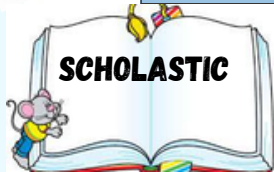
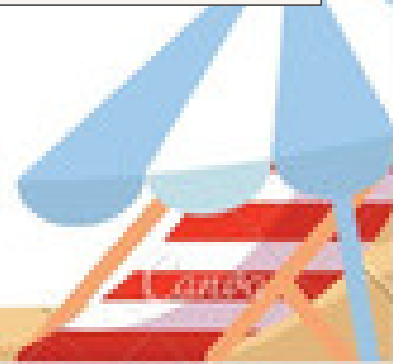


APRIL
"REJOICE THE BLESSINGS OF NEW BEGINNINGS"



**SUBJECT
ENRICHMENT**

<i>English</i>	Flamingo: Prose-The Last Lesson and Lost Spring Poetry-My Mother at Sixty Six Vistas The Third Level Writing Skills : Letter to Editor and Notice Writing	Group Discussion
<i>Physics</i>	Ch-1 Electric charges and Fields Ch-2 Electrostatic Potential and Capacitance(continued)
<i>Chemistry</i>	Ch-10 Haloalkanes & Haloarenes Ch-11 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)
<i>Maths</i>	Ch-1 Relation and Function Ch-2 Inverse Trigonometric Function	Lab Manual Activity
<i>Physical Education</i>	Unit.1 Management of Sporting Events	Aerobic and Anaerobic Exercises
<i>CS</i>	Ch-1 Review of Python Basics	Python Programs in Lab
<i>Painting</i>	Ch.1 Introduction of Art Ch.2 Six limbs of Art Ch.3 Elements of Art Ch.4 Principles of Art	Practical work Group Discussion



MAY
"HEALTHY ME"

<i>English</i>	Flamingo Deep Water (Prose) Keeping Quiet(Poetry) Writing Skills- Article Writing	Class Test
<i>Physics</i>	Ch-2 Electrostatic Potential and Capacitance(Completed) Ch-3 Current Electricity
<i>Chemistry</i>	Ch-11 Alcohols, Phenols and Ethers (Contd) Ch-12 Aldehydes ketones and Carboxylic acids	Determination of concentration/ molarity of $KMnO_4$ solution by titrating it against a standard solution of M/40 Oxalic acid
<i>Maths</i>	Ch-3 Matrices Ch- 4 Determinants	Lab Manual Activity
<i>Physical Education</i>	Unit.2 Children and Women in Sports	Rythmic Exercises
<i>CS</i>	Ch-2 Functions Ch-4 Data File Handling	Python Programs in Lab
<i>Painting</i>	Unit 1 Ch- 5 History of Indian Miniature Painting Ch-6 Rajasthani School of Miniature Painting	Practical Work & Group Discussion

JULY

"BUILDING BLOCKS OF SUCCESS"

SCHOLASTIC

SUBJECT ENRICHMENT

English

Flamingo (Prose) The Rattrap and Indigo
Poetry A Thing of Beauty
Vistas: The Tiger King and Journey to the
End of the Earth
Reading Comprehension Factual,
Descriptive or Literary Passage
Writing Skills: Invitations (Formal &
Informal) & their replies

Group Discussion -Debate on Topics
taught to inculcate confidence and
creative understanding

Physics

Ch-3 Current Electricity
Ch-4 Moving Charges and Magnetism

Experiments:
1. To determine resistivity of 2/3
wires by plotting a graph for p.d.
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

Chemistry

Ch-12 Aldehydes ketones and Carboxylic
Acids (contd)
Ch-13 Amines

Tests for the functional groups
present in organic compounds:
alcoholic, phenolic, ketonic,
carboxylic and amino
(Primary)groups. and aldehydic
groups

Maths

Ch -5 Continuity and Differentiability

To demonstrate a function which
is not one-one but is on to

*Physical
Education*

Unit.3 Yoga as Preventive Measure for
Lifestyle Disease
Unit.4 Physical Education and Sports for
CWSN

- Padahastasana
- Trikonasana

*Computer
Science*

Ch-4 Data File Handling (continue)

Python Programs in Lab

Painting

Ch-7 The Pahari school of Miniature
Painting

Group Discussion &
Practical Work

PERIODIC TEST-1

AUGUST

SCHOLASTIC

SUBJECT ENRICHMENT

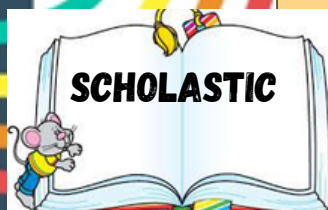
<i>English</i>	Flamingo: Poets & Pancakes Poetry -A Roadside Stand Vistas: The Enemy and On the Face of It Writing Skills: Report Writing	Class Test
<i>Physics</i>	Ch-5 Magnetism and Matter Ch-6 Electromagnetic Induction Ch-7 Alternating Current (Contd...)	4.To determine resistance of a galvanometer by half deflection method and to find its figure of merit.
<i>Chemistry</i>	Ch-14 Biomolecules Ch-2 Solutions	Characteristic tests of carbohydrates, fats and proteins in pure samples and their detection in given foodstuffs.
<i>Maths</i>	Ch-6 Application of Derivatives Ch-7 Integrals	1.To draw the graph of $\sin^{-1} x$ using the graph of $\sin x$ and demonstrate the concept of mirror reflection 2. To explore the principle value of the function $\sin^{-1} x$ using a unit circle
<i>Physical Education</i>	Unit.5 Sports and Nutrition	<ul style="list-style-type: none"> • Utkatasana • Padmasana
<i>Computer Science</i>	Ch-6 Data Structure in Python	Python Programs in Lab
<i>Painting</i>	Unit 2 Ch-8 The Mughal School of Miniature Painting Ch-9 The Deccan School of Miniature Painting	Worksheet Assignment Practical Work

**SCHOLASTIC****SEPTEMBER
"RAY OF HOPE"****SUBJECT
ENRICHMENT**

<i>English</i>	Flamingo :The Interview Poetry: Aunt Jennifer's Tigers Writing Skills: Letter for Job Application	Interview Based Activity
<i>Physics</i>	Ch-7 Alternating Current Ch-8 EM Waves	Activity: (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
<i>Chemistry</i>	Ch-3 Electrochemistry	Determination of one anion and one cation in a given salt
<i>Maths</i>	Revision	Revision
<i>Physical Education</i>	Unit.6 Test & Measurement in Sports	<ul style="list-style-type: none">• Paschimottanasana• Balasana
<i>Computer Science</i>	Ch- 7 Computer Networks
<i>Painting</i>	Ch-10 Indian National Flag

HALFYEARLY EXAMINATION

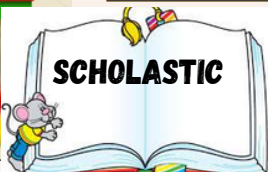
OCTOBER "INSIGHT & IMITATION"



SUBJECT ENRICHMENT

<i>English</i>	Flamingo: Going Places Vistas: Memories of Childhood Reading Skills: Case Based Comprehension Passage	Commencement of Project Work for ALS
<i>Physics</i>	Ch-9 Ray Optics and Optical Instruments Ch-10 Wave Optics	Experiment;- 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 $1/v$
<i>Chemistry</i>	Ch-4 Chemical Kinetics Ch-8 d and f Block Elements	Determination of one anion and one cation in a given salt
<i>Maths</i>	Ch-8 Application of Definite Integral Ch-9 Differential Equations Ch-10 Vectors	1.To find the analytically the limit of the function $F(x)$ at $x = c$ and also to check the continuity of the function at the point. 2.To understand the concepts of decreasing and increasing functions
<i>Physical Education</i>	Unit.7 Physiology and Injuries in Sports Unit.8 Biomechanics and Sports	<ul style="list-style-type: none"> • Mandugasana • Vajrasana
<i>Computer Science</i>	Ch-7 Computer Networks (Continue)
<i>Painting</i>	Ch-11 Introduction of Bengal School of Art Ch-12 Artist and their Painting of Bengal School	Oral Test, Assignment & Group Discussion

NOVEMBER "ABUNDANT LIGHT"



SUBJECT ENRICHMENT

<i>English</i>	Vistas: Revision of Literature and Writing Skills	Assessment of Listening & Speaking Skills (To be judged on year round performance too)
<i>Physics</i>	Ch-11 Dual Nature of Radiation and Matter Ch-12 Atoms Ch-13 Nuclei Ch-14 Semiconductor Electronics	Experiment: 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
<i>Chemistry</i>	Ch-9 Coordination Compounds
<i>Maths</i>	Ch-13 Probability Ch-12 Linear Programming Ch-11 3D Geometry	Explain the computation of conditional probability of a given event when an event we have already occurred through an example of throwing a pair of dice
<i>Physical Education</i>	Unit.9 Psychology and Sports Unit.10 Training in Sports	<ul style="list-style-type: none"> • Bhujangasana • Dhanurasana
<i>Computer Science</i>	Ch-8 Relational Database and SQL Ch-9 Interface Python with SQL	SQL Queries in Lab
<i>Painting</i>	Ch-13 The Modern Trends of Indian Painting Ch-14 Suggested Human Life Values and the study of Method and Materials	Assignment & Practical Work



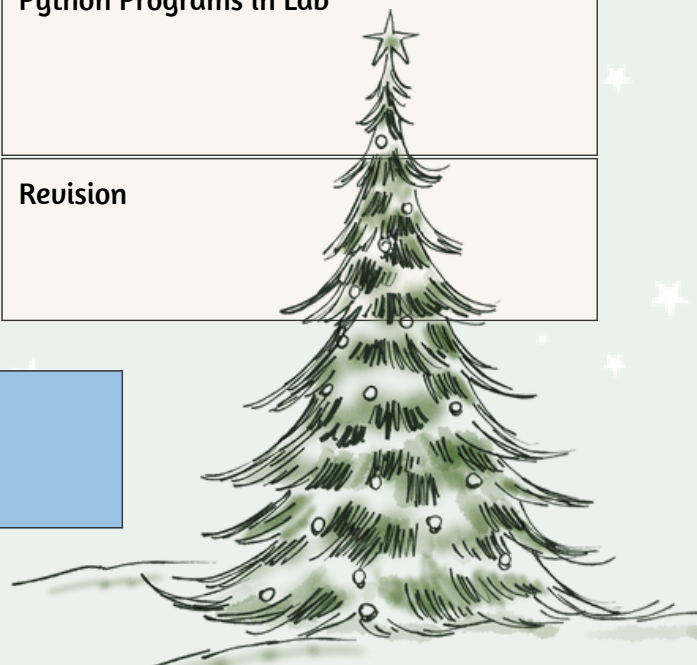
DECEMBER "HAPPINESS AND JOY"

SCHOLASTIC

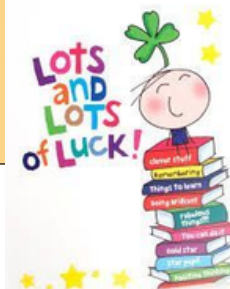
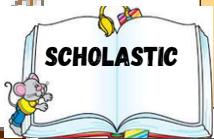
SUBJECT ENRICHMENT

<i>English</i>	Revision	Project Work ALS
<i>Physics</i>	Revision	Activity:Section-B 1.To 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 , LED to check whether it is in working order or not. 3. To observe diffraction of light due to a thin slit.
<i>Chemistry</i>	Revision	Investigatory Project Work
<i>Maths</i>	Revision	Revision
<i>Physical Education</i>	Revision	Revision
<i>Computer Science</i>	Revision	Python Programs in Lab
<i>Painting</i>	Revision	Revision

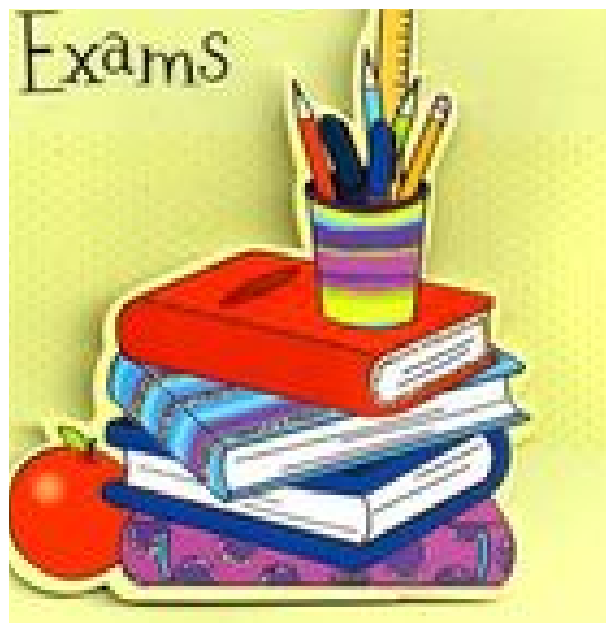
PRE BOARDS



**JANUARY
"IN UNION THERE IS STRENGTH"**



<i>English</i>	Revision
<i>Physics</i>	Revision
<i>Chemistry</i>	Revision
<i>Maths</i>	Revision
<i>Physical Education</i>	Revision
<i>Computer Science</i>	Revision
<i>Painting</i>	Revision



**FEBRUARY
"GO FORTH & CONQUER"**

A LITTLE
progress
EACH DAY
adds up
**TO BIG
Results**

<i>English</i>	Revision
<i>Physics</i>	Revision
<i>Chemistry</i>	Revision
<i>Maths</i>	Revision
<i>Physical Education</i>	Revision
<i>Computer Science</i>	Revision
<i>Painting</i>	Revision