

THE AIR FORCE SCHOOL: SUBROTO PARK : DELHI CANTT-110010

Class – VII

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	2	Chapter 1: Nutrition in Plants	1.1 Mode of Nutrition and Plants	
	II	03-07	04 - Mahavir Jayanti 07 – Good Friday	03	5	Chapter 1: Nutrition in Plants	1.2 Photosynthesis – Food making process in Plants 1.3 Other modes of Nutrition in Plants	
	III	10-14	14 - Ambedkar Jayanti	04	6	Chapter 1: Nutrition in Plants	1.4 Saprotrophs 1.5 How Nutrients are replenished in the soil	
	IV	17-21		05	7	Chapter 2: Nutrition in Animals	2.1 Different ways of taking food 2.2 Digestion in Humans	
	V	24-29	29-Working Saturday (Student) 29 – Parent Orientation VI & IX	06	7	Chapter 2: Nutrition in Animals	2.3 Digestion in Grass eating Animals 2.4 Feeding and Digestion in Amoeba	
May-23	I	01-05	05 – Budha Purnima 01-04 : ES-1 (XII)/ CT-1 (X)	04	5	Chapter 3: Heat	3.1 Hot and Cold 3.2 Measuring Temperature	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	7	Chapter 3: Heat	3.3 Laboratory Thermometer 3.4 Transfer of Heat	
	III	15-20	20- Working Saturday (Open House X & XII)	06	7	Chapter 3: Heat	3.5 Kinds of Clothes we wear in Summer & Winter	
***** SUMMER BREAK 22 MAY -30 JUN 2023 *****								
Jul-23	I	01-	01- School reopens for	01				PT-I

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
			staff					Class VI-X Date: 07 Jul – 19Jul
	II	03-07		05	7	Chapter 4: Acids, Bases and Salts	4.1 Acids and Bases 4.2 Natural indicators around us Revision	ES-2 (XII): 07 Jul – 19Jul
	III	10-14		05	7	Chapter 4: Acids, Bases and Salts	4.3 Neutralisation 4.4 Neutralisation in every day life Revision	PT 1 SYLLABUS
	IV	17-22	22 – Working Saturday (Students)	06	7	Chapter 5: Physical and Chemical changes	5.1 Physical changes Revision	CHAPTER 1: NUTRITION IN PLANTS
	V	24-28	29-Muharram	05	7	Chapter 5: Physical and Chemical changes	5.2 Chemical changes 5.3 Rusting of Iron	CHAPTER 2: NUTRITION IN ANIMALS
	VI	31		01	1	Chapter 5: Physical and Chemical changes	5.4 Crystallisation	CHAPTER 3: HEAT
Aug-23	I	01-05	05 – Working Saturday (Open House (VI-X), XII)	05	7	Chapter 6: Respiration in Organisms	6.1 Why do we Respire? 6.2 Breathing 6.3 How do we breath?	
	II	07-11		05	4	Chapter 6: Respiration in Organisms	6.4 What do we Breath-Out? 6.5 Breathing in other animals	
	III	14-18	15 – Independence Day	04	4	Chapter 6: Respiration in Organisms	6.6 Breathing under water 6.7 Do Plants also Respire?	
	IV	21-26	24,25-Class Test 26-Working Saturday (Students) 26-Annual Prize Distribution	06	7	Chapter 7: Transportation in Animals and Plants	7.1 Circulatory System 7.2 Excretion in animals	ES-1 (XI): 21 Aug – 25 Aug
	V	28-32	30-Raksha Bandhan 28,29 -Class Test	03	4	Chapter 7: Transportation in Animals and Plants	7.3 Transport of substances in plants	

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Sep-23	I	01	01 -Class Test	01	1		Revision	
	II	04-08	07-Janmashtami	04		Mid Term/ HYE Exam		Mid Term (PT-II)/ HYE Date 11-23 Sep PT II SYLLABUS CHAPTER 1: NUTRITION IN PLANTS CHAPTER 2: NUTRITION IN ANIMALS CHAPTER 3: HEAT CHAPTER 4: ACIDS, BASES AND SALTS CHAPTER 5: PHYSICAL AND CHEMICAL CHANGES CHAPTER 6: RESPIRATION IN ORGANISMS CHAPTER 7: TRANSPORTATION IN ANIMALS AND PLANTS
	III	11-16	16 – Working Saturday (Students)	06				
	IV	18-23	23 – Working Saturday (Students)	06				
	V	25-30	28-Milad-un-Nabi	04	5	Chapter 8: Reproduction in Plants	8.1 Mods of reproduction (asexual reproduction) 8.2 Sexual reproduction	
Oct-23	II	02-07	02-Mahatma Gandhi's Birthday 07-Annual Prize Distribution	05	2	Chapter 8: Reproduction in Plants	8.3 Fruits & Seed formation	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
	III	09-14	14- Working Saturday(Open House VI-XII)	06	6	Chapter 8: Reproduction in Plants Chapter 9: Motion and Time	8.4 Seed dispersal 9.1 Slow and Fast 9.2 Speed	
	IV	16-20		05	5	Chapter 9: Motion and Time	9.3 Measurement of Time 9.4 Measuring Speed	
	V	23-27	23- Autumn Break 24- Dussehra 28-Maharishi Valmiki's Birthday	03	2	Chapter 9: Motion and Time	9.5 Distance – Time Graph	
	VI	30-31		02	1	Chapter 10: Electric currents and its effects	10.1 Symbols of Electric components	
*** Autumn Break 23 Oct 2023 ***								
Nov-23	I	01-04	01- Karwa Chouth 04 – Working Saturday (Students)	03	4	Chapter 10: Electric currents and its effects	10.2 Heating effects of electric current	
	II	06-10	07 – Annual Day	05	5	Chapter 10: Electric currents and its effects	10.3 Magnetic effect of electric current 10.4 Electromagnet	
	III	13-18	11-15 – Diwali Break	03	4	Chapter 10: Electric currents and its effects	10.5 Electric Bell	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 PT III CHAPTER 8: REPRODUCTION IN PLANTS
	IV	20-24		05	7	Chapter 11: Light	11.1 Light travels along a straight line Revision	
	V	27-30	27 – Guru Nank's Birthday	03	4		Revision	
Dec-23	I	01-02	01,02 – Annual Athletic Meet	02	3	Chapter 11: Light	11.2 Reflection of Light 11.3 Right or Left	
	II	04-09	09 – Sports Day	06	7	Chapter 11: Light	11.4 Playing with Spherical Mirrors 11.5 Image formed by Lenses 11.6 Sun light – White or Coloured?	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
								CHAPTER 9: MOTION AND TIME CHAPTER 10: ELECTRIC CURRENTS AND ITS EFFECTS
	III	11-16	16-Working Saturday, Open House (IX,X & XII)	06	7	Chapter 12: Forests – Our Life line	12.1 Visit to a Forest	
	IV	18-22	20-22 – TAFS MUN 24,25 – Christmas Holidays	05	7	Chapter 12: Forests – Our Life line	12.2 Visit to a Forest	
*** Winter Break from 26 Dec to 05 Jan 2024 ***								
Jan-24	I	08-12		05	7	Chapter 13: Waste Water story	13.1 Water, our life line 13.2 What is sewage?	Pre-Board (X & XII): 09 Jan-23 Jan
	II	15-20	20-Working Saturday, Open House (VI-VIII, XI)	06	7	Chapter 13: Waste Water story	13.3 Water freshens up – An eventful journey	
	III	22-27	26-Republic Day 27- Farewell XII	05	7	Chapter 13: Waste Water story	13.4 Waste Water Treatment Plant (WWTP)	
	IV	29-31		03	2	Chapter 13: Waste Water story	13.4 WWTP	
Feb-24	I	01-03	01,02- Class Test 03-Working Saturday, Citation Ceremony, Open House (X& XII)	03	4	Chapter 13: Waste Water story	13.5 Better Housekeeping practices 13.6 Sanitation and disease	Annual Exam Class IX & XI – 07 Feb-21 Feb 2023 ANNUAL EXAM SYLLABUS
	II	05-09	05-08- Class Test	05	7		13.7 Alternative arrangement for Sewage disposal 13.8 Sanitation at public places Revision	
	III	12-16		05	7		Revision	

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	IV	19-23		05	7		Revision	<p>CHAPTER 1: NUTRITION IN PLANTS</p> <p>CHAPTER 2: NUTRITION IN ANIMALS</p> <p>CHAPTER 3: HEAT</p> <p>CHAPTER 4: ACIDS, BASES AND SALTS</p> <p>CHAPTER 5: PHYSICAL AND CHEMICAL CHANGES</p> <p>CHAPTER 6: RESPIRATION IN ORGANISMS</p> <p>CHAPTER 7: TRANSPORTATION IN ANIMALS AND PLANTS</p> <p>CHAPTER 8: REPRODUCTION IN PLANTS</p> <p>CHAPTER 9: MOTION AND TIME</p> <p>CHAPTER 10: ELECTRIC CURRENTS AND ITS EFFECTS</p> <p>CHAPTER 11: LIGHT</p> <p>CHAPTER 12:</p>

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
								FORESTS – OUR LIFE LINE CHAPTER 13: WASTE WATER STORY
	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.