02	01,02 – Annual Athletic Meet	02				
	II	04-09	09 – Sports Day	06		CHAPTER 11 CHEMICAL EFFECTS OF ELECTRIC CURRENT	11.2 : CHEMICAL EFFECTS OF ELECTRIC CURRENT 11.3 : ELECTROPLATING EXERCISE	
	III	11-16	16-Working Saturday, Open House (IX,X & XII)	06		CHAPTER 12 SOME NATURAL PHENOMENON	12.1 : LIGHTNING 12.2 : CHARGING BY RUBBING 12.3 TYPES OF CHARGES & THEIR INTERACTION	
	IV	18-22	20-22 – TAFS MUN 24,25 – Christmas Holidays	05		CHAPTER 12 SOME NATURAL PHENOMENON	12.4 TRANSFER OF CHARGE 12.5 THE STORY OF LIGHTNING 12.6 LIGHTNING SAFETY	
*** Winter Break from 26 Dec to 05 Jan 2024 ***								
Jan-24	I	08-12		05		CHAPTER 12 SOME NATURAL PHENOMENON	12.7 EARTHQUAKE EXERCISE	Pre-Board (X & XII): 09 Jan-23 Jan

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	II	15-20	20-Working Saturday, Open House (VI-VIII, XI)	06		CHAPTER 13: LIGHT	13.1 WHAT MAKES THINGS VISIBLE 13.2 LAWS OF REFLECTION 13.3 REGULAR & DIFFUSED REFLECTION	
	III	22-27	26-Republic Day 27- Farewell XII	05		CHAPTER 13: LIGHT	13.4 REFLECTED LIGHT CAN BE REFLECTED AGAIN 13.5: MULTIPLE IMAGES	
	IV	29-31		03		CHAPTER 13: LIGHT	13.6 : SUNLIGHT – WHITE OR COLOURED 13.7 : WHAT IS INSIDE OUR EYES?	
Feb-24	I	01-03	01,02- Class Test 03-Working Saturday, Citation Ceremony, Open House (X& XII)	03		CHAPTER 13: LIGHT	13.8 : CARE OF THE EYES	
	II	05-09	05-08- Class Test	05		CHAPTER 13: LIGHT	13.9: VISUALLY CHALLENGED PERSONS CAN READ AND WRITE 13.10: WHAT IS THE BRAILLE SYSTEM? EXERCISE	Annual Exam Class IX & XI – 07 Feb-21 Feb 2023 CHAPTER 7: REACHING THE AGE OF ADOLESCENCE CHAPTER 8 FORCE AND PRESSURE CHAPTER 9 : FRICTION CHAPTER 10: SOUND CHAPTER 11: CHEMICAL EFFECTS OF ELECTRIC CURRENT CHAPTER 12 : SOME NATURAL
	III	12-16		05			REVISION	
	IV	19-23		05			REVISION	

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								PHENOMENON CHAPTER 13: LIGHT
	V	26-29		04				
Mar-24	Annual Exam Classes VI-VIII – 26 Feb-11 Mar 2024							

Note: The examination syllabus as mentioned above is to be considered Tentative. The final syllabus for each exam will be uploaded on the website along with the Date Sheet at the time of the examination.