

BAGARIA BAL VIDYA NIKETAN

LAXMANGARH-SIKAR

SYLLABUS & LESSON PLANNER - 2024-25

CLASS - VII

SUBJECT - Science

TEACHER NAME Sanjay Kumar Kumawat

SYLLABUS

| Ch No. | Name of Book | Name of Chapter | Working Day | Period | Topic | Month | Week |
|------------|--|-----------------------|-------------|--------------------------------|--|---------|----------|
| Ch - 1 | N.C.E.R.T | Nutrition in Plants | 23 | 23 | Mode of Nut. in Plants | APRIL | 1,2,3, 4 |
| | | | | | Photosynthesis | | |
| | | | | | Other modes of Nutrition in Plants | | |
| | | | | | Saprotrophs | | |
| Ch - 2 | | Nutrition in Animals | 13 | 13 | Diff. ways of Taking food | MAY | 1,2, 3 |
| | | | | | Digestion in Humans | | |
| | | | | | Digestion in Grass eating Animals | | |
| | | | | | Feeding and Digestion in Amoeba | | |
| Ch - 3 | | Heat | 11 | 11 | Hot and Cold, Transfer of heat , Wollen Clothes keep us warm in winter, Measuring Temperature Laboratoryn Thermometer, Kinds of cloths We wear in summer and winter. | JUNE | 1,2 |
| Ch - 4 | | Acid, Bases and Salts | 26 | 26 | Acids and Bases | JULY | 1,2,3,4 |
| | Litmus | | | | | | |
| | Neutralisation | | | | | | |
| Ch - 5 | Physical and Chemical Changes | 24 | 24 | Physical Changes | AUGUST | 1,2,3,4 | |
| | | | | Chemical Changes | | | |
| | | | | Rusting of Iron | | | |
| Ch - 6, 10 | Respiration in Organisms, Electric current and its Effects | 23 | | Respiration | SEPTEMBER | 1,2,3,4 | |
| | | | | Breathing | | | |
| | | | | What do We Breathe out? | | | |
| | | | | Breathing in other Animals | | | |
| | | | | Breathing under water | | | |
| | | | | Symbols of Electric Components | | | |
| Battery | | | | | | | |

| | | | | | | | | |
|---|-----------|---|----|----|-------------------------------------|----------|---------|-----------------------------------|
| | | | | | Heating Effect of Electric current | SE | | |
| | | | | | Magnetic Effect of Electric Current | | | |
| | | | | | Electromagnet | | | |
| | | | | | Electric Bell | | | |
| Syllabus Break due to Exam Period and Holidays in the month of October | | | | | | | | |
| Ch - 7, 13 | N.C.E.R.T | Transportation in Animals and Plants, Waste water Story | 23 | 23 | Circulatory System | NOVEMBER | 1,2,3,4 | |
| | | | | | | | | Heartbeat |
| | | | | | | | | Excretion in Animals |
| | | | | | | | | Excretory system in Humans |
| | | | | | | | | Transport of Substances in Plants |
| | | | | | | | | Transpiration |
| | | | | | | | | Water, our Lifeline |
| | | | | | | | | Sewage |
| | | | | | | | | Treatment of Polluted Water |
| | | | | | | | | WWTP |
| | | | | | | | | Better Housekeeping Practices |
| | | | | | | | | Sanitation and Diseases |
| | | | | | | | | Sewage Disposal |
| | | | | | Sanitation at Public Places | | | |
| Ch - 8, 12 | | Reproduction in Plants, Forests | 23 | 23 | Mode of Reproduction | DECEMBER | 1,2,3,4 | |
| | | | | | Asexual Reproduction | | | |
| | | | | | Pollination | | | |
| | | | | | Fertilisation | | | |
| | | | | | Visit to a Forest | | | |
| | | | | | Humus, Decomposers | | | |
| Ch -9, 11 | | Motion and Time, Light | 27 | 27 | Speed | JANUARY | 1,2,3,4 | |
| | | | | | Measurement of Time | | | |
| | | | | | Units of time and speed | | | |
| | | | | | Measuring Speed | | | |
| | | | | | Distance Time Graph | | | |
| | | | | | Image and object | | | |
| | | | | | Reflection of Light | | | |
| | | | | | Spherical Mirrors | | | |
| | | | | | Lenses | | | |
| | | | | | sunlight | | | |
| | | | | | Rainbow | | | |