

Class- VII
Subject Science
Term Wise Syllabus
Academic Session 2009-2010

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 8 – Winds, Storms and Cyclones

Second Term

Chapter 9 - Soil

Chapter 10 – Respiration in Organisms

Chapter 11 – Transportation in Animals and Plants

Chapter 12 – Reproduction in plants

Chapter 13 – Motion and Time

Chapter 14 – Electric Current and its Effects

THIRD TERM

Chapter 15 – Light

Chapter 16 – Water: A Precious Resource

Chapter 17 – Forests: Our Lifeline

Chapter 18 – Wastewater Story

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Subject Science
Weekly Bifurcation of Syllabi
Academic Session 2009-2010

Month	Dates	No. of Days	Chapter/ Topics
APRIL	1-4	3	<u>Chapter -1 Nutrition in Plants</u> Mode of nutrition in plant
	6-11	3	Photo Synthesis – Food making Process in Plants, Synthesis of Plant Food other than carbohydrates
	13-18	6	Other modes of nutrition in plant. Saprotrophs, How nutrient are Replenished in the soil. Related Activities and Practical
	20-25	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.
	27-30	3	Related Activities and Practical
MAY 2009 & JUNE 2009		60	SUMMER VACATION
JULY	1-4	4	<u>Chapter 3 – Fibre to Fabric</u> Animal Fiber- Wool, Animals that yield wool , Related Activities and Practical
	6-11	5	Animal fiber- silk, life history of silk moth, From cocoon to silk, Related Activities and Practical
	13-18	6	<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
	20-25	6	<u>Chapter 5 – Acids, Bases and Salts</u> Acids and Bases, Natural Indicators Around Us, Neutralisation, Neutralisations in Everyday Life.
JULY- AUGUST	27-31 & 1	5	Related Activities and Practicals of chapter -5 <u>Chapter 6 – Physical and Chemical changes</u> Physical Changes, Chemical Change,
AUGUST	3-8	5	Rusting of Iron, Crystallization , Related Activities and Practical
	10-15	4	<u>Chapter 7 – Weather, Climate and Adaptations of Animals to Climate</u> Weather , Climate, Climate and Adaptation- The Polar Regions, The Tropical Rainforests
	17-22	6	Related Activities and Practical of Chapter -7 <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
	24-29 & 31	6	Thunderstorms and Cyclones, Destruction Caused by Cyclones, Effective Safety Measures, Advanced Technology Has Helped, Related activities and Practical.
SEPTEMBER	1-5	4	REVISION
	04/09/09		FIRST CCEP EXAM
	7-9	3	REVISION
	10-18		FIRST TERMINAL EXAMINATION
	19-28		AUTUMN BREAK
Sep-October	-29/09/09 03/10/09	3	PAPER DISCUSSION
OCTOBER	5-10	5	<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 ,
	12-17	5	Related Activities and Practical of chapter-9 <u>Chapter 10 – Respiration in Organisms</u> Why Do We Respire, Breathing, How Do We Breathe?
	19-24	6	,Breathing Under Water ,Breathing In Other Animals , ?What Do We Breathe Out Do Plants Also Respire Related Activities and Practical
	26-31	5	<u>Chapter 11 – Transportation in Animals and Plants</u> Circulatory System, Excretion in Animals, Related Activities and Practical
NOVEMBER	2-7	5	Transport of Substances in Plants, Related activities <u>Chapter 12 – Reproduction in plants</u> Modes of Reproduction
	9-14	5	Asexual reproduction, Sexual Reproduction, Fruits and seed Formation, Seed Dispersal, related activities.
	16-21	6	<u>Chapter 13 – Motion and Time</u> Slow Or Fast, Speed, Measurement of Time, Measuring Speed, Distance-Time Graph, Related activities and practical
	23-30	6	<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.
DECEMBER	1-5	5	PRACTICAL AND REVISION
	7-12 & 14	5	REVISION
	11/12/09		SECOND CCEP EXAM
	15-22		SECOND TERMINAL EXAM.
	23-24	1	Discussion of Question Paper
	25-31		WINTER BREAK
JANUARY	1-2	2	<u>Chapter 15 – Light</u> Light Travels Along A Straight Line

	4-9	5	Reflection of Light, Right or Left ,Playing With Spherical Mirrors, Images Formed By Lenses, Sunlight – White Or Colored
	11-16	6	Related Activities and Practical of chapter-15 <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.
	18-23	6	Distribution of Water, Water Management, What Role You Can Play, Effect Of Water Scarcity On Plants, Related activities <u>Chapter 17 – Forests: Our Lifeline</u> Visit to a Forest
	25-30	4	Visit to a Forest, humus, decomposers Related activities and practical
FEBRUARY	1-6	6	<u>Chapter 18 – Waste water Story</u> Water Our Lifeline, What is Sewage? , Water Freshens up ,Waste Water Treatment Plant, Better House Keeping Practices, Sanitation and disease , Alternative Arrangement For Sewage Disposal, Sanitation At Public Places Related activities and practical
	8-13	5	REVISION
	15-20	6	REVISION
	22-27	5	REVISION
MARCH	1-16		ANNUAL EXAM
	31/03/2010		RESULT

Prepared By:

NAME	ID	DESIGNATION	NAME OF THE SCHOOL
Mrs. Savitri Tyagi	19790652	TGT (N.Sc.)	I SKV G-Block Saket
Mrs. Rajnee Bala	19930753	TGT (N.Sc.)	I SKV G-Block Saket