**VIII - Science 8th (2025-26)**

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| MONTH | W.D | PERIODS | CHAPTER | ACTIVITIES | ASSIGNMENT |
| APRIL | 22 | 11 11 | **2. Micro-organisms- Friends Foes** **1. The Cell- its Structure and function** | i)Survey to find out the cause ,symptoms and preventive measures of diseases Typhoid & Malariaii)Debatei) Preparation of Onion peel mount ii) Comparative study of plant & animal cell using chartsiii)Role play | Make a chart on use of natural and chemical preservatives in different food items.Observe microorganisms in your kitchen WorksheetCollect the labels from the bottles of Jams and Jellies. Enlist the preservatives mentioned on labels.i) Worksheetii) Prepare a Jigsaw Puzzle on plant cell/ Animal cell. |
| MAY | 24 | 978 | **4. Force and Pressure** **5.Friction****8.Conservation of plants and animals** | i)Group activity to show the effects of force ,pressure in daily life.ii) To study the properties of liquid pressure.i) To study effect of friction in daily life.i)Poster makingii)Debate on topic “Development vs Conservation” | Worksheet on nature and kind of forces , use of atmospheric pressure in our daily lifeMake a report on how pressure and force is applied on real life objects like knives, shoes and vehicles. To study friction on different surfaces by sliding toy car on different surfacesPlanting a tree and tracking the growth of sapling.Mark and label major national parks and sacturies of India on physical mapInterview family or community about local conservation efforts and make them aware about the same. |
| JULY   | 24 | 7107 | **6. Sources of Energy****16.Electric Current and its Chemical Effects****3. Metals and Non metals** | Videos related to fuels and energy generationTesting conductivity of various solutionsTo demonstrate chemical properties. | Maintain a week long diary to track daily energy usage at home and suggest ways to save them.WorkshopWorksheetsCollect different articles and classify them as metals and non-metals. |
| AUGUST | 22 | 778 | **13. Synthetic Fibres and Plastics** **17.Stars and Solar System****7.Combustion** | To study material made up of Thermoplastic & thermosettingPresentation on stars and solar system by studentsi)To demonstrate that oxygen is necessary for combustion.ii) To study Zones of candle flame | WorksheetWorksheet &Collection of different types of fibres and compare their properties.WorksheetsKitchen visitWorksheets |
| **SEPTEMBER -** | **REVISION & EXAMS**  |
| OCTOBER | 19 | 87 4 | **15. Reaching the age of adolescence****10.Refraction and Dispersion of Light** **20. Pollution of Water** | Group discussioni)To show refractionii)To study the formation and nature of the image ,using lensesSurvey of nearby locality regarding the type of filters used by people to purify water.Poster making | WorksheetMake a chart of endocrine systemAsk elders about their adolescence experiences WorksheetWorksheet |
| NOVEMBER | 22 | 787 | **11. The Human Eye****12. Sound****9. Crop production and its management** | i) To Study human eye with model of eye.ii) Survey on defects of vision.i) To show propagation of sound through water.ii) To study human ear with model of ear.Visit to a nearby firm. | WorksheetWorksheetWorksheet |
| DECEMBER | 24 | 1097 | **14. Reproduction in Animals****19. Pollution of Air****18.Earthquake** | Visit to a poultry farmGroup discussion& PresentationsPoem recitationPPT | Make a chart of life cycle of frog. WorksheetWorksheet |
| January | Revision & Exams  |
| February  | Revision & Exams |

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| **SYLLABUS** |
| **1st UNIT TEST** | **Chapter- 1** |
| **2nd UNIT TEST** | **Chapter- 4&2** |
|  **Preboard Exams** | **Chapter­- 1,3,10,11,12,13,14,17,20** |
|  **Board Exams** | **Chapters-1,3,10-15,17,20+ Rpted chapters (to be decided by the board)** |

**Blue Print**

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| **Unit Exam** | **Marks** |
| Very Short Answer Type Questions | 4\*1=4 |
| Short Questions | 2\*3=6 |
| Total Marks | 10 |

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| Sr No. | Typology | No. of Questions  | Marks allotted to each question  | Total Marks |
| 1. | MCQ | 16 | 1 | 16 |
| 2. | A/R | 4 | 1 | 4 |
| 3. | SAI | 6 | 2 | 12 |
| 4. | SAII | 7 | 3 | 21 |
| 5. | Long Answer | 3 | 5 | 15 |
| 6. | Case Based | 3 | 4 | 12 |
| Total |  | 39 |  | 80 |