



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

**Class: VII**

**Subject: Science**

<b>SYLLABUS</b>		
<b>MONTH</b>	<b>CHAPTERS (NCERT TEXT BOOK)</b>	<b>CONTENT</b>
<b>April</b>	Chapter 1: Nutrition in Plants	Mode of Nutrition in Plants, Photosynthesis- Food Making Process in Plants, Other Modes of Nutrition in Plants, Saprotrophs, How Nutrients are replenished in the soil.
<b>May</b>	Chapter 2: Nutrition in Animals	Different ways of taking food, Digestion in Humans, The mouth and buccal cavity, The food pipe/ oesophagus, The stomach., The small intestine, Absorption in the small intestine, large intestine, Digestion in grass-Eating Animals, Feeding and Digestion in Amoeba
<b>July</b>	Chapter 14: Electric Current and its Effects  Chapter 5: Acids, Bases and Salts	Symbols of electric Components, Heating Effect of Electric Current, Magnetic Effect of Electric Current, Electromagnet, Electric bell  Acid and Bases, Natural Indicators around Us, Litmus: A natural dye, China rose as Indicator, Neutralization, Neutralization in Everyday life, Indigestion, Ant bite, soil treatment, Factory wastes.
<b>August</b>	Chapter 5: Acids, Bases and Salts (cont'd)  Chapter 6: Physical and Chemical Changes	Acid and Bases, Natural Indicators around Us, Litmus: A natural dye, China rose as Indicator, Neutralization, Neutralization in Everyday life, Indigestion, Ant bite, soil treatment, Factory wastes,  Physical Change, Chemical change, Rusting of Iron, Crystallization

<b>September</b>	Chapter 13: Wastewater Story	Water, Our Lifeline, What Is Sewage? Water Freshens Up – An Eventful Journey, Wastewater Treatment Plant, Better House Keeping Practices, Sanitation and Disease, Alternative Arrangement for Sewage Disposal, Sanitation at Public Places. (BROCHURE)
<b>October</b>	Chapter 13: Motion and Time  Chapter 4: Heat	Slow or fast, speed, measurement of time, units of time and speed, measuring speed, distance time graph  Hot and Cold, Measuring Temperature, reading a thermometer, Laboratory Thermometer, Transfer of heat, kinds of clothes we wear in summer and winter, woolen clothes keep us warm in winter
<b>November</b>	Chapter 10: Respiration in Organisms  Chapter 11: Transportation in Animals and Plants	Why do we respire? How do we breathe, breathing, what do we breathe out? Breathing in other animals, breathing under water, do plants also respire?  Circulatory system, blood, blood vessels, heart, heartbeat, excretion in animals, excretory system in humans, Transport of substances in Plants, transpiration
<b>December</b>	Chapter 11: Transportation in Animals and Plants (cont'd)  Chapter 12: Reproduction in Plants	Circulatory system, blood, blood vessels, heart, heartbeat, excretion in animals, excretory system in humans, Transport of substances in Plants, transpiration  Modes of reproduction, asexual reproduction, budding, fragmentation, spore formation, sexual reproduction, gametes, pollination, fertilization, fruits and seed formation, seed dispersal
<b>January</b>	Chapter 15: Light	Light travels along a straight line, Reflection of light, Right or left, playing with spherical mirrors, images formed by lenses, sunlight white or colored.

<b>February</b>	Ch 15 Light (cont'd)	Light travels along a straight line, Reflection of light, Right or left, playing with spherical mirrors, images formed by lenses, sunlight white or colored.
<b>March</b>	Annual Exam	Annual Exam

### ASSESSMENT SYLLABUS

<b>PERIODIC ASSESSMENT -1</b>	Chapter 1: Nutrition in plants Chapter 2: Nutrition in Animals
<b>MID TERM EXAM</b>	Chapter 1: Nutrition in plants Chapter 2: Nutrition in Animals Chapter 5: Acid, Bases and Salts Chapter 6: Physical and Chemical Changes Chapter 14: Electric Current and its Effect
<b>PERIODIC ASSESSMENT -2</b>	Chapter 4: Heat Chapter 10: Respiration in Organism Chapter 13: Motion and Time
<b>ANNUAL EXAMINATION</b>	Chapter 4: Heat Chapter 6: Physical and Chemical Changes Chapter 10: Respiration in Organism Chapter 11: Transportation in Animals and Plants Chapter 12: Reproduction in Plants Chapter 13: Motion and Time Chapter 14: Electric Current and its Effect Chapter 15: Light





