



**BLOOM PUBLIC SCHOOL**  
**C-8 Vasant Kunj, New Delhi**  
**Syllabus for the Session 2026-27**

**CLASS VII**  
**SUBJECT: SCIENCE**

<b>MONTH</b>	<b>CHAPTERS (NCERT)</b>	<b>CONTENT</b>	<b>PRACTICAL/ ACTIVITIES</b>
<b>April</b>	<b>Chapter 1 -The Ever-Evolving World of Science</b>	<b>Ever-Evolving World of Science</b> Overall exploration around us	<b>Activity on photosynthesis</b>
	<b>Chapter 2- Exploring Substances: Acidic, Basic and Neutral</b>	<b>Exploring Substances: Acidic, Basic and Neutral</b> Nature: Our Science Laboratory, What Happens When Acidic Substances Mix with Basic Substances, Indicator, Neutralisation in Daily Life	<b>Activity to show neutralisation</b> <b>Activity: Reaction of vinegar and baking soda</b>
	<b>Chapter 3- Electricity: Circuits and their component</b>	<b>Electricity: Circuits and their component</b> A Torchlight, A Simple Electrical Circuit, Circuit Diagrams, Electrical Conductors and Insulators	<b>Activity to show a simple electrical circuit</b>
<b>May</b>	<b>Chapter 6- Adolescence: A stage of Growth and Change</b>	<b>Adolescence: A stage of Growth and Change</b> 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	<b>Chart on Glands and their functions</b>

<b>July</b>	<b>Chapter 4 – The World of Metals and Non-metals</b>	<b>The World of Metals and Non-metals</b> 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	<b>Activity: Burning of magnesium ribbon</b>  <b>Activity: Reactivity of sulphur with oxygen</b>
<b>August</b>	<b>Chapter 8- Measurement of Time and Motion</b>  <b>Chapter 9- Life Processes in Plants</b>	Measurement of Time, Slow or Fast, Speed, Uniform and Non-uniform Linear Motion  How Do Plants Grow, How Do Plants Get Food for their Growth, Transport in Plants, Do Plants Respire	<b>Activity: Making a simple water clock</b>  <b>Activity: Starch iodine test.</b> <b>Activity: Sunlight is important for photosynthesis</b>
<b>September</b>	<b>REVISION</b>	<b>REVISION</b>	
<b>October</b>	<b>Chapter 5 – Changes Around Us Physical and Chemical</b>	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	<b>Activity: Rusting of iron.</b> <b>Corrosion of metals</b>

	<b>Chapter 7- Heat Transfer in Nature</b>	Conduction of Heat, Convection, Radiation, Water Cycle	<b>Activity: Spiral paper above a burning candle</b>
<b>November</b>	<b>Chapter 10- Life Processes In Animal</b>	Nutrition in Animals, Respiration in Animals	<b>Activity: Action of saliva on starch</b>
<b>December</b>	<b>Chapter 11- Light: Shadows and Reflections</b>	Sources of Light, Does Light Travel in a Straight Line, Light through Transparent, Translucent, and Opaque Materials, Shadow Formation, Reflection of Light, Images Formed in a Plane Mirror, Pinhole Camera, Making Some Useful Items	<b>Project: Making a Periscope and Kaleidoscope</b>
<b>January</b>	<b>Chapter 12- Earth, Moon and The Sun</b>	Rotation of the Earth, Revolution of the Earth, Seasons on the Earth, Eclipses  <b>REVISION</b>	<b>Activity: Using a globe and a torchlight to understand day and night -</b>
<b>February</b>	<b>REVISION</b>	<b>REVISION ANNUAL EXAMINATION</b>	-

#### ASSESSMENTS:

<b>PERIODIC ASSESSMENT -1</b>	<b>Chapter 2- Exploring Substances: Acidic, Basic and Neutral Chapter 3- Electricity: Circuits and their component Chapter 6- Adolescence: A stage of Growth and Change</b>
<b>MID-TERM EXAMINATION</b>	<b>Chapter 2: Exploring Substances: Acidic, Basic and Neutral Chapter 3: Electricity- Circuits and their component</b>

	<p><b>Chapter 4: The World of Metals and Non-metals</b>  <b>Chapter 8: Measurement of Time and Motion</b>  <b>Chapter 9: Life Processes in Plants</b></p>
<b>PERIODIC ASSESSMENT -11</b>	<p><b>Chapter 5: Changes Around Us Physical and Chemical</b>  <b>Chapter 7: Heat Transfer in Nature</b>  <b>Chapter 10: Life Processes In Animal</b></p>
<b>ANNUAL EXAMINATION</b>	<p><b>Chapter 2: Exploring Substances: Acidic, Basic and Neutral</b>  <b>Chapter 3: Electricity- Circuits and their component</b>  <b>Chapter 4: The World of Metals and Non-metals</b>  <b>Chapter 5: Changes Around Us Physical and Chemical</b>  <b>Chapter 6: Adolescence- A stage of Growth and Change</b>  <b>Chapter 7: Heat Transfer in Nature</b>  <b>Chapter 8: Measurement of Time and Motion</b>  <b>Chapter 9: Life Processes in Animals</b>  <b>Chapter 10: Life Processes In Plants</b>  <b>Chapter 11: Light- Shadows and Reflections</b></p> <p><b>* Chapter-12 -Activity File (CBE ACTIVITY)</b></p>