BLS INTERNATIONAL SCHOOL , HATHRAS



2026-27

FLASHLIGHT ON ANNUAL SYLLABUS

CLASS -XI (PCB)

Only a child sees things with perfect clarity, because it hasn't developed all those filters which prevent us from seeing things that we don't expect to see.

Dear Parents,

We welcome you all to this new academic year 2026-2027 charged with great enthusiasm and optimism. We extend our warmest greetings to each and every one of you on this educational journey.

Education is not only an act of acquiring knowledge but learning a skill to lead life and forming one's personality. We focus on discovering, developing and drawing out the hidden talents and the magic lying dormant inside all of our students.

When dealing with students there is a greater need for observing than of probing. All of them may not answer as per the required criteria but they show the interest in it. All the observations play a vital role in nurturing the child in the most appropriate manner. In the present era we need to have holistic approach to groom the personality of our students.

As we know teachers are the nation builders. Our teachers aim that children must be taught how to think , not what to think. For this, they strive hard to continue with providing a holistic education to all students as far as possible through new ways of organizing school programs and activities and our students respond well with appreciation and gratitude.

We would like to express our deepest gratitude to the parents for their remarkable cooperation and trust which they showed in this institution and made our journey a benchmark for others.

Thanks and regards.

APRIL
BLOSSOMS OF NEW BUDS

SCHOLASTIC		CO-SCHOLASTIC
English	Hornbill Ch-1 The Portrait of a Lady Snapshot Ch-1 The Summer of the Beautiful White Horse Writing Skills Advertisement and its types	Group Discussion
Physics	Ch-1 Units and Measurements Ch-2 Motion in a straight line	Class Activity.
Chemistry	Ch-1 Some Basic Concepts of Chemistry Ch-2 Atomic Structure	Class Activity.
Biology	Ch-5 Morphology of flowering plants Ch-6 Anatomy of flowering plants	Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.
Physical Education	Unit - 1. Changing Trends & Career in Physical Education	Subject Enrichment:- Categories changing trends in sports - playing surface, wearable gear, sports equipment, technical.
Computer Science	Ch 1: Computer System Overview Ch 2: Data Representation Ch 4: Introduction To Problem Solving Ch 5: Getting Sarted With Python	Practical Examples
Painting	Ch-1 Introduction of Art Ch-2 Six limbs of arts	Practical

MAY
"ECO-GREEN GALA"

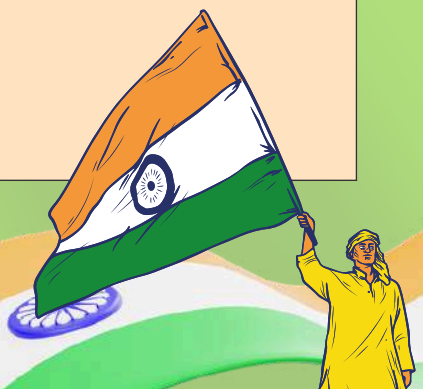
	SCHOLASTIC	CO-SCHOLASTIC
English	Hornbill Ch-2 We're Not Afraid to Die Poem 1: A Photograph Writing Skills PosterMaking Integrated Grammar Exercise	Group Discussion
Physics	Ch2- Motion in a straight line PT I - Syllabus covered by the month of May	To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume. To measure diameter of a given wire and thickness of a given sheet using screw gauge.
Chemistry	Ch-2 Atomic Structure PT-I Syllabus covered by the month of May	Oral Test
Biology	Ch-1: The Living World Ch-2: Biological Classification Ch-3: Plant Kingdom PT I - Syllabus covered by the month of May	Study of distribution of stomata on the upper and lower surfaces of leaves.
Physical Education	UNIT- II OLYMPIC VALUE EDUCATION PT-I Syllabus covered by the month of May	Subject Enrichment:- Identify the Olympic symbol and Ideals
Computer Science	Ch6: Python Fundamentals PT-I Syllabus covered by the month of May	Examples And Practice Questions In Class
Painting	Ch. 3 Elements of Arts Revision PT-I Syllabus covered by the month of May	Practice for Practical

JULY
"HOLLYHOCKS & HAMMOCKS"

	SCHOLASTIC	CO-SCHOLASTIC
English	Hornbill: Ch-3 Discovering Tut: the Saga Continues Snapshot: Ch-2 The Address Writing Skills: Speech Writing Poem 2: The Laburnum Top	GD and Debate on topics to inculcate confidence and creative understanding.
Physics	Ch3- Motion in a plane Ch4- Laws of motion	· To find the weight of a given body using parallelogram law of vectors. · To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm. To study the variation in range of a projectile with angle of projection
Chemistry	Ch -3 Classification of elements and their periodicity Ch-4 Chemical bonding and molecular structure	Determination of pH of some solutions obtained from fruit juices, solution of known and varied concentrations of acids, bases and salts using pH paper or universal indicator
Biology	Ch-4: Animal Kingdom Ch-7: Structural Organisation in Animals	Class Activity.
Physical Education	UNIT-III YOGA UNIT-IV PHYSICAL EDUCATION & SPORTS FOR CWSN U.T. I EXAM (Unit I & II)	Subject Enrichment:- Identify the asanas, pranayama's meditation and yogic kriyas. Subject Enrichment:- Identify the concept of Disability and Disorder
Computer Science	Ch3:Boolean Logic Ch7:Data Handling Ch8:Introduction To Python Module	Examples And Practice Programs In Lab
Painting	Ch. 4 Pre- Historic Rock Painting	Practice for Practical

AUGUST
"LET FREEDOM RINGS"

	SCHOLASTIC	CO-SCHOLASTIC
English	Snapshot Ch-5 Mother's Day Writing Skills Integrated Grammar Exercise Note making and summary Poem 3: The Voice of the Rain	Class Test
Physics	Ch5- Work, Energy and Power Ch6- system of particles and rotational motion	Using a simple pendulum, plot its L-T 2 graph and use it to find the effective length of second's pendulum. To study the relationship between force of limiting friction and normal reaction and to find the co-efficient of friction between a block and a horizontal surface
Chemistry	Ch-5 Thermodynamics Ch-6 Chemical equilibrium	Detection of -Nitrogen, Sulphur, Chlorine in organic compounds.
Biology	Ch-8: Cell – The Unit of Life Ch-10: Cell Cycle and Cell Division	Study of osmosis by potato osmometer
Physical Education	UNIT - V PHYSICAL FITNESS, WELLNESS UNIT – VI TEST, MEASUREMENTS & EVALUATION	Subject Enrichment:- Classify physical fitness and recognize its importance in life. Subject Enrichment:- Discuss the importance of Test, Measurements and Evaluation process
Computer Science	Ch 9: Flow Of Control Ch10: String Manipulation Ch 14: Cyber Safety	Examples And Practice Programs In Lab
Painting	Ch,5 Art of Indus Valley Civilization Ch.7 Art during Maurayan, Shung, Kushan, Gupt and Gandhra school of Art	Practice for Practical



SEPTEMBER

"EAT HEALTHY,THINK HEALTHY"

	SCHOLASTIC	CO-SCHOLASTIC
English	Poem 4: Childhood Writing Skills: Integrated Grammar Practice Exercise	Practice Exercises
Physics	HALF YEARLY EXAMINATION - Syllabus covered by the month of August Ch7- Gravitation	Revision
Chemistry	Ch-6 Chemical equilibrium (To be covered after HY Exams) HALF YEARLY EXAMINATION Syllabus covered by the month of August	Detection of -Nitrogen, Sulphur, Chlorine in organic compounds.
Biology	HALF YEARLY EXAMINATION - Syllabus covered by the month of August Ch-11: Photosynthesis in Higher Plants	Separation of Plant pigments through paper Chromatography
Physical Education	UNIT - VII FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY IN SPORTS HALF YEARLY EXAMINATION - Syllabus covered by the month of August	Subject Enrichment:- Identify the importance of Anatomy and physiology
Computer Science	HALF YEARLY EXAMINATION - Syllabus covered by the month of August	Practice Programs In Lab
Painting	HALF YEARLY EXAMINATION - Syllabus covered by the month of August Revision	Revision

OCTOBER
"SWEETS TO SWEETEN SUCCESS"

	SCHOLASTIC	CO-SCHOLASTIC
English	Hornbill: Ch.5 The Adventure Snapshots: Ch.5 Birth Poem 5 : Father to son Writing Skills: Note Making & Summary	Extempore
Physics	Ch-8 Mechanical properties of solid Ch9- Mechanical properties of fluids Ch10- Thermal properties of matter	To find the downward force, along an inclined plane, acting on a roller due to gravitational pull of the earth and study its relationship with the angle of inclination θ by plotting graph between force and Sinθ
Chemistry	Ch – 7 Redox Reactions Ch – 8 Organic Chemistry: Some basic principles and techniques	Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of Oxalic acid.
Biology	Ch-12: Respiration in Plants Ch-13: Plant Growth and Development Ch-14: Breathing and Exchange of Gases	1. Parts of a compound microscope. 2. Specimens/slides/models
Physical Education	UNIT - VIII FUNDAMENTALS OF KINESIOLOGY AND BIOMECHANICS IN SPORTS UNIT – IX PSYCHOLOGY AND SPORT	Subject Enrichment:- Discuss the biomechanical principles and their utilization in sports and physical education.
Computer Science	CH 11:LIST MANIPULATION	Examples And Practice Programs In Lab
Painting	Ch. 8 Ajanta Caves Ch. 9 Indian Temple Sculpture Ch. 10 Indian Bronze Sculpture	Practice for Practical

NOVEMBER
"BE ODD TO BE NO.1"

	SCHOLASTIC	CO-SCHOLASTIC
English	Hornbill: Ch.6 Silk Road Snapshots: Ch.6The Tale of Melon city	Writing Skills and integrated Grammar Exercises
Physics	Ch11- Thermodynamics Ch12- Kinetic theory	To observe the decrease in pressure with increase in velocity of a fluid.
Chemistry	Ch – 8 Organic Chemistry: Some basic principles and techniques (Contd)	Determination of strength of a given solution of hydrochloric acid by titrating it against standard Sodium Carbonate solution.
Biology	Ch-15: Body Fluids and Circulation Ch-16: Excretory Products and Their Elimination Ch-17: Locomotion and Movement Ch-18: Neural Control and Coordination	4. Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides. 5. Different types of inflorescence (cymose and racemose).
Physical Education	UNIT - X TRAINING & DOPING IN SPORTS	Subject Enrichment:- Identify the role of psychology in physical education and sports.
Computer Science	Ch 12:Tuples Ch15:Society, Law & Ethics	Examples And Practice Programs In Lab
Painting	Ch. 11 Artistic Aspects of the Indo-Islamic Architecture Revision and Assignment	Practice for Practical





DECEMBER
"THE SPIRIT OF GRATITUDE"

	SCHOLASTIC	CO-SCHOLASTIC
English	PT II - Syllabus covered after Half Yearly Examination REVISION	Revision
Physics	PT II - Syllabus covered after Half Yearly Examination Ch13- Oscillation Ch14- waves	Practice for Practical.
Chemistry	PT II - Syllabus covered after Half Yearly Examination Ch – 9 Hydrocarbons	Determination of one anion and one cation in a given salt.
Biology	PT II - Syllabus covered after Half Yearly Examination Ch-19: Chemical Control and Integration Ch-9: Biomolecules	6. Human skeleton and different types of joints with the help of virtual images/models only
Physical Education	PT II - Syllabus covered after Half Yearly Examination	Subject Enrichment:- Differentiate between the skill, technique, tactics and strategies in sports training
Computer Science	PT II - Syllabus covered after Half Yearly Examination Ch 13:Dictionaries	EXAMPLES AND PRACTICE PROGRAMS IN LAB
Painting	PT II - Syllabus covered after Half Yearly Examination Revision and Assignment	Revision

