



**BLOOM PUBLIC SCHOOL**  
**C-8 Vasant Kunj New Delhi**  
**SYLLABUS FOR THE SESSION 2023-24**

**Class: VIII**

**Subject: Science**

<b>MONTH</b>	<b>CHAPTERS (NCERT TEXT BOOK)</b>	<b>CONTENT</b>
<b>April</b>	Chapter 2: Microorganisms: Friend and Foe	Microorganisms , where microbes live, microorganism and us, Harmful microbes, Food preservation, Nitrogen fixation
<b>May</b>	Chapter 1: Crop Production and Management	Agricultural practices-Preparation of soil, sowing, Manures and fertilizers, irrigation, Protection from weeds, ,harvesting, storage Food from Animals
<b>July</b>	Chapter 5: Conservation of Plants and Animals	Deforestation and its causes, Consequences of deforestation, Conservation of forests and wildlife, Biosphere reserves, Flora and Fauna, Endemic Species, Wildlife Sanctuary, Red Data book, Migration, Recycling of paper, Reforestation
<b>August</b>	Chapter 3: Coal and Petroleum  Chapter 4: Combustion and Flame	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,
<b>September</b>	Chapter 6: Reproduction in animals.	Modes of reproduction- Sexual reproduction, viviparous and oviparous animals, Young ones to adults. Asexual reproduction
<b>October</b>	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.
<b>November</b>	Chapter 9 :Friction  Chapter 10:Sound	Force of Friction, factors affecting Friction, Friction – a necessary evil. Increasing and reducing friction, Fluid friction,  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.
<b>December</b>	Chapter 11:Chemical effects of electric current	Do liquids electricity, Chemical effects of electric current, Electroplating
<b>January</b>	Chapter 12: Some Natural phenomena  Chapter 7: Reaching the age of Adolescence ( CBE only )	Lightning, Charging by rubbing, Types of charges, Transfer of charges, Lightning Safety, Lightning conductor. Earthquake, Protection against earthquakes
<b>February</b>	Chapter 13:Light	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.
<b>March</b>	Annual Exams	
<b>ASSESSMENT SYLLABUS</b>		
<b>PERIODIC ASSESSMENT -1</b>		Chapter 1: Crop Production and Management Chapter 2: Microorganisms: Friend and Foe Chapter 5: Conservation of Plants and Animals
<b>MID TERM EXAM</b>		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.
<b>PERIODIC ASSESSMENT -2</b>	Chapter 8: Force and pressure Chapter 9: Friction Chapter 10: Sound
<b>ANNUAL EXAMINATION</b>	Chapter 4: Combustion and Flame Chapter 6: Reproduction in animals. Chapter 11: Force and pressure Chapter 10: Sound Chapter 11: Chemical effects of electric current Chapter 12: Some Natural phenomena Chapter 13: Light