

Class- VII
Subject Science
Term Wise Syllabus
Academic Session (2010-2011)

FIRST TERM

- Chapter 1 – Nutrition in plants
- Chapter 2 - Nutrition in Animals
- Chapter 3 – Fibre to Fabric
- Chapter 4 – Heat
- Chapter 5 – Acids, Bases and Salts
- Chapter 6 – Physical and Chemical changes
- Chapter 7 – Weather, Climate and Adaptations of Animals to Climate
- Chapter 9 - Soil
- Chapter 10 – Respiration in Organisms r 8 – Winds, Storms and Cyclones

Second Term

- Chapter 11 – Transportation in Animals and Plants
- Chapter 12 – Reproduction in plants
- Chapter 13 – Motion and Time
- Chapter 14 – Electric Current and its Effects
- Chapter 15 – Light

THIRD TERM

- Chapter 16 – Water: A Precious Resource
- Chapter 17 – Forests: Our Lifeline
- Chapter 18 – Wastewater Story

| Month | Dates | No . of Days | Chapter/ Topics |
|------------------------|--------------------|--------------|---|
| APRIL | 1-3 | 2 | <u>Chapter -1 Nutrition in Plants</u> Mode of nutrition in plant |
| | 5-9 | 5 | Photo Synthesis – Food making Process in Plants, Synthesis of Plant Food other than Carbohydrates |
| | 12-17 | 6 | Other modes of nutrition in plant. Saprotrophs, How nutrient are Replenished in the soil. Related Activities and Practical |
| | 19-24 | 6 | <u>Chapter 2 - Nutrition in Animals</u> Different ways of taking food, Digestion in Humans. Digestion in Grass- Eating Animals. Feeding and Digestion in Amoeba. Related Activities and Practical. |
| APRIL & MAY 2010 | 26.4.10 to 1.5.10 | 6 | <u>Chapter 3 – Fibre to Fabric</u> Animal Fiber- Wool, Animals that yield wool , Related Activities and Practical. |
| May 2010 | 3-7 | 5 | Animal fiber- silk, life history of silk moth, From cocoon to silk, Related Activities and Practical. |
| MAY 20010 & JUNE 20010 | 10-5-10 to 25-6-10 | | Summer Vacation |

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| JUNE-JULY 2010 | 26,28-6-10 to 3-7-10 | 7 | <u>Chapter 4 – Heat</u> Hot and Cold, Measure Temperature , Laboratory Thermometer, Transfer of Heat, Kind of clothes WE Wear in Summer and Winter and Related Activities and Practical |
| JULY-2010 | 5-9 | 5 | <u>Chapter 5 – Acids, Bases and Salts</u> Acids and Bases, Natural Indicators Around Us, Neutralisation, Neutralisations in Everyday Life |
| | 12-17 | 6 | Related Activities and Practicals of chapter -5 <u>Chapter 6 – Physical and Chemical changes</u> Physical Changes, Chemical Change, |
| | 19-24 | 6 | Rusting of Iron ,Crystallization Related Activities and Pr of Chapter 6 |
| | 26-31 | 6 | <u>Chapter 7 – Weather, Climate and Adaptations of Animals to Climate</u> Weather , Climate, Climate and Adaptation- The Polar Regions, The Tropical Rainforests Related Activities and Practical |
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| AUGUST-2010 | 2-7 | 6 | <u>Chapter 8 – Winds, Storms and Cyclones</u> Air Exerts pressure, High Speed Winds are Accompanied by Reduced Air Pressure, Air Expands on Heating, Wind Currents are Generated Due to Uneven Heating on the Earth, |
| | 9-13 | 5 | Thunderstorms and Cyclones, Destruction Caused by Cyclones, Effective Safety Measures, Advanced Technology Has Helped, Related activities and Practical |
| | 16-21 | 6 | <u>Chapter 9 – Soil</u> Soil Teeming With Life. Soil profile, Soil Types, Properties of soil, Moisture in Soil, Absorption of Water By Soil, Soil and Crops , Related Activities and Practical . |
| | 23-28 | 6 | <u>Chapter 10 Respiration in Organisms</u> Why Do We Respire, Breathing, How Do We Breathe? ,Breathing Under Water ,Breathing In Other Animals , ?What Do We Breathe Out Do Plants Also Respire |
| AUG.-SEPT.-2010 | 30.8.10 - 4.9.10 | 5 | Related Activities and Practical of Chapter 10 & Revision |
| SEPTEMBER 2010 | 6-10 | 4 | Revision |
| | 8-9-10 | | First CCEP Exam. |
| | 13.9.10- 20-9-10 | | First Terminal Exam |
| | 21-25 | 5 | Discussion of Question Paper <u>Chapter 11 – Transportation in Animals and Plants</u> Circulatory System- Blood, Blood Vessels |
| | 27-30 | | Chapter-11 Heart, Heart Beat, Excretion in Animals Related activities |
| OCT.-2010 | 1.10.10- 17.10.10 | | Closure of schools Due to Commonwealth Games & Autumn Break |

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| | 18-23 | 5 | <u>Chapter-11</u> Transport of Substances in Plants, Transpiration Related activities & Practical |
| | 25-30 | 6 | <u>Chapter 12 – Reproduction in plants</u> Modes of Reproduction, Asexual reproduction, Sexual Reproduction, Fruits and seed Formation |
| NOVEMBER 2010 | 1-6 | 5 | Seed Dispersal, related activities & practical of chapter 12 <u>Chapter-13 Motion and Time</u> Slow Or Fast, Speed |
| | 8-12 | 5 | Measurement of Time, Measuring Speed, Distance-Time Graph, Related activities and practical |
| | 15-20 | 5 | <u>Chapter 14 – Electric Current and its Effects</u> Symbols of Electric Components, Heating Effect of Electric Current, Magnetic Effect of Electric Current, Electromagnet, related activities |
| | 22-27 | 6 | <u>Chapter 15 – Light</u> Light Travels Along A Straight Line Reflection of Light, Right or Left ,Playing With Spherical Mirrors, Images Formed By Lenses, Sunlight – White Or Colored |
| NOV&DEC 2010 | 29.11.10- 4.12.10 | 6 | Related Activities and Practical of chapter-15 & Revision |
| DECEMBER 2010 | 6-10 | 4 | Revision |
| | 10.12.10 | | II nd CCEP Exam |
| | 13.12.10-22.12.10 | | II nd Term. Exam |
| | 23.12.10-24.12.10 | 2 | Discussion of Question Paper |
| DEC 2010 & JAN 2011 | 27.12.10-7.1.11 | | WINTER BREAK |

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| JANUARY 2011 | 10-15 | 6 | <u>Chapter 16 – Water: A Precious Resource</u> How Much Water Is Available, Forms of Water, Ground water as an Important Source of Water, Depletion of water Table Distribution of Water, Water Management, What Role You Can Play, Effect Of Water Scarcity On Plants, Related activities & practical |
| | 17-22 | 6 | <u>Chapter 17 – Forests: Our Lifeline</u> Visit to a Forest Visit to a Forest, humus, decomposers Related activities and practical |
| | 24-29 | 5 | <u>Chapter 18 – Waste water Story</u> Water Our Lifeline, What is Sewage? , Water Freshens up ,Waste Water Treatment Plant |
| JAN& FEB 2011 | 31.1.11-5.2.11 | 6 | Better House Keeping Practices, Sanitation and disease , Alternative Arrangement For Sewage Disposal, Sanitation At Public Places Related activities and practical & Revision |
| | 7-11 | 5 | Revision |
| | 14-19 | 6 | Revision |
| FEBRUARY 2011 | 21-28 | 5 | Revision & Final Terminal Exam |
| MARCH 2011 | 1.3.11-.30.3.11 | | EXAM HOME& BOARD |
| | 31.3.11 | | RESULT |

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