

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

**Class – VII**

**Sub: Science**

**Weekly Syllabus (Tentative)**

**Academic Session 2024-25**

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Mar 24	Block Teaching							
Apr-24	I	01-06	<b>06-Working Saturday (Staff)</b>	05	7	Chapter 1: Nutrition in Plants	1.1 Mode of Nutrition IN Plants	
	II	08-12	<b>11 – Id-ul-Fitr</b>	04	6	Chapter 1: Nutrition in Plants	1.2 Photosynthesis – Food making process in Plants 1.3 Other modes of Nutrition in Plants	
	III	15-19	<b>14 - Ambedakar Jayanti 17 – Ram Navami 21 - Mahavir Jayanti</b>	04	6	Chapter 1: Nutrition in Plants	1.4 Saprotrophs 1.5 How Nutrients are replenished in the soil	
	IV	22-27	<b>27-Working Saturday (Student)</b>	06	7	Chapter 2: Nutrition in Animals	2.1 Different ways of taking food 2.2 Digestion in Humans	
	V	29-30		02	3	Chapter 2: Nutrition in Animals	2.3 Digestion in Grass eating Animals 2.4 Feeding and Digestion in Amoeba	
May-24	I	01-03	<b>01-03 : ES-1 (XII)/ CT-1 (X)</b>	03	5	Chapter 3: Heat	3.1 Hot and Cold 3.2 Measuring Temperature	<b>ES-1 (XII)/ CT-1 (X) Date: 01-07 May</b>
	II	06-10	<b>06-07 : ES-1 (XII)/ CT-1 (X) 09,10 – The Quest</b>	05	7	Chapter 3: Heat	3.3 Laboratory Thermometer 3.4 Transfer of Heat	
	III	13-18	<b>18- Working Saturday (Open House X &amp; XII)</b>	06	7	Chapter 3: Heat	3.5 Kinds of Clothes we wear in Summer & Winter	

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<b>***** SUMMER BREAK 20 MAY -30 JUN 2024 *****</b>								
<b>Jul-24</b>	I	01-06	01- School reopens for staff <b>06-Working Saturday (Student)</b>	05	7	Chapter 4: Acids, Bases and Salts	4.1 Acids and Bases 4.2 Natural indicators around us Revision	<b>PT-I</b> <b>Class VI-X Date: 05 Jul – 12 Jul</b>  <b>PT I SYLLABUS:</b>  CHAPTER 1: NUTRITION IN PLANTS CHAPTER 2: NUTRITION IN ANIMALS CHAPTER 3: HEAT  <b>ES-2 (XII): 05 Jul – 12Jul</b>
	II	08-12		05	7	Chapter 4: Acids, Bases and Salts	4.3 Neutralisation 4.4 Neutralisation in everyday life Revision	
	III	15-19	<b>17-Muharram</b>	04	6	Chapter 5: Physical and Chemical changes	5.1 Physical changes	
	IV	22-27	<b>27 – Working Saturday (Students)</b>	06	7	Chapter 5: Physical and Chemical changes	5.2 Chemical changes 5.3 Rusting of Iron	
	V	29-31		03	5	Chapter 5: Physical and Chemical changes	5.4 Crystallisation	
<b>Aug-24</b>	I	01-03	<b>03 – Working Saturday (Open House (VI-X), XII)</b>	03	5	Chapter 6: Respiration in Organisms	6.1 Why do we Respire? 6.2 Breathing	
	II	05-09		05	7	Chapter 6: Respiration in Organisms	6.3 How do we breath? 6.4 What do we Breath-Out?	
	III	12-16	<b>15 – Independence Day</b>	04	6	Chapter 6: Respiration in Organisms	6.5 Breathing in other animals 6.6 Breathing under water	
	IV	19-23	<b>19-Raksha Bandhan</b>	04	6	Chapter 6: Respiration in Organisms	6.7 Do Plants also Respire?	<b>ES-1 (XI):</b>
	V	26-31	<b>26-Janmashtami</b> <b>31-Working Saturday (Students)</b> <b>31-Annual Prize Distribution</b>	05	7		Revision	
<b>Sep-24</b>	I	02-06		05	7		Mid Term/ HYE Exam	

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	II	09-14	<b>14 – Working Saturday (Students)</b>	06			Mid Term/ HYE Exam	<b>Mid Term (PT-II)/ HYE</b> <b>Date 02-14 Sep</b>  <b>PT II SYLLABUS:</b>  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
	III	16-21	<b>16-Milad-un-Nabi 21 – Working Saturday (Students)</b>	05		Chapter 7: Transportation	7.1 Circulatory System	
	IV	23-27		05		in Animals & Plants	7.2 Excretion in animals	
	V	30		01	2	Chapter 7: Transportation in Animals & Plants	7.3 Transport of substances in plants	
<b>Oct-24</b>	II	01-05	<b>02-Mahatma Gandhi's Birthday 05-Annual Prize Distribution</b>	04	6	Chapter 8: Reproduction in Plant	8.1 Modes of reproduction (asexual reproduction) 8.2 Sexual reproduction	
	III	07-12	<b>09-13– Autumn Break 12- Dussehra</b>	02	3	Chapter 8: Reproduction in Plant	8.3 Fruits & Seed formation	
	IV	14-19	<b>17-Maharishi Valmiki's Birthday 19 – Working Saturday (Open House VI-XII)</b>	05	7	Chapter 8: Reproduction in Plant  Chapter 9: Motion and Time	8.4 Seed dispersal  9.1 Slow or Fast 9.2 Speed	
	V	21-25	<b>20– Karwa Chouth</b>	05	7	Chapter 9: Motion and Time	9.3 Measurement of Time 9.4 Measuring Speed	
	VI	28-31	<b>30-03 Nov – Diwali Break</b>	02	3	Chapter 9: Motion and Time	9.5 Distance – Time Graph	

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<b>*** Autumn Break 09-13 Oct 2024 ***</b>								
<b>Nov-24</b>	I	04-09	<b>09 – Working Saturday (Students)</b>	06	7	Chapter 10: Electric currents and its effects	10.1 Symbols of Electric components 10.2 Heating effect of electric Current	
	II	11-15	<b>12 – Annual Day 15 – Guru Nank's Birthday</b>	04	6	Chapter 10: Electric currents and its effects	10.3 Magnetic effect of electric current	
	III	18-22		05	7	Chapter 10: Electric currents and its effects	10.4 Electromagnet 10.5 Electric Bell Revision	<b>PT-II (VI-VIII):</b> 19 Nov-10 Dec <b>PT II SYLLABUS:</b> CHAPTER 7: TRANSPORTATION IN ANIMALS & PLANTS CHAPTER 8: REPRODUCTION IN PLANTS CHAPTER 9: MOTION AND TIME
	IV	25-30	<b>29,30 – Annual Athletic Meet</b>	06	7	Chapter 11: Light	11.1 Light travels along a straight line 11.2 Reflection of Light Revision	
<b>Dec-24</b>	I	02-07	<b>07 – Sports Day</b>	06	7	Chapter 11: Light	11.3 Right or Left 11.4 Playing with Spherical Mirrors Revision	
	II	09-13		05	7	Chapter 11: Light  Chapter 12: Forests – Our Life line	11.5 Image formed by Lenses 11.6 Sun light – White or Coloured?  12.1 Visit to a Forest	
	III	16-21	<b>21-Working Saturday, Open House (X &amp; XII)</b>	06	7	Chapter 12: Forests – Our Life Line	12.1 Visit to a Forest	
	IV	23	<b>24,25 – Christmas Holidays</b>	01	2	Chapter 12: Forests – Our Life line	12.1 Visit to a Forest	

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<b>*** Winter Break from 26 Dec to 04 Jan 2025 ***</b>								
Jan-25	I	06-10		05	7	Chapter 13: Waste Water story	13.1 Water, our life line 13.2 What is sewage?	
	II	13-18	<b>18-Working Saturday, Open House (VI-IX, XI)</b>	06	7	Chapter 13: Waste Water story	13.3 Water freshens up – An eventful journey	
	III	20-25	<b>25-Citation Ceremony 25-Open House XII 26-Republic Day</b>	06	7	Chapter 13: Waste Water story	13.4 Waste Water Treatment Plant (WWTP)	
	IV	27-31		05	7	Chapter 13: Waste Water story	13.4 WWTP 13.5 Better Housekeeping practices	
Feb-25	I	01	<b>01 – Farewell XII 01- Open House X</b>	01	1	Chapter 13: Waste Water story	13.6 Sanitation and disease	<b>Annual Exam Class IX &amp; XI – 05 Feb-19 Feb 2025</b>  <b>ANNUAL EXAM SYLLABUS :</b>  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
	II	03-07		05	7	Chapter 13: Waste Water story	13.7 Alternative arrangement for Sewage disposal 13.8 Sanitation at public places Revision	
	III	10-14		05	7		Revision	
	IV	17-22	<b>22-Working Saturday (students)</b>	06	7		Revision	

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								PLANTS CHAPTER 8: REPRODUCTION IN PLANTS CHAPTER 9: MOTION AND TIME CHAPTER 10: ELECTRIC CURRENTS AND ITS EFFECTS CHAPTER 11: LIGHT CHAPTER 12: FORESTS – OUR LIFE LINE CHAPTER 13: WASTE WATER STORY
	V	24-28	<b>26-Maha Shivratri</b>	04				
Mar-25	<b>Annual Exam Classes VI-VIII – 25 Feb-10 Mar 2025</b>							

**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.**