



BLOOM PUBLIC SCHOOL
C-8 Vasant Kunj, New Delhi
Syllabus for the Session 2025-26

CLASS VII

SUBJECT: SCIENCE

MONTH	CHAPTERS (NCERT)	CONTENT	PRACTICAL/ ACTIVITIES
April	Chapter 1 -The Ever-Evolving World of Science	Overall exploration around us	Activity on photosynthesis
May	Chapter 2- Exploring Substances : Acidic, Basic and Neutral	Nature : Our Science Laboratory, What Happens When Acidic Substances Mix with Basic Substances, Indicator, Neutralisation in Daily Life	Activity to show neutralisation
	Chapter 3- Electricity : Circuits and their component	A Torchlight, A Simple Electrical Circuit, Circuit Diagrams, Electrical Conductors and Insulators	Activity to show a simple electrical circuit
July	Chapter 4 – The World of Metals and Non-metals	Properties of Materials, Effect of Air and Water on Metals: Iron, Effect of Air and Water on Other Metals, Substances that Behave Differently from Metals in Air and Water, Are Non-metals Essential in Everyday Life	Activity: Burning of magnesium ribbon

August	Chapter 5 – Changes Around Us Physical and Chemical	A Substance May Change in Appearance but Remain the Same, A Substance May Change in Appearance and Not Remain the Same, Some Other Processes Involving Chemical Changes, Can Physical and Chemical Changes Occur in the Same Process, Are Changes Permanent, Are All Changes Desirable, Some Slow Natural Changes	Activity : Reaction of vinegar and baking soda
	Chapter 6- Adolescence : A stage of Growth and Change	Growing With Age: The Teenage Years, Changes that Indicate Reproductive Capability, Emotional and Behavioural Changes in Adolescents, Making Adolescence a Joyful Experience, The ‘Why’ Question for Adolescence	
September	Chapter 7- Heat Transfer in Nature	Conduction of Heat, Convection, Radiation, Water Cycle	Activity : Spiral paper above a burning candle
October	Chapter 8- Measurement of Time and Motion	Measurement of Time, Slow or Fast, Speed, Uniform and Non-uniform Linear Motion	Activity : Making a simple water clock Activity : Action of saliva on starch
	Chapter 9- Life Processes in Animals	Nutrition in Animals, Respiration in Animals	
November	Chapter 10- Life Processes In Plants	How Do Plants Grow, How Do Plants Get Food for their Growth, Transport in Plants, Do Plants Respire	Project : Making a Periscope and
	Chapter 11- Light : Shadows	Sources of Light, Does Light Travel in a Straight Line, Light through Transparent,	

	and Reflections	Translucent, and Opaque Materials, Shadow Formation, Reflection of Light, Images Formed in a Plane Mirror, Pinhole Camera, Making Some Useful Items	Kaleidoscope
December	Chapter 12- Earth, Moon and The Sun	Rotation of the Earth, Revolution of the Earth, Seasons on the Earth, Eclipses	Activity : Using a globe and a torchlight to understand day and night
January		REVISION	-
February		ANNUAL EXAMINATION	-

ASSESSMENTS:

PERIODIC ASSESSMENT -I	Chapter 2: Exploring Substances : Acidic, Basic and Neutral Chapter 3: Electricity : Circuits and their component
MID-TERM EXAMINATION	Chapter 2: Exploring Substances : Acidic, Basic and Neutral Chapter 3: Electricity : Circuits and their component Chapter 4: The World of Metals and Non-metals Chapter 5: Changes Around Us Physical and Chemical
PERIODIC ASSESSMENT -II	Chapter 8: Measurement of Time and Motion Chapter 9: Life Processes in Animals Chapter 10: Life Processes In Plants
ANNUAL EXAMINATION	Chapter 2: Exploring Substances : Acidic, Basic and

Neutral

Chapter 3: Electricity : Circuits and their component

Chapter 4: The World of Metals and Non-metals

Chapter 5: Changes Around Us Physical and Chemical

Chapter 8: Measurement of Time and Motion

Chapter 9 : Life Processes in Animals

Chapter 10: Life Processes In Plants

Chapter 11: Light : Shadows and Reflections

*** Chapter-1 and Chapter-12 -Activity File**

*** Chapter-6 –Portfolio**

*** Chapter-7-PPT Presentation**