

**APRIL  
BLOSSOMS OF NEW BUDS**

**SCHOLASTIC**

**CO-SCHOLASTIC**

English	Flamingo Prose- The Last Lesson and Lost Spring Poetry-My Mother at Sixty Six Poetry -Keeping Quiet Vistas The Third Level Writing skills-Letter to Editor and Notice Writing	Group discussion.
Physics	Ch-1 Electric charges and fields. Ch-2 Electrostatic potential and capacitance(continued)	---
Chemistry	Ch-6 Haloalkanes & haloarenes Ch-7 Alcohols, phenols and ethers	Determination of concentration/ molarity of $KMnO_4$ solution by titrating it against a standard solution of $M/20$ Ferrous Ammonium Sulphate (Mohr's Salt)
Biology	Ch-2 Sexual reproduction in flowering plants. Ch - 3 Human reproduction (Continued)	Experiment.1 Prepare a temporary mount to observe pollen germination.
Physical Education	Unit-1 Management of Sporting Events	Prepare fixtures of knock-out, league and combination tournaments.
Computer Science	Ch-1 Python Revision Tour-I Ch-2 Python Revision Tour-II Ch-3 Working with functions.	Python Program in Lab.
Painting	Ch.1 Introduction of Art Ch.2 Six limbs of Art Ch.3 Elements of Art	Practical work Group Discussion



**SCHOLASTIC**

**MAY**  
**"ECO-GREEN GALA"**



**CO-SCHOLASTIC**

English	Flamingo Prose-Deep Water Vistas The Tiger King. Writing Skills- Article Writing+ Formal and Informal Invitation and Replies.	Class test.
Physics	Ch-2 Electrostatic potential and capacitance(Completed) Ch-3 Current electricity(conti..)	--
Chemistry	Ch-7 Alcohols, phenols and ethers (Contd) Ch-8 Aldehydes ketones and Carboxylic acids	Determination of concentration/ molarity of $\text{KMnO}_4$ solution by titrating it against a standard solution of $\text{M}/40$ Oxalic acid
Biology	Ch-3 Human reproduction Ch -4 Reproductive Health	EXPERIMENT - 2 Study the plant population density by quadrat method.
Physical Education	Unit-2 Children and Women in Sports	Classify common postural deformities and identify corrective measures.
Computer Science	Ch-4 Using Python Libraries (Some important concepts only) Ch-5 Data file handling	Python Program in Lab
Painting	Ch.4 Principles of Art Ch.5 History of Indian miniature painting	Practical Work Group Discussion

# JULY

## "HOLLYHOCKS & HAMMOCKS"

**SCHOLASTIC**

**CO-SCHOLASTIC**

English	<p>Flamingo                      Prose- The Rattrap and Indigo.                      Poetry- A Thing of Beauty.                      Vistas                      Journey to the end of the Earth.                      Reading Comprehension Factual, Descriptive or Literary Passage.                      Writing Skills- Job Application Letter.</p>	<p>Group Discussion – Debate on Topics taught to inculcate confidence and creative understanding</p>
Physics	<p>Ch-3 Current electricity(Completed)                      Ch-4 Moving charges and magnetism                      Ch-5 Magnetism and matter</p>	<p>EXPERIMENTS: 1.To determine resistivity of two / three wires by plotting a graph for potential difference versus current.2.To find resistance of a given wire / standard resistor using metre bridge. 3.To verify the laws of combination (series) of resistances using a metre bridge</p>
Chemistry	<p>Ch-8 Aldehydes ketones and Carboxylic acids (contd)                      Ch-9 Amines</p>	<p>Tests for the functional groups present in organic compounds: alcoholic, phenolic, ketonic, carboxylic and amino (Primary, secondary and tertiary) groups. and aldehydic groups.</p>
Biology	<p>Ch-5 Principles of inheritance and variation Ch-6 Molecular basis of Inheritance ( continued)</p>	<p>Experiment - 3 Study the population frequency by quadrat method.</p>
Physical Education	<p>Unit-3 Yoga as preventive measure for lifestyle disease.                      Unit-4 Physical education and sports for CWSN ( Children with Special Needs - Divyang)</p>	<p>*Outline the role of yogic management for various health benefits and preventive measures.* Create advantages for children with special needs through physical activities.</p>
Computer Science	<p>Ch-5 Data file Handling (Continue..)                      Ch-9 Data structure-II (Stack)</p>	<p>Python Programs</p>
Painting	<p>Ch.6 Rajasthani school of miniature painting.</p>	<p>Practical Work Group Discussion</p>

# AUGUST

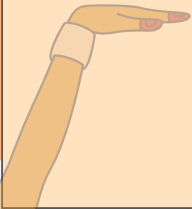
## "LET FREEDOM RINGS"

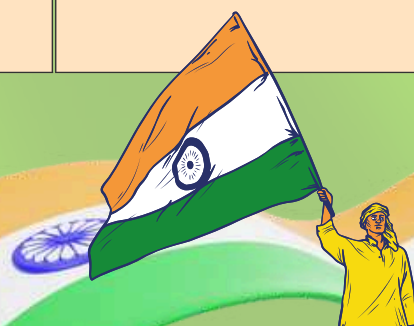


**SCHOLASTIC**



**CO-SCHOLASTIC**

<p>English</p> 	<p>Flamingo Prose-Poets &amp; Pancakes . Poetry -A Roadside Stand . Vistas The Enemy and On the Face of it. Writing Skills- Report Writing</p>	<p>Class Test</p>
<p>Physics</p>	<p>Ch-6 Electromagnetic Induction Ch-7 Alternating Current Ch-8 EM Waves</p>	<p>4. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.</p>
<p>Chemistry</p>	<p>Ch-10 Biomolecules Ch-1 Solutions</p>	<p>Characteristic tests of carbohydrates, fats and proteins in pure samples and their detection in given foodstuffs.</p>
<p>Biology</p>	<p>Ch- 6 Molecular basis of inheritance Ch- 7 Evolution</p>	<p>Experiment -4. Prepare a temporary mount of onion root tip to study mitosis</p>
<p>Physical Education</p>	<p>Unit-5 Sports and Nutrition. Unit-6 Test &amp; Measurement in sports</p>	<p>* Classify Nutritive and Non- Nutritive components of diet.* Perform SAI Khelo India Fitness test in school.</p>
<p>Computer Science</p>	<p>Ch-10 Communication and Network Concepts</p>	<p>Python Programs in Lab</p>
<p>Painting</p>	<p>Ch-7 The Pahari School of Miniature Painting Unit 2 Ch.8 The Mughal school of miniature painting</p>	<p>Work sheet Assignment and Practical work.</p>



**SEPTEMBER**  
**"EAT HEALTHY, THINK HEALTHY"**

**SCHOLASTIC**

**CO-SCHOLASTIC**

English	Flamingo Prose-The Interview Poetry-Aunt Jennifer's Tigers	Interview Based Activity
Physics	Ch-9 Ray optics and optical instruments	ACTIVITIES: SECTION-A 1. To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter. 2. To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source. 3. To assemble the components of a given electrical circuit.
Chemistry	Ch- 2 Electrochemistry	Determination of one anion and one cation in a given salt
Biology	Ch-8 Human health and diseases	Experiment -5 Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc. given electrical circuit.
Physical Education	Unit-7 Physiology and Injuries in sports	Classify sports Injuries with it's management.
Computer Science	Ch-11 Relational Database Ch-12 Simple queries in SQL	
Painting	Ch- 9 The Deccan School of Miniature Painting	Assignment Practical work

**OCTOBER**  
**"SWEETS TO SWEETEN SUCCESS"**

**SCHOLASTIC**

**CO-SCHOLASTIC**

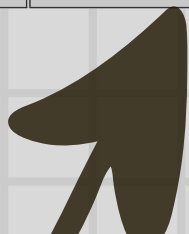
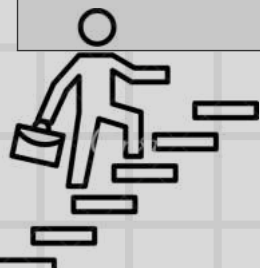
English	Flamingo Going Places Vistas Memories of Childhood Reading Skills- Case Based Comprehension Passage	Commencement of Project Work for ALS.
Physics	Ch-10 Wave optics (Completed) Ch-11 Dual Nature of Radiation	EXPERIMENTS:SECTION-B 5.To find the value of $v$ for different values of $u$ in case of a concave mirror and to find the focal length. 6.To find the focal length of a convex mirror, using a convex lens. 7.To find the focal length of a convex lens by plotting graphs between $u$ and $v$ or between $1/u$ and $1/v$ .
Chemistry	Ch-3 Chemical Kinetics Ch-4 d and f block elements	Determination of one anion and one cation in a given salt
Biology	Ch-8 Microbes in human welfare Ch -9 Biotechnology and it's principles Ch-10 Biotechnology and it's applications	Spotting no. 1and 2
Physical Education	Unit-8 Biomechanics and Sports. Unit-9 Psychology and Sports.	* Recognize the concept of Projectile in sports.* Classify different types of personality and their relationship with sports performance.
Computer Science	Ch-13 Table creation and Data manipulation commands. Ch-14 Grouping Records, Joins in SQL	
Painting	Ch.10 The Bengal School of Art Ch-11 Indian National Flag	Assignment Practical work

**NOVEMBER**  
**"BE ODD TO BE NO.1"**

**SCHOLASTIC**

**CO-SCHOLASTIC**

English	Revision of Literature and Writing Skills.	Assessment of listening and speaking skills( to be judged on year round performance too)
Physics	Ch-12 Atoms Ch-13 Nuclei Ch-14 Semiconductor electronics	EXPERIMENTS:SECTION-B 8.To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation. 9.To determine refractive index of a glass slab using a travelling microscope.10. To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias.
Chemistry	Ch-5 Coordination compounds	
Biology	Ch-11 Organisms and population Ch-12 Ecosystem Ch-13 Biodiversity and it's conservation	Spotting no. 3,4 and 5
Physical Education	Unit-10 Training in Sports	Develop different types of Training Methods
Computer Science	Ch-15 Interface Python with MYSQL	SQL queries in Lab
Painting	Ch-12 Modern Indian Art and their trends Painting, Sculpture and Graphic Print	Assignment Practical work



# DECEMBER "THE SPIRIT OF GRATITUDE"

**SCHOLASTIC**

**CO-SCHOLASTIC**

English	Preboard 1 and 2	Project work ALS
Physics	Preboard 1 and 2	Activity Section- B1.1. identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items. 2. Use of multimeter to see the unidirectional flow of current in case of a diode and an LED to check whether a given electronic component (e.g., diode) is in working order. 3. To observe diffraction of light due to a thin slit.
Chemistry	Preboard 1 and 2	Revision
Biology	Preboard 1 and 2	Revision
Physical Education	Preboard 1 and 2	Revision
Computer Science	Preboard 1 and 2	Revision
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