



FORTNIGHTLY SYLLABUS PLANNING (2026-27)

CLASS - VIII

SUBJECT- SCIENCE

New Session begins on 1 st April 2026				
S.no.	Duration	No. of Teaching Days	Theory	Practical/ Activity
1	1 st April-15 th April	10	Chapter 1- Exploring the Investigative World of Science Chapter 2- The Invisible Living World: Beyond Our Naked Eye	1. Observe onion peel cells under a microscope.
2	16 th April- 30 th April	11	Chapter 2- The Invisible Living World: Beyond Our Naked Eye (Continued) Chapter 3- Health: The Ultimate Treasure	2. Test food for starch using iodine solution (blue-black color).
Unit Test: 4th May – 8th May 26				
3	1 st May- 15 th May	10	Chapter 3- Health: The Ultimate Treasure (Continued) Chapter 4 -Electricity: Magnetic and Heating Effects	3. Prepare a chart of your daily diet to check if it is balanced.
4	16 th May-31 st May	5	Chapter 4 -Electricity: Magnetic and Heating Effects (Continued)	4. Make an electromagnet using a nail, wire, and battery.
Summer Vacations: 25th May – 30th June 26				
5	1 st July- 15 th July	11	Chapter 5- Exploring Forces	5. Demonstrating different type of forces
6	16 th July-31 st July	12	Chapter 6- Pressure, Winds, Storms, and Cyclones	6. Show air pressure by inverting a water-filled glass with a card.
Periodic Test-1: 30th July – 7th August 26				
7	1 st Aug- 15 th Aug	10	Chapter 6- Pressure, Winds, Storms, and Cyclones (Continued) Chapter 7- Particulate Nature of Matter	7. Dissolve sugar in water to show particles occupy space but are too small to see.
8	16 th Aug- 31 st Aug	9	Chapter 7- Particulate Nature of Matter (Continued)	8. Add ink drop to water and observe diffusion without stirring
Syllabus Completion for Mid Term Examination: 31st Aug 2026				
9	1 st Sept-15 th Sept	8	REVISION	
Mid Term Examination - 14th Sept- 25th Sept 26				
10	16 th Sept – 30 th Sept	3	Chapter 8- Nature of Matter: Elements, Compounds, and Mixtures	9. Observing the difference between Elements, compounds and mixtures
11	1 st Oct- 15 th Oct	10	Chapter 8- Nature of Matter: Elements, Compounds, and Mixtures (Continued)	
Autumn Break- 17th Oct – 20th Oct 26				
12	16 th Oct-31 st Oct	8	Chapter 9- The Amazing World of Solutes, Solvents, and Solutions	10. Observe solubility by adding salt to water until no more dissolves.
13	1 st Nov -15 th Nov	7	Chapter 10- Light: Mirrors and Lenses	11. Use a plane mirror to observe image formation and lateral inversion. 12. Use a convex lens to focus sunlight and form a sharp image on paper.
Diwali Break : 7th Nov – 11th Nov 26				

14	16 th Nov-30 th Nov	9	Chapter 10- Light: Mirrors and Lenses(Continued) Chapter 11- Keeping Time with the Skies	
Periodic Test-2: 4th Dec – 14th Dec 26				
15	1 st Dec- 15 th Dec	11	Chapter 11- Keeping Time with the Skies (Continued)	13. Make a simple sundial to track time using shadow position.
16	16 th Dec-31 st Dec	7	Chapter 12- How Nature Works in Harmony	14. Observe composting of kitchen waste to understand decomposition.
Winter Break- 28th Dec - 8th Jan 27				
17	1 st Jan -15 th Jan	5	Chapter 12- How Nature Works in Harmony(Continued)	
18	15 th Jan- 31 st Jan	9	Chapter 13 -Our Home: Earth, a Unique Life Sustaining Planet	15. Demonstrate layers of soil using a soil-water mixture in a jar.
19	1 st Feb - 15 th Feb	5 10	Chapter 13 -Our Home: Earth, a Unique Life Sustaining Planet(Continued) REVISION	
Syllabus Completion for Annual Examination: 5th February 27				
Annual Examination Begins: 22nd February 27				

SYLLABUS FOR ASSESSMENT

Exam	Test Date	Syllabus
UNIT TEST	8 May 26	CH-2
PERIODIC TEST 1	31 July 26	CH-2, 3 & 4
MID TERM EXAMINATION	18 Sept 26	CH-2,3,4,5,6&7
PERIODIC TEST 2	10 Dec 26	CH-8&9
ANNUAL EXAMINATION		CH-5,8,9,10,11,12&13