

**AIR FORCE SCHOOL, BAMRAULI  
ANNUAL SPLIT-UP OF SYLLABUS  
ACADEMIC SESSION 2024-25**

**CLASS-VIII**

**SUBJECT : SCIENCE**

**BOOK NAME- NCERT**

MONTH	CHAPTER NO. & NAME	TOPICS/ SUB TOPIC	NO. OF PERIODS	ACTIVITY	TEST/EXAM
APRIL	1-Crop Production & Management	Traditional & Modern Agricultural Practices and Animal Husbandry	14	Separation of good & bad seeds	CLASS TEST FROM 22 APRIL TO 5 MAY SYLLABUS : CH 1 & 3
	3- Coal & Petroleum	Natural Resources, Formation of coal & Petroleum and PCRA	10	Mark the places in India map where coal, petroleum & Natural gas are found	
MAY	8-Force & Pressure	Force, its types & effects, Pressure in solid, liquid & gas	9	Demonstration of Magnetic & Electrostatic forces	
JUNE			8		
JULY	9-Friction	Friction & its factors, Benefits & disadvantages, how to reduce & increase friction	14	Climbing Toy	PT 1 FROM 1 TO 8 JULY SYLLABUS: CH 1, 3 & 8
	2- Microorganisms : Friends & Foe	Major group of Microorganisms, Advantages & disadvantages, Food Preservation, Nitrogen cycle	11	to study different microorganisms under a microscope	
	4-Combustion & Flames	Combustion--types & factors, structure of Flames	10	to study the parts of a flame	

AUGUST	5-Conservation of Plants & Animals	Causes & consequences of deforestation, flora & fauna, Biosphere reserves, reforestation	10	Mark on the map protected areas for conservation of plants & animals.	
	10- Sound	<i>Production &amp; propagation of Sound, Human Ear, Sound Pollution</i>	5	Activity showing that sound can travel through liquid & solid	
SEPTEMBER	10- Sound		5		
	REVISION		7	PRACTICE	HALF YEARLY FROM 17 TO 30 SEPT. SYLLABUS : CH 1, 3, 8, 9, 2, 4 & 5
OCTOBER	11-Chemical Effects of Electric Current	Chemical effects of electric current, Electroplating and its uses	16	to test the conductuon of elctricity through various fruits, vegetables etc.	
NOVEMBER	6-Reproduction in Animals	Sexual reproduction in human, Asexual reproduction in microorganisms	10	to study the various modes of asexual reproductioun in Hydra & Amoeba	
	7- Reaching the age of Adolescence	secondary sexual characters, role of hormones, how is the sex in determined?	12	preparation of posters showing nutritious items of food which are required during adolescences	

DECEMBER	REVISION		7	PRACTICE	9 TO 17 DEC. PREIODIC TEST SYLLABUS: CH 6, 10 & 11
JANUARY	13- LIGHT	Laws of Reflection, multiple images, human eye, Braille	17	prepare a Peroscope or Kaleodoscope	
FEBRUARY	12- SOME NATURAL PHENOMENA	Earthquake, lightning, precautions	10	acticty to show loke charges repel and unlike charges attract	CLASS TEST FROM 5 TO 15 FEB SYLLABUS : CH 7 & 13
	REVISION		13	PRACTICE	
MARCH	ANNUAL EXAM 3 MARCH ONWARDS				