



BLOOM PUBLIC SCHOOL

C-8 Vasant Kunj New Delhi

SYLLABUS FOR THE SESSION 2025-26

Class: VIII

Subject: Science

SYLLABUS			
MONTH	CHAPTERS (NCERT TEXT BOOK)	CONTENT	Practical/Activities
April	Chapter 2: Microorganism s: Friend and Foe	Microorganisms, where do microbes live, microorganism and us, Harmful microbes, Food preservation, Nitrogen cycle	Activity: 1. Visit Biology lab to see the microorganisms. 2. CO ₂ is produced during Yeast respiration. 3. Drawing of Nitrogen cycle.
May	Chapter 3: Coal and Petroleum Chapter 4: Combustion and Flame (CBE I)	Natural resources, Coal, petroleum-refining, Natural gas, Some Natural resources are limited. Combustion, how do we control fire, types of combustion, Flame, Structure of a flame. What is a fuel? Fuel Efficiency	Activity: 1. Products obtained from petroleum. 2 Petroleum refinery. Activity: 1. Poster on triangle of Fire. 2. Research on types of Combustion. 3. Reasoning question worksheet
July	Chapter 10: Sound	Sound is produced by a vibrating body, Sound produced by Humans, Sound needs a medium for propagation, We hear sound through our ears, Amplitude, Time period and frequency of a vibration, audible and inaudible sounds, Noise pollution.	Activity: 1. Physics lab visit to show the tuning fork and the vibration produced. 2. Making a working model of musical instrument.
August	Chapter 11: Chemical effects of electric current	Do liquids conduct electricity, Chemical effects of electric current, Electroplating	Activity: 1 Physics lab visit to show the complete circuit. Used as a tester. 2 Electroplating. 3 Electrolysis of water.

September	Chapter 9 :Friction (CBEII)	Force of Friction, factors affecting Friction, Friction – a necessary evil. Increasing and reducing friction, Fluid friction	Activity:1. Research on types of friction. 2.worksheet on types of friction using pictures
October	Chapter 13:Light Chapter 12: Some Natural phenomena (CBE I)	What makes things visible, Laws of reflection, Regular and diffused reflection, Reflected light can be reflected again, Multiple images, Human eye, Care of the eye. Lightning, charging by rubbing, Types of charges, Transfer of charges, Lightning Safety, Lightning conductor. Earthquake, Protection against earthquakes	Activity:1. Drawing of Laws of Reflection. 2 Numerical on multiple images. 3. Making of kaleidoscope. 4. Model on persistence of vision.
November	Chapter 6: Reproduction in animals.	Modes of reproduction- Sexual reproduction, viviparous and oviparous animals, young ones to adults. Asexual reproduction	
December	Chapter 8:Force and pressure	A force- A push or a pull, Forces are due to an interaction. Exploring Forces, A force can change the state of motion, Forces can change the shape of an object. Contact forces, Pressure- Atmospheric pressure.	
January	Chapter 1: Crop Production and Management	Agricultural practices-Preparation of soil, sowing, Manures and fertilizers, irrigation, Protection from weeds, harvesting, storage .Food from Animals	
February	Chapter 7: Reaching the age of Adolescence (CBE only)		
	Chapter 12: Some Natural phenomena	CBE activity (Problems faced by Teenagers)	

March	Annual Exams		
ASSESSMENT SYLLABUS			
PERIODIC ASSESSMENT -1		Chapter 2: Microorganisms: Friend and Foe. Chapter 3: Coal and Petroleum	