



BLOOM PUBLIC SCHOOL

C-8 Vasant Kunj, New Delhi

Syllabus for the Session 2024-25

Class: VII

Subject: SCIENCE

MONTH	Chapter No and Name (NCERT Text book)
April	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.
May	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
July	Chapter 14: Electric Current and its Effects Symbols of electric Components, Heating Effect of Electric Current, Magnetic Effect of Electric Current, Electromagnet, Electric bell Chapter 5: Acids, Bases and Salts 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.
August	Chapter 5: Acid, Bases and salts(cont'd) 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. Chapter 6: Physical and Chemical Changes Physical Change, Chemical change, Rusting of Iron, Crystallization

September	<p>Chapter 13: Motion and Time Slow or fast, speed, measurement of time, units of time and speed, measuring speed, distance time graph</p>
October	<p>Chapter 4: Heat 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</p> <p>Chapter 10: Respiration in Organism 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?</p>
November	<p>Chapter 10: Respiration in Organism 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?</p> <p>Chapter 11: Transportation in Animals and Plants Circulatory system, blood, blood vessels, heart, heartbeat, excretion in animals, excretory system in humans, Transport of substances in Plants, transpiration</p>
December	<p>Chapter 11: Transportation in Animals and Plants Circulatory system, blood, blood vessels, heart, heartbeat, excretion in animals, excretory system in humans, Transport of substances in Plants, transpiration</p> <p>Chapter 12: Reproduction in Plants Modes of reproduction, asexual reproduction, budding, fragmentation, spore formation, sexual reproduction, gametes, pollination, fertilization, fruits and seed formation, seed dispersal</p>

January	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.
February	Revision
March	Annual Exam
PERIODIC ASSESSMENT -1 Chapter 1: Nutrition in plants Chapter 2: Nutrition in Animals	
PERIODIC ASSESSMENT -2 Chapter 4: Heat Chapter 10: Respiration in Organism Chapter 13: Motion and Time	
MID TERM EXAM 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	
ANNUAL EXAM 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 15: Light	