

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026-'27

CLASS: X

SUB: ENGLISH

NAME OF THE TEACHERS: SOUMYABRATA CHAKRABORTY & JAYASHREE PALMAL

SL NO	CHAPTER NO.	CHAPTER NAME	TOPIC	SUBTOPIC	NAME OF EXAMINATION	DIGITAL RESOURCES
1	1	FIRST FLIGHT LETTER TO GOD, DUST OF SNOW, FIRE AND ICE, FOOTPRINTS WITHOUT FEET, TRIUMPH OF SURGERY	EXPLORING THEMES OF FAITH, LOVE AND COMPASSION, NATURE'S ABILITY TO UPLIFT HUMAN SPIRIT, EXPLORING THE DESTRUCTIVE POWER OF HUMAN DESIRES, BLIND LOVE FOR THE PERSON WE CHERISH MOST	INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR	PD1+MID TERM+PRE BOARD	https://youtu.be/JhqV9jIVVYq?si=nELmv8Q09G2TpUQZ https://youtu.be/yQopRuqLuQk?si=MurEZh0slwDnSAff https://youtu.be/7PZzUtyNo5M?si=RiOu3tI5SQWdGTXx https://youtu.be/AFThbKXZGWE?si=kKLdogF1MBnlmf2 <u>2</u>

2	2	<p><u>FIRSTFLIGHT</u> NE LSON MANDELA: LONGWALK TOFREEDOM, ATIGERIN THEZOO</p> <p><u>FOOTPRINTS</u> WI THOUTFEET THETHIEF'S STORY</p>	<p>UNDERSTANDING RACISM, UNDERSTANDING ANIMALBEHAVIOUR,</p> <p>EXPLORINGTHEMES OF TRUST, TRANSFORMATION ANDREDEMPTION</p>	<p>INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR</p>	<p>PD1+MID TERM+PRE BOARD</p>	<p>https://youtu.be/DQ2IoCpfJ = https://youtu.be/0LSutTDyO https://youtu.be/Lb8PpoYnj https://youtu.be/0LSutTDyO https://youtu.be/Lb8PpoYnj https://youtu.be/0LSutTDyO https://youtu.be/Lb8PpoYnj</p>
3	3	<p><u>FIRSTFLIGHT</u> TWO STORIES ABOUT</p>	<p>OVERCOMINGFEAR ANDIMPORTANCE OFTAKINGRISKS,</p>	<p>INSIDE QUESTIONS, VOCABULARY,</p>	<p>PD1+MID TERM+PRE BOARD</p>	<p>https://youtu.be/UvgVkJXvm https://youtu.be/UvgVkJXvm https://youtu.be/UvgVkJXvm https://youtu.be/UvgVkJXvm</p>
		<p>FLYING-1.HIS FIRSTFLIGHT 2. BLACK AEROPLANE, HOWTOTELL WILD ANIMALS, THEBALL POEM <u>FOOTPRINTS</u></p>	<p>CONCEPTSOFFEAR, ISOLATIONANDTHE STRUGGLEAGAINST ADVERSITY, HUMOROUS METHODSOF IDENTIFYINGWILD ANIMALS, LEARNINGTO COPINGWITHLOSS, THEMEOF APPEARANCE VERSUSREALITY</p>	<p>TEXTUAL GRAMMAR</p>		<p>https://youtu.be/613i3XJS https://youtu.be/613i3XJS https://youtu.be/613i3XJS https://youtu.be/613i3XJS https://youtu.be/SCQrUG https://youtu.be/SCQrUG https://youtu.be/SCQrUG https://youtu.be/SCQrUG</p>

		<p><u>WITHOUTFEET</u></p> <p>THEMIDNIGHT VISITOR</p>				<p>https://youtu.be/Jy8kfFjUyE?si=Ddp8TaeGNtQ6uRSM</p>
4	4	<p><u>FIRSTFLIGHTFR</u> OMTHE DIARYOF ANNEFRANK, AMANDA</p> <p><u>FOOTPRINTSWI</u> <u>THOUTFEETA</u> QUESTION OFTRUST</p>	<p>OVERCOMINGINNER CONFLICT, IMPORTANCEOF UNDERSTANDINGA CHILD'S PERSPECTIVE THEFRAGILITYAND CONSEQUENCESOF TRUST</p>	<p>INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR</p>	<p>PD2+MID TERM+PRE BOARD</p>	<p>https://youtu.be/xw6XmDRoLNw?si=DxJoufpsS-Mi9yH</p> <p>https://youtu.be/5bQn_eXz-Mo?si=AYKNd6NifrzYB8S5</p> <p>https://youtu.be/xHF7NtBfyE?si=4wnj4Qb4u4c5uTQ9</p>

5	7	<u>FIRST FLIGHT</u> GLIMPSES OF INDIA- A BAKER FROM GOA, COORG, TEA FROM ASSAM, THE TREES	EXPLORING THE RICH CULTURAL DIVERSITY OF INDIA, EXPLORE THE CONFLICT BETWEEN HUMAN AND NATURE, MISUSING SCIENTIFIC DISCOVERY AND CORRUPTING	INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR	PD2+MID TERM+PRE BOARD	https://youtu.be/9nfZ_g4V_VPM?si=vAp47kKI-MU2cI-nA https://youtu.be/geKUQP37LOI?si=FPXHEX-pgV61q2iZ
		<u>FOOTPRINTS</u> WITHOUT FEET PRINTS WITHOUT FEET	INFLUENCE OF POWER			https://youtu.be/IOjDnZp_YZw?si=pYyN2LyJM_FJSKis

6	8	<p><u>FIRST FLIGHT</u> MIJ BIL THE OTTER, FOG</p> <p><u>FOOTPRINTS WITHOUT FEET</u> THE MAKING OF A SCIENTIST</p>	<p>UNDERSTANDING THE BOND BETWEEN HUMANS AND ANIMALS, EXPLORING THE TRANSIENT NATURE OF LIFE, THE JOURNEY OF A CURIOUS CHILD</p>	<p>INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR</p>	<p>PD3+PRE BOARD</p>	<p>https://youtu.be/dhJYOmc3GgM?si=PeXmXmq4oaCVm2Io</p> <p>https://youtu.be/KTzfyJ1Mvgg?si=eCI_DX Yvps692Rg5</p> <p>https://youtu.be/olp3aNE5PcM?si=QQZDNbxWwlDQsGu p</p>
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7	9	<p><u>FIRST FLIGHT</u> MA DAMRIDES THE BUS, THE TALE OF CUSTARD THE DRAGON</p> <p><u>FOOTPRINTS</u> WI THOUT FEET THE NECKLACE</p>	<p>EXPLORING THE THEMES OF CURIOSITY AND INDEPENDENCE, EXPLORING THE THEME OF BRAVERY AND TRUE NATURE OF COURAGE, EXPLORING THE DESTRUCTIVE NATURE OF GREED AND VANITY</p>	<p>INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR</p>	<p>PREBOARD</p>	<p>https://youtu.be/CaLH49uNIY?si=86LdCgrJOWJ_FNL_S</p> <p>https://youtu.be/HIuzv2ZkJc?si=GkFCkzwa2q7QcEWD</p>
8	10	<p><u>FIRST FLIGHT</u> THE SERMON AT BENARES, FOR ANNE GREGORY</p>	<p>LEARNING THE TEACHINGS OF BUDDHA,</p>	<p>INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR</p>	<p>PREBOARD</p>	<p>https://youtu.be/z0IFs1Ttwek?si=3vVPdlt9-JFXzwUP</p> <p>https://youtu.be/kIabJ9aTOj0?si=Z_joQ5wV8BW0h7mx</p>

		<u>FOOTPRINTS WITHOUT FEET</u> BHOLI, THE BOOK THAT SAVED THE EARTH	UNDERSTANDING THE FLEETING NATURE OF BEAUTY, UNDERSTANDING THE TRANSFORMATIVE POWER OF EDUCATION, EXPLORING THE DANGERS OF MISUNDERSTANDING AND PREJUDICE			https://youtu.be/dm73N7sBVXA?si=m21X98q7QA BpKdOB https://youtu.be/PAsuk9EJKQo?si=r1GIzNihgfQNQ5sW
9	11.	<u>FIRST FLIGHT</u> THE PROPOSAL (PLAY)	EXPLORING THE ABSURDITIES OF HUMAN RELATIONSHIP		PREBOARD	https://youtu.be/UY2dnmIDaww?si=INYZo-oUIQuhw sjX
			GRAMMAR SECTION			

10		DETERMINERS, TENSES, MODALS, SUBJECT- VERB CONCORD, REPORTED SPEECH- COMMANDS AND REQUESTS, STATEMENTS AND QUESTIONS	UNDERSTANDING ANDAPPLICATION OFTHEGIVEN CHAPTERS	IN-DEPTH KNOWLEDGE OFTHEGIVEN CHAPTERS		PD1+MID TERM+PD2+ PREBOARD
			WRITINGSECTION			
11		FORMAL LETTERS, ANALYTICAL PARAGRAPH	UNDERSTANDING ANDAPPLICATION OFTHEGIVEN CHAPTERS	IN-DEPTH KNOWLEDGE OFTHEGIVEN CHAPTERS		PD1+PD2+ MID TERM+PRE BOARD

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS STRUCTURE

for

STD. X | SESSION: 2026-27 | SUBJECT: SCIENCE | TEACHERS: SL, SK, SMU

SL	CHAPTER NAME	TOPIC	SUBTOPIC	EXAM	DIGITAL RESOURCES
1	Chemical reactions and equations (CHEM)	<ul style="list-style-type: none"> Introduction Chemical equations Types of chemical reactions Effects of oxidation reaction in everyday life 	<ul style="list-style-type: none"> Writing chemical equations and balancing Exothermic, endothermic, decomposition, double displacement reaction Oxidation and reduction reaction Corrosion, rancidity 	PD-I + MT + PB + AT	https://youtu.be/gQ-X9wV8TXQ?si=7vWs5uGcBmWUk6sL
2	Acids, bases and salts (CHEM)	<ul style="list-style-type: none"> Introduction Chemical properties of acids and bases Common properties between acids and bases Strength of acids and bases pH and its importance More on salts 	<ul style="list-style-type: none"> Reaction of metals with acids and bases Reaction of metal carbonates and metal hydrogen carbonates Acid-base neutralization reaction Reaction of metallic and non-metallic oxides with acids Acids and bases in water solution What is pH and how it is important in everyday life Consequences of pH Family of salts and pH of salts Chemicals from salts Crystals of salts 	PD-II + MT + PB + AT	https://youtu.be/Kl4mieov_uQ?si=-d6IGKYihzlr9yND
3	Metals and non-	<ul style="list-style-type: none"> Introduction to 	<ul style="list-style-type: none"> Reaction of metals with: 	MT + PB + AT	https://y

	<p>metals</p> <p>(CHEM)</p>	<p>metals and non-metals</p> <ul style="list-style-type: none"> • Physical properties metals • Chemical properties of metals • Reaction between metals and non-metals • Occurrence of metals • Corrosion 	<p>air, water, acids, other metal solutions</p> <ul style="list-style-type: none"> ✚ Reactivity series ✚ Properties of ionic compounds ✚ Extraction of metals ✚ Enrichment of ores ✚ Extraction of metals based on their position in the reactivity series ✚ Metal refining ✚ Understanding of corrosion and prevention 		<p>outu.be/YVIBFWi-AWY?si=94vflDu pu8tzgAG</p>
4	<p>Carbon and its compounds</p> <p>(CHEM)</p>	<ul style="list-style-type: none"> • Introduction to carbon and its compounds • Bonding in carbon - covalent bonding • Versatile nature of carbon • Chemical properties of carbon compounds • Certain important carbon compounds • Soaps and detergents 	<ul style="list-style-type: none"> ✚ Allotropes of carbon ✚ Saturated and unsaturated carbon compounds ✚ Chains, branches and rings ✚ Homologous series ✚ Nomenclature ✚ Chemical properties: combustion, oxidation, addition reaction, substitution reaction ✚ Ethanol and Ethanoic acid and its properties ✚ Micelles 	<p>PB + AT</p>	<p>https://youtu.be/7pGHWkSRFU4?si=iST1qY5JlZ7hAz3Z</p>
5	<p>Life process</p> <p>(BIO)</p>	<ul style="list-style-type: none"> • What are the life processes • Nutrition • ATP • Transportation • Excretion 	<ul style="list-style-type: none"> ✚ Brief introduction on the various processes within a living being ✚ Autotrophic nutrition ✚ Heterotrophic nutrition ✚ Method of obtaining nutrition in organisms and human beings ✚ Detailed discussion on life processes (both human beings and plants): respiration, 	<p>PD-I+ MT + PB + AT</p>	<p>https://youtu.be/2anxqjOTUgQ?si=jJHyPYR9u3FLQz8T</p>

			<p>transportation and excretion</p> <ul style="list-style-type: none"> ✚ Artificial kidney (Hemodialysis) 		
6	<p>Control and coordination</p> <p>(BIO)</p>	<ul style="list-style-type: none"> ● Introduction ● Nervous system in animals ● Coordination in plants ● Hormones in animals 	<ul style="list-style-type: none"> ✚ Discussion on nervous system of Human beings ✚ Reflex action ✚ Human brain – detailed discussion on various parts ✚ Nervous tissues and how are these protected ✚ Response to stimuli in plants ✚ Movement in plants due to growth ✚ Hormones and the glands responsible for secretion 	<p>PD-II + MT + PB + AT</p>	<p>https://youtu.be/2SvKmS99xhM?si=Gpk8HfLlcZVXG</p>
7	<p>How do organisms reproduce</p> <p>(BIO)</p>	<ul style="list-style-type: none"> ● Introduction on the nature of reproduction ● Modes of reproduction used by various organisms ● Sexual reproduction 	<ul style="list-style-type: none"> ✚ Introductory idea on reproduction ✚ Reproduction based on the variation produced in the offspring ✚ Modes of reproduction used by single organisms: fission, regeneration, budding, vegetative propagation, spore formation ✚ Necessity of sexual mode of reproduction ✚ Sexual reproduction in plants – flowering ✚ Sexual reproduction in Human Beings ✚ Male and Female reproductive system ✚ Egg fertilization and what happens when it is not fertilized 	<p>PD-II + MT + PB</p>	<p>https://youtu.be/RxXsUj8pwaA?si=TN_mVjxQVkg9js_08</p>

8	<p style="text-align: center;">Heredity and evolution (BIO)</p>	<ul style="list-style-type: none"> ● Introduction ● Accumulation of variation in reproduction ● Heredity ● Evolution ● Speciation ● Evolution and its classification ● Difference between evolution and progress 	<ul style="list-style-type: none"> ✚ Reproductive health ✚ Inherited traits ✚ Mendel's distribution – Governing rules of inheritance of traits ✚ Expression of traits ✚ Sex determination ✚ Introductory map of evolution ✚ Acquired and inherited traits ✚ A brief discussion on speciation ✚ Evolutionary relationship and tracing ✚ Fossils ✚ Evolutionary stages ✚ Human evolution 	<p style="text-align: center;">PB + AT</p>	<p style="text-align: center;">https://youtu.be/NnA-xilQ9fo?si=mo963VDDnM9Px7yH</p>
9	<p style="text-align: center;">Light-reflection and refraction (PHY)</p>	<ul style="list-style-type: none"> ● Introduction to the ray properties of light ● Reflection of light ● Instruments of reflection – Mirrors ● Various types of mirrors – Spherical and plane and their properties ● Mirror formula (without derivation) ● Numerical problems ● Image formation by spherical and plane mirrors ● Real life use cases of mirrors ● Refraction of Light ● Instruments of refraction – Lenses ● Lens formula 	<ul style="list-style-type: none"> ✚ A brief discussion on the nature of light (with specific focus on the ray properties) ✚ Plane mirror ✚ Spherical mirror – Concave and Convex ✚ Nature of the spherical mirrors and different image formation when object is placed at different positions by geometrical diagrams (ray diagrams) ✚ Sign convention ✚ Mirror formula and magnification ✚ Refraction through rectangular glass slab ✚ Refractive index ✚ Refraction through spherical lenses and 	<p style="text-align: center;">PD-I+ MT + PB + AT</p>	<p style="text-align: center;">https://youtu.be/Q0yFn5WQal?si=uuDEZDzMBvOTPDN</p>

		<p>(without derivation)</p> <ul style="list-style-type: none"> Numerical problems 	<p>image formation when object is placed at various positions</p> <ul style="list-style-type: none"> Lens formula and magnification Power of lens and its Units Numerical problems for reflection and refraction of light 		
10	<p>The human eye and the colorful world</p> <p>(PHY)</p>	<ul style="list-style-type: none"> The human eye Defects of vision and their correction Refraction of light through a PRISM Dispersion of light Atmospheric refraction Scattering of light 	<ul style="list-style-type: none"> Accommodation power of human eye Defects of vision: Myopia, Hypermetropia, Presbyopia Ray diagram of light path through a PRISM Splitting of white light into constituents – Dispersion Atmospheric refraction: Twinkling stars, Advance sunrise and delayed sunset Tyndall effect Color of the clear blue sky, color of the sun at sunrise and sunset 	<p>PD-I + PB + AT</p>	<p>https://youtu.be/VWNxgkOr55Y?si=ZWshlbyG-AuPT5F</p>
11	<p>Electricity</p> <p>(PHY)</p>	<ul style="list-style-type: none"> Introduction Electric current Electric potential and potential difference Units Circuit diagram and its components OHM's Law Resistance of a conductor Numerical Problems Resistance of a system of resistors 	<ul style="list-style-type: none"> Origin of electric current Potential and work done; Potential difference Circuit diagrams (with numerical problems) OHM's Law – mathematical expression and graphical representation Numerical problems How length and area affect the resistance Numerical problems 	<p>PD-II + MT + PB + AT</p>	<p>https://youtu.be/EJcnBvG9IcY?si=qdF8lqw8TtGkTf0</p>

		<ul style="list-style-type: none"> • Heating effect of Electric current • Practical applications of heating effect of resistors • Electric power • 	<ul style="list-style-type: none"> ✚ Resistor in series and in parallel ✚ Derivation for heating effect of electric current ✚ Electrical appliances that use heating effect for advantage ✚ Define electric power (with mathematical expression) ✚ Numerical problems 		
12	<p style="text-align: center;">Magnetic effects of electric current (PHY)</p>	<ul style="list-style-type: none"> • Introduction • Magnetic field and field lines • Magnetic field due to a current carrying wire • Force on a current carrying conductor in a magnetic field • Electric motor • Electromagnetic induction • Electric generator • Domestic electric circuits 	<ul style="list-style-type: none"> ✚ Dersted's experiment ✚ Shape of magnetic field lines due to current carrying conductors – loops and straight wire ✚ Magnetic field due to solenoids ✚ Determination of the direction of force on a conductor – Fleming's left-hand rule ✚ Electric motor and its components ✚ Electromagnetic induction and induced current ✚ Principle of electric generator ✚ Domestic circuitry and safety components 	<p style="text-align: center;">PD-II + MT + PB + AT</p>	<p style="text-align: center;">https://youtu.be/YGBsKJOLYs?si=KlPk-FnxCKekqrGl</p>
13	<p style="text-align: center;">Our environment (BIO)</p>	<ul style="list-style-type: none"> • Introduction • Eco-system and its components • Effect of human activities on our environment 	<ul style="list-style-type: none"> ✚ Food Chains and Webs ✚ Ozone layer and its cause of depletion ✚ Garbage management ✚ Disposal techniques that are eco-friendly 	<p style="text-align: center;">PD-II + PB + MT</p>	<p style="text-align: center;">https://youtu.be/DS69CcCrvfQ?si=luNibcGoZstFVgX</p>

NO. OF CHAPTERS: BID (SEC-A) -5

CHEM (SEC-B) -4 PHY (SEC-C) - 4

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026-27

CLASS: X

SUB: MATHEMATICS

NAME OF THE TEACHER: SANTANU DAS

CHAPTER NO.	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCES
1	REAL NUMBERS	<ul style="list-style-type: none"> Introduction The Fundamental Theorem of Arithmetic Revisiting Irrational Numbers 	<ul style="list-style-type: none"> Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples Proofs of irrationality of $\sqrt{2}, \sqrt{3}, \sqrt{5}$ 	PD-I + MT + PB	https://youtu.be/UIDTU9iMQg?si=DLludH2RkiGV9rrrD https://youtu.be/p8Wr66x2FR4?si=o7eJLL3Cwj5Z4Zp
2	POLYNOMIALS	<ul style="list-style-type: none"> Introduction Geometrical Meaning of the Zeroes of a Polynomial Relationship between Zeroes and Coefficients of a Polynomial 	<ul style="list-style-type: none"> Zeros of a polynomial Relationship between zeros and coefficients of quadratic polynomials 	PD-I + MT + PB	https://youtu.be/MAAKTqntvZE?si=tlb-kksmltplwrgB https://youtu.be/u7GJQjYa3Zw?si=3kvnHQaGfHCR4wJj
3	PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	<ul style="list-style-type: none"> Introduction Graphical Method of Solution of a Pair of Linear Equations Algebraic Methods of Solving a Pair of Linear Equations Substitution Method 	<ul style="list-style-type: none"> Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems. 	PD-I + MT + PB	https://www.youtube.com/live/p_yr53bhesU?si=EE4jcMc_w8PjvLkX

		Elimination Method			
4	QUADRATIC EQUATION	<ul style="list-style-type: none"> • Introduction • Quadratic Equations • Solution of a Quadratic Equation by Factorisation • Nature of Roots 	<ul style="list-style-type: none"> • Standard form of a quadratic equation $ax^2 + bx + c = 0$, ($a \neq 0$). • Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots. • Situational problems based on quadratic equations related to day-to-day activities to be incorporated 	PD-I + MT + PB	https://www.youtube.com/live/kmfDomyQqWg?si=5ewMFgRWj4UHnHX
5	ARITHMETIC PROGRESSION	<ul style="list-style-type: none"> • Introduction • Arithmetic Progressions • nth Term of an AP <p>Sum of First n Terms of an AP</p>	<ul style="list-style-type: none"> • Motivation for studying Arithmetic Progression • Derivation of the nth term and sum of the first n terms of AP and their application in solving daily life problems. 	PD-II + MT + PB	https://youtu.be/t3sgDuLVtm4?si=hKxawBDzm4vJyyNB
6	TRIANGLES	<ul style="list-style-type: none"> • Introduction • Similar Figures • Similarity of Triangles • Criteria for Similarity of Triangles 	<ul style="list-style-type: none"> • Definitions, examples, counter examples of similar triangles. • (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio. <ul style="list-style-type: none"> • State (without proof) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side. • State (without proof) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar. 	PD-II + MT + PB	https://www.youtube.com/live/jB_TrpVvrnk?si=VdvVrUXjvi5CQEiF
7	COORDINATE GEOMETRY	<ul style="list-style-type: none"> • Introduction • Distance Formula • Section Formula 	<ul style="list-style-type: none"> • Concepts of coordinate geometry. Distance formula. Section formula (internal division) 	PD-II + MT + PB	https://youtu.be/TXDyGK_GdNM?si=fX5kuoZ8Hsqal7g

8	INTRODUCTION TO TRIGONOMETRY	<ul style="list-style-type: none"> • Introduction • Trigonometric Ratios • Trigonometric Ratios Some Specific Angles • Trigonometric Identities 	<ul style="list-style-type: none"> • Trigonometric ratios of an acute angle of a right-angled triangle. <ul style="list-style-type: none"> • Proof of their existence (well defined) • Motivate the ratios whichever are defined at 0° and 90°. Values of the trigonometric ratios of 30°, 45° and 60°. • Relationships between the ratios. • Proof and applications of the identity $\sin^2 A + \cos^2 A = 1$. Only simple identities to be given. 	PD-II + MT + PB	https://youtu.be/wdaBwlv7Jso?si=EmUIQvoZPF64lpjF
9	SOME APPLICATIONS OF TRIGONOMETRY	Heights and Distances	<ul style="list-style-type: none"> • Simple problems on heights and distances. Problems should not involve more than two right triangles. <ul style="list-style-type: none"> • Angles of elevation / depression should be only 30°, 45°, and 60°. 	MT+ PB	https://www.youtube.com/live/kufAtLn2R18?si=F8liKmkcW5U-6fzY
10	CIRCLES	<ul style="list-style-type: none"> • Introduction • Tangent to a Circle • Number of Tangents from a Point on a Circle 	<ul style="list-style-type: none"> • Trigonometric ratios of an acute angle of a right-angled triangle. <ul style="list-style-type: none"> • Proof of their existence (well defined) • Motivate the ratios whichever are defined at 0° and 90°. Values of the trigonometric ratios of 30°, 45° and 60°. • Relationships between the ratios. 	PD-III + PB	https://youtu.be/dazX40Ct7J0?si=J6vT6DdxDmo8tmLU
11	AREAS RELATED TO CIRCLES	<ul style="list-style-type: none"> • Areas of Sector and Segment of a Circle 	<ul style="list-style-type: none"> • Area of sectors and segments of a circle. • Problems based on areas and perimeter / circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle 	PD-III + PB	https://www.youtube.com/live/_zHNkNxQErM?si=Gw2eld90oB8nRQKJ

			of 60°, 90° and 120° only.		
12	SURFACE AREA AND VOLUMES	<ul style="list-style-type: none"> • Introduction • Surface Area of a Combination of Solids • Volume of a Combination of Solids 	<ul style="list-style-type: none"> • Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones. 	PD-III + PB	https://www.youtube.com/live/P4bnYvV15Rk?si=YJehNpDFRcKd7_lw
13	STATISTICS	<ul style="list-style-type: none"> • Introduction • Mean of Grouped Data • Mode of Grouped Data • Median of Grouped Data 	Mean, median and mode of grouped data (bimodal situation to be avoided).	PD-III + PB	https://youtu.be/BPRMIJ8QCb8?si=5o_07Q9DDrZMiFky
14	PROBABILITY	Probability — A Theoretical Approach	Applies concepts from probability to solve problems on the likelihood of everyday events.	PD-III + PB	https://youtu.be/uIA7DvCJgIM?si=XwQQ4SNkFddw6EsT

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: X SUB: BENGALI NAME OF THE TEACHER: SP

SL NO	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXem	DIGITAL RESOURCE
1	জ্ঞানচক্ষু	গদ্য	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD – I + MID	https://youtu.be/KvNgGtH8

				TERM	tRI?si=6_pzluQKfL X 9U-
2	তিন পাহাড়ে র কোলে	পদ্য	রচনাধর্মী প্রশ্ন ব্যাখ্যা-ধর্মী প্রশ্ন	PD – I + MID TERM	https://youtu.be/mj4NH119NdQ?si=o6Um709IFt1Vj6KW
3	ক. ব্যঞ্জনস ন্ধি খ. কর্মধার য়সমাস গ. বোধ পরীক্ষণ	ব্যাকরণ ও নির্মিতি	ব্যঞ্জন সন্ধি কর্মধারয় সমাস	PD – I + MID TERM	https://youtu.be/2pZkTK8klWg?si=99_gY1ApCilH_MdN
4	পোস্ট মাস্টার	গল্পগু চ্ছ	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD – II+ MID TERM	https://youtu.be/m682-j8LQ3M?si=x_6l MM6f0vxr8le
5	আলো বাবু	গদ্য	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD – II+ MID TERM	https://youtu.be/u2Zp2Uhg v s?si=uhDRmAL5qfx5UYI2
6	আয় আরো বেঁধে বেঁধে	পদ্য	রচনাধর্মী প্রশ্ন ব্যাখ্যাধর্মী প্রশ্ন	PD – II+ MID TERM	https://youtu.be/UiuaQR5v4EY?si=4zVwQVh4cFCOzl4J

	থাকি				
7	<ul style="list-style-type: none"> • বিসর্গ সন্ধি • দ্বন্দ্ব সমাস • সরল যৌগিক বাক্য 	ব্যাকরণ	<ul style="list-style-type: none"> • সন্ধি করো অথবা সন্ধি বিচ্ছেদ করো • সমাস ব্যাসবাক্য সহ নির্ণয় করো • বাক্য গত পরিবর্তন • ইত্যাদি 	PD – II+ MID TERM	<ol style="list-style-type: none"> 1. https://youtube.com/playlist?list=PLOBfcwsd6t4jDO5Lch3b3P637qyC0IzdY&si=uGsTISFvUaZYxPz8 2. https://youtu.be/BUHIA8G6PaE?si=3euZ_JgmRjSv1ACR 3. https://youtu.be/r5GUMpUUBT4?si=M1UJ-1YogyYmw1oW 4. https://youtu.be/FhdmFlridHI?si=Q4dPoUbgZyTV5vNI

	<ul style="list-style-type: none"> • বো • ব্র 	নির্মিতি		MID TERM	
8	কাবুলিও য়ালা	গল্পগু চ্ছ	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	MID TERM	https://youtu.be/k6GJT_rKn3s?si=kZz0ALVLWKAJ3b2Q
9	বহুরূপী	গদ্য	নৈব্যক্তিক ও	PD -III	https://youtu.be/k6GJT_rKn3s?si=kZz0ALVLWKAJ3b2Q

			রচনাধর্মী প্রশ্ন		be/8cpHz2hm_uuc?si=w3eQdN5m0UeY8Knz
10	একাকারে	পদ্য	রচনাধর্মী প্রশ্ন ব্যখ্যাধর্মী প্রশ্ন	PD -III	https://youtu.be/5vvaW67wuhE?si=aScGODTviBmTqKC7
11	ক. অব্যয়ীভাব সমাস খ. বাক্য পরিবর্তন(সরল জটিল যৌগিক)	ব্যাকরণ ও নির্মিতি	ব্যাসবাক্য সহ সমাস নির্ণয় বাক্য গত পরিবর্তন	PD -III	https://youtu.be/q-dak8K30Ik?si=xHNqIU110i8FVkc
12	কাবুলিওয়াল	গল্পগুচ্ছ	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD -III	https://youtu.be/k6GJT_rKn3s?si=kZz0ALVLWKAJ3b2Q
13	অদল বদল	গদ্য	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD -III	https://youtu.be/xJxi-yEFef4?si=gMul7V7PEHEIKJHk

14	অস্ত্রের বিরুদ্ধে গান	পদ্য	রচনাধর্মী প্রশ্ন ব্যখ্যাধর্মী প্রশ্ন	PD -III	https://youtu.be/atpgk2NbmPg?si=g0RfRDlb--t5cAy
15	দান প্রতিদান	গল্পগুচ্ছ	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD -III	https://youtu.be/49tGdZauQM4?si=E4WQSYVo16kryhsX

NB:ALL CHAPTERS ARE IN PRE-BOARD

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: X

SUB: ARTIFICIAL INTELLIGENCE

NAME OF THE TEACHER: SUMANA MANDAL & SUVAS LOHAR

Employability Skills

CHAPTER NO.	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCE
1	Communication Skills - II	<ul style="list-style-type: none">• Introduction• Verbal communication<ul style="list-style-type: none">• Non-verbal communication• Visual communication• Communication cycle<ul style="list-style-type: none">• Importance of feedback• Barriers in effective communication• Principles of effective communication• 7C's of communication• Sentence and its kind<ul style="list-style-type: none">• Parts of sentence<ul style="list-style-type: none">• Parts of speech<ul style="list-style-type: none">• Articles• Phrase• Paragraph	<ul style="list-style-type: none">☐ Methods of Communication (Verbal, Non-verbal, Visual)☐ Communication Cycle☐ Barriers to Effective Communication☐ 7 Cs of Communication☐ Writing Skills (Paragraph, Email Writing)☐ Active Listening Skills☐ Feedback in Communication	PD-I + MT +PB	Class 10 Information Technology Subject Code 402 Full Chapter Videos Based on CBSE/NCE RT Curriculum - YouTube
2	Self - Management Skills - II	<ul style="list-style-type: none">• Introduction• Stress-management• Importance of stress-management<ul style="list-style-type: none">• Techniques of	<ul style="list-style-type: none">☐ Stress Management (Causes & Techniques)☐ Self-	PD-II + MT+PB	

		<p style="text-align: center;">manage-stress</p> <ul style="list-style-type: none"> • Working independently <ul style="list-style-type: none"> • Self-motivation • Self-regulation 	<p>Motivation</p> <ul style="list-style-type: none"> ☐ Goal Setting (SMART Goals) ☐ Time Management Techniques ☐ Personal Strength & Weakness Analysis ☐ Positive Attitude ☐ Self-Confidence Building 		
3	ICT	<ul style="list-style-type: none"> • Introduction • Function of operating system • Classification of operating system • Common operation system • Common terms in OS • Running an application <ul style="list-style-type: none"> • Components of interface screen <ul style="list-style-type: none"> • File system • File management • Care and maintenance <ul style="list-style-type: none"> • Virus protection • Removing temporary files • Disk defragmentation <ul style="list-style-type: none"> • Useful windows 	<ul style="list-style-type: none"> ☐ Basic Computer Operations ☐ Input & Output Devices ☐ Memory & Storage Devices ☐ Operating System Basics ☐ File Management ☐ Internet Basics ☐ Email & Online Safety 	PD-I + MT PB	

		<ul style="list-style-type: none"> shortcuts • Firewall • Cookies 	<ul style="list-style-type: none"> ☐ Digital Documentati on (Word Processing) ☐ Spreadsheet s & Presentation s 		
4	Entrepreneu rial Skills - II	<ul style="list-style-type: none"> • Introduction • Entrepreneurship and society • Qualities of an entrepreneur • Role of an entrepreneur • Function of an entrepreneur • Importance of entrepreneurs • Myths about entrepreneurship • Entrepreneurship career and development 	<ul style="list-style-type: none"> ☐ Basic Computer Operations ☐ Input & Output Devices ☐ Memory & Storage Devices ☐ Operating System Basics ☐ File Management ☐ Internet Basics ☐ Email & Online Safety ☐ Digital Documentati on (Word Processing) ☐ 	PD-II + MT+PB	

			Spreadsheets & Presentations		
5	Green Skills - II	<ul style="list-style-type: none"> • Introduction • Sustainable development • Pillar of sustainability • Importance of sustainable development • Issues of sustainable development and green economy <ul style="list-style-type: none"> • Sustainable development goals • Problem related to sustainable development 	<input type="checkbox"/> Sustainable Development <input type="checkbox"/> Sustainable Development Goals (SDGs) <input type="checkbox"/> Green Economy <input type="checkbox"/> Environmental Protection <input type="checkbox"/> Renewable & Non-renewable Resources <input type="checkbox"/> Waste Management <input type="checkbox"/> Climate Change Awareness	PD-III+PB	

SUBJECT SKILLS

CHAPTER NO.	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCE
6	AI frameworks	<ul style="list-style-type: none"> • Introduction • AI/Project cycle 	<input type="checkbox"/> Introduction to AI Project	PD-I + MT +PB	Class 10 Artificial

		<ul style="list-style-type: none"> • Domains of AI • Ethical/frameworks in AI • Bioethics 	<p>Cycle</p> <ul style="list-style-type: none"> • Problem Scoping • Data Acquisition • Data Exploration • Modelling • Evaluation <p>☐ Types of AI (Narrow AI, General AI)</p> <p>☐ AI Domains (Data, Computer Vision, NLP)</p>		Intelligence (New Session 2023-24) Complete CBSE Course All Topics Available - YouTube
7	Modeling in AI	<ul style="list-style-type: none"> • Introduction • Understand: AI, ML, DL <ul style="list-style-type: none"> • AI Models • Rule based approach • Learning based approach • Artificial neural networks • Working of ANN <ul style="list-style-type: none"> • Types of ANN • Applications of ANN 	<p>☐ What is a Model?</p> <p>☐ Types of Models (Rule-based & Learning-based)</p> <p>☐ Supervised Learning</p> <p>☐ Unsupervised Learning</p> <p>☐ Training & Testing Data</p>	PD-I + MT +PB	

			<input type="checkbox"/> Overfitting & Underfitting <input type="checkbox"/> Features & Labels	
8	Evaluating models	<ul style="list-style-type: none"> • Introduction • Importance of evaluation • Need of evaluation • Train-Test speed • Accuracy and Error • Evaluation matrix • Confusion matrix <ul style="list-style-type: none"> • Accuracy • Precision • Recall • F1 score • Ethics in evaluation 	<input type="checkbox"/> Accuracy <input type="checkbox"/> Confusion Matrix <input type="checkbox"/> Precision <input type="checkbox"/> Recall <input type="checkbox"/> F1 Score <input type="checkbox"/> Model Improvement Techniques	PD-II + MT+PB
9	Statistical data	<ul style="list-style-type: none"> • Introduction • Applications of data science • Statistical data • Statistical sampling • Types of statistics • Low code and no code • Orange data mining 	<input type="checkbox"/> Types of Data (Qualitative & Quantitative) <input type="checkbox"/> Mean, Median, Mode <input type="checkbox"/> Range <input type="checkbox"/> Data Visualization (Bar Graph, Pie Chart) <input type="checkbox"/> Data Cleaning <input type="checkbox"/>	PD-II + MT+PB

			Importance of Data in AI	
10	Computer Vision	<ul style="list-style-type: none"> • Introduction • Tasks of computer vision • Basics of images • RGB and grayscale images • Identifying image elements • CV using no code <ul style="list-style-type: none"> • Lobe.AI • Teachable machine • Orange Data mining <ul style="list-style-type: none"> • Convolution • Convolution neural network 	<ul style="list-style-type: none"> □ Introduction to Computer Vision □ Image as Data (Pixels) □ Face Detection □ Image Classification □ Applications of Computer Vision 	PD-III+PB
11	NLP	<ul style="list-style-type: none"> • Introduction • Human language vs computer language • NLP applications • Phases of NLP • Text normalization • Bags of words algorithm • TF-IDF algorithm • Document frequency • Inverse 	<ul style="list-style-type: none"> □ Introduction to NLP □ Text Data □ Chatbots □ Sentiment Analysis □ Speech Recognition □ Applications of NLP 	PD-III+PB

		<p>document frequency</p> <ul style="list-style-type: none"> • Code and NO Code in NLP • Code approach • No code approach 			
12	Basics in python	<ul style="list-style-type: none"> • Introduction • Features of python • Python in computer • Character set in python <ul style="list-style-type: none"> • Tokens • Variables • Data types • Evaluating data-type of variable <ul style="list-style-type: none"> • Type casting • Operators and operands • Python and AI • Jupyter Notebook 	<ul style="list-style-type: none"> ☐ Features of Python ☐ Variables ☐ Data Types ☐ Input & Output ☐ Functions ☐ Operators ☐ Conditional Statements (if, if-else) ☐ Loops (for, while 	PD-I + PD-II+PB	Class 10 Artificial Intelligence Full Chapter Videos Based on CBSE/NCE RT Curriculum - YouTube
13	Coding in python	<ul style="list-style-type: none"> • Introduction • User Input • Decision making <ul style="list-style-type: none"> • Looping • Nested loops • Python lists • Sample program for list <ul style="list-style-type: none"> • Python tuples • Python packages <ul style="list-style-type: none"> • Numpy 	<ul style="list-style-type: none"> ☐ Lists ☐ Strings ☐ Functions ☐ Basic Programs ☐ Error Identification ☐ Output-based Questions 	MT + PD-III+PB	

		<ul style="list-style-type: none">• Pandas• Open-CV• NLTK• Code and Learn	<input type="checkbox"/> Simple AI-related Programs		
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SNPS SYLLABUS SESSION 2026-27

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: X SUB:Hindi NAME OF THE TEACHER: miss Bitto Kaur

SL NO	CHAPTER NO.	CHAPTER NAME	TOPIC	SUB TOPIC	Digital resources	NAME OF EXAMINATION
1	1.	सूरदास के पद	विश्लेषण आत्मक मूल्यपरक बौद्धिक प्रश्न, संदर्भ सहित व्याख्या	लघु उत्तरीय प्रश्न, मूल्यपरखप्रश्न , उच्च स्तरीय बौद्धिक प्रश्नों का ज्ञानबोध, ससंदर्भ व्याख्या	https://youtu.be/Z0tUFX4PeIo?si=8wXgOu3dTEPH5Yqn	PD 1 + Term 1
2	10.	नेताजी का चश्मा	लघु उत्तरीय मूल्य परखप्र श्न, उच्च	पाठ का विश्लेषण, मूल्य परख प्रश्न, आलोचनात्मक चिंतन, मूल्य	https://youtu.be/v4SF8A720vQ?si=cn3-2Z7pLVibV0q2	PD PD 1 + Term 1

			स्तरीय बौद्धि क प्रश्नों का ज्ञान बोध	परख एवं उच्च स्तरीय बौद्धिक प्रश्नों का बोध , क्रियात्मक गतिविधि।		
3		वाक्य भेद	रचना के आधार पर वाक्य भेद	रचना के आधार पर वाक्य भेद उच्च स्तरीय चिंतन	https://youtu.be/mtdvGUSfI9M?si=54Fqz96eZJc5AeT0	Pd1 + term 1
4	5.	पद परिचय	पद परिचय विभि न्न व्याकर ण भेदों के आधार पर पद का परिचय	पदों की पहचान	https://youtu.be/ylnvh-lxIf0?si=dPZQ8YzRnXehgZLW	PD 1 + term 1

			देना			
5	3.	राम लक्ष्मण परशुराम संवाद	पद	अर्थ ग्रहण , मूल्य परख एवं उच्च स्तरीय बौद्धिक प्रश्नों का ज्ञान , मूल्य परख प्रश्न , क्रियात्मक गतिविधि।	https://youtu.be/v0ItwlP85Q4?si=d0XKQImGQJaON2ZB	PD 2
6	1.	आत्मकथ्य	कविता	पाठकाभावसम झना , कठिन शब्दों का अर्थ बोध , मूल्य परक और उच्च स्तरीय बौद्धिक प्रश्नों का ज्ञान।	https://youtu.be/u3xTvssrc2o?si=3Dofn2g2Y20liKmi	PD 2
7.	3.	बालगोबिन भगत	क्षितिज	अर्थ ग्रहण , लिखित प्रश्न , विश्लेषणात्मक प्रश्न , गद्यांश को पढ़करमूल्य	https://youtu.be/jqGWy8EncDQ?si=mRvgzt_50apEU03I	PD2

				परख प्रश्न का उत्तर देना बौद्धिक कौशल प्रश्न , क्रियात्मक गतिविधि।		
8	6.	माता का आंचल	कृतिका	मूल्य परख प्रश्न, बौद्धिक कौशल	https://youtu.be/IzIUCMC_Erg?si=0UIsA1YfXsWtoCvA	TERM 1
9		अलंकार	अर्थालंकार : उपमा रूपक उत्प्रेक्षा अतिशयोक्ति मानवीकरण।	PD	https://youtu.be/uGcEppI1v10?si=o0jDi8CjqX75YJgI	PD2
10		अनुच्छेद लेखन	बौद्धिक विषयों में तर्कसंग	अभिव्यक्ति की क्षमता पर केंद्रितव्यवहारिकविषय		PD2

			त विचार प्रकट करने की क्षमता।			
11		उत्साह अट नहीं रही है	क्षितिज	अर्थ ग्रहण, प्रत्यास्मरण, बौद्धिक एवं विश्लेषणात्मक प्रश्न मूल्यपरक प्रश्न	https://youtu.be/Kq3NWbRa57Y?si=Bb0epuvzIIY42XG2	Term 1
12	6	लखनवी अंदाज	क्षितिज	बौद्धिक मूल्य परख रचनात्मक प्रश्न , विश्लेषणात्मक प्रश्न , व्याख्या।	https://youtu.be/sEWI6ptNivQ?si=MgXTsMKyWfYZpv3c	Term 1
13	11	पत्र लेखन	औपचारिक अनौपचारिक पत्र	औपचारिक अनौपचारिक पत्र अभिव्यक्ति की क्षमता पर केंद्रित औपचारिक		Term 1

				अथवा अनौपचारिक पत्र विषय		
14	12	यह दंतुरित मुस्कान फसल	कविता	प्रत्यास्मरण , मूल्यपरक एवं उच्च स्तरीय बौद्धिक प्रश्नों का ज्ञान , क्रियात्मक गतिविधि	https://youtu.be/MRN69FB0Qcw?si=Dtx8Eu8UmpGJrelh	PD 3 + term 2
15	11	एक कहानी यह भी	क्षितिज	मूल्य परक एवं उच्च स्तरीय बौद्धिक प्रश्नों का ज्ञान।	https://youtu.be/9jxbjOsRgZk?si=YRPS2aPrY0d0VpxI	PD 3 + Term 2
16	13	स्ववृत्त लेखन	रोजगार संबंधि त लेख	अभिव्यक्ति की क्षमता पर केंद्रित विषय		Pd3 + term 2
17	14	संगतकार	क्षितिज	अर्थ ग्रहण , भाषा अध्ययन, लिखित प्रश्नों का बोध , उच्च स्तरीय बौद्धिक प्रश्न।	https://youtu.be/LJqijGi0jIw?si=yk60dqZaDVmvBcFK	Pd3 + Term 2
18	15	नौबत	क्षितिज	भावार्थ	https://youtu.be/3yQ7dT	Term 2

		खाने में इबादत		समझाना , मूल्य परकउच्च स्तरीय बौद्धिक प्रश्न	JU7qA?si=NB Riz5g35BSsd QmW	
19		संस्कृति	क्षितिज ।	मूल्य परख उच्च स्तरीय बौद्धिक प्रश्न	https://youtu u.be/- LFTfYAx_7w? si=ITPutEMV pVr6L38Y	Term 2
20	16	मैं क्यों लिखता हूँ	कृतिका	मूल्य परख उच्च स्तरीय बौद्धिक प्रश्न	https://youtu u.be/I- AAbxzPiWI?s i=WKoA2Lse Pw3P0DHI	Term 2
21	15	विज्ञापन लेखन	बाजार वाद के संदर्भ में लेख	अभिव्यक्ति की क्षमता पर आधारित विषय		Term 2
22	17 18	संदेश लेखन	शुभका मना पर्व त्यौहार एवं विशेष अवसरों	अभिव्यक्ति की क्षमता पर आधारित विषय		Term 2

			पर दिया जाने वाला संदेश			
23		सानासाना हाथजोड़ी	क्षितिज	लिखितएवंबौ द्धिकस्तरीयआ धारितप्रश्न	https://youtu.be/znUwf7viBp0?si=9XtIb-atyMgEkMn6	Term 2

SNPS SYLLABUS SESSION 27

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: X

SUB: HPE

NAME OF THE TEACHER: SR,SN & SW

➤ Practical

SL No	Name of Asanas/Games/Marching	Skill Learning	Months
1	Asana <ul style="list-style-type: none">• Standing posture (any 3)• Sitting posture (any 3)• Laying posture (any 4)	Step by step Practice	April
2	Meditation + Pranayama	Practice	April
3	Suryanamaskar/Sun Salutation	12 steps practice	April
4	Indoor Game <ul style="list-style-type: none">• Chess• Ludo• Carrom	Individual Practice, Sports competition Related Practice	May+June
5	Kho-Kho	Chaser skill, Runner skill	July
6	Free Hand Exercise +Marching	Left turn, Right turn, Back turn, Kadamtal, Tej chal	July+ Aug
7	Specialization Games Football Badminton Volleyball Annual Sports Practice	All skill practice	Sept + Oct
8	<ul style="list-style-type: none">• Running• Free Hand Exercise• Marching• Annual Sports Practice	100m Sprint, 200m sprint,400m Sprint, Marching Related skill.	Nov
9	Annual Sports related Practice	Individual Practice, Sports event Related Practice	Nov+ Dec

10	<ul style="list-style-type: none">• Kho-Kho• Football• Cricket• Badminton• Volleyball	Match Practice	Jan+Feb+March
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SNPS SYLLABUS SESSION 2026-27

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: X

SUB: SOCIALSCIENCE

TEACHERS: SC & DM

SL NO	CHAPTERNO	CHAPTERNAME	TOPIC	SUBTOPIC	NAMEOF EXAMINATION	DIGITAL RESOURCE
1	1	THE RISE OF NATIONALISM IN EUROPE(HIS)	ALL THE TOPICS ARE INCLUDED	MAPPOINTING	PD1+MT+PB	https://www.youtube.com/live/JXeryAV8JNE?si=WpsvExEhJ9qLfbR5
2	2	NATIONALISM IN INDIA (HIS)	ALL THE TOPICS ARE INCLUDED	MAPPOINTING	PD2+MT+ PB	https://www.youtube.com/live/exByrWPeYvk?si=6lYzexsqF6qLEcw5
3	3	THE MAKING OF A GLOBAL WORLD(HIS)	1TO1.3PREMODERN WORLD TO CONQUEST, DIEASES AND TRADE (ONLY BE ASSESSED IN BOARD EXAMINATION)	INTERDISCIPLINARY PROJECT ON SUBTOPIC 2TO 4.4	PD-3+AT+ PB	https://youtu.be/QXHtptFKV8?si=k6WEbCdVfjwBl1eD
4	5	PRINT CULTURE AND MODERN WORLD(HIS)	ALL THE TOPICS ARE INCLUDED		MT+AT+ PB	https://youtu.be/UWBwLodPMwg?si=E5_Ya2v4Q1B0W-Rc
5	4	THE AGE OF INDUSTRIALIZATION(HIS)	ALL THE TOPICS ARE INCLUDED	MAPPOINTING	PD1+MT+ PB	https://youtu.be/9XWKDo5LElU?si=sJl8s2JmELNuFNqD
6	1	RESOURCES AND DEVELOPMENT (GEO)			PD1+MT+ PB	https://www.youtube.com/live/sUHHh9bcM74?si=DQeABilcWh5_17Db
7	2	FOREST AND WILD LIFE RESOURCE(GEO)			PD1+MT+ PB	https://www.youtube.com/live/GqLBGoMkEVA?si=IDV3Xr6ruWZzFHDx
8	3	WATER RESOURCE(GEO)			PD2+MT+ PB	https://www.youtube.com/live/xOyDX8nAc0?si=DsAgmrm

						Q1acXxVWg
9	4	AGRICULTURE(GEO)				PD3+AT+PB https://youtu.be/q0R-WDKp8N8?si=f-pFdLPtDWx1VMvU
10	5	MINERALS AND ENERGY RESOURCE(GEO)				MT+AT+PB https://youtu.be/zaiju4KFOPg?si=BbLXpOzEbnIFDsXH
11	6	MANUFACTURING INDUSTRIES(GEO)				AT+PB https://youtu.be/NTcr_rYHiSE?si=hT8giDrZBVtXmB7
12	7	LIFELINEOFNATIONAL ECONOMY(GEO)		ONLY FOR MAP POINTING INTERDISCIPLINARY PROJECT		https://youtu.be/x00zQNRziaE?si=FWsePMd6tt9j6p6s
13	1	POWER SHARING(CIV)	ALLTHETOPICSARE INCLUDED			PD1+MT+PB https://www.youtube.com/live/FngG6lgrNrK?si=kPIYxNdwGLyRegju
14	2	FEDERALISM(CIV)				PD2+MT+PB https://www.youtube.com/live/K5IK3zq5cAc?si=4E_240MjFvopP9Jgb
15	3	GENDER, RELIGION AND CASTE (CIV)				PD-3+AT+PB https://www.youtube.com/live/VGC5hMiR8j8?si=KVGuQFF79ArSug36
16	4	POLITICAL PARTIES(CIV)				MT+AT+PB https://youtu.be/rCNNEZFLwtM?si=mSgjA1M8HXWHX1Wo
17	5	OUTCOMES OF DEMOCRACY(CIV)				AT+PB https://youtu.be/JVBWKBYSvH4?si=8PCci00q7kNrgoRP
18	1	DEVELOPMENT(ECON)				PD1+MT https://www.youtube.com/live/mRf-YyeB56U?si=ztnyfel-T_7l4dKx
19	2	SECTORS OF INDIAN ECONOMY(ECON)	ALLTHETOPICSARE INCLUDED			PD2+MT https://www.youtube.com/live/y7QdyRP-

						jwQ?si=9I2uBjQj_edUFR4
20	3	MONEY AND CREDIT(ECON)			PD3+AT	https://youtu.be/V6LPuBEXCFE?si=kP5DhjrSiJuVXsH3
21	4	GLOBALIZATION AND THE INDIAN ECONOMY(ECON)	<ul style="list-style-type: none"> • WHAT IS GLOBALIZATION • FACTORS THAT HAVE ENABLED GLOBALIZATION • WORLD TRADE ORGANIZATION • CHINESE TOYS IN INDIA • PRODUCTION ACROSS THE COUNTRY • THE STRUGGLE FOR FAIR TRADE GLOBALIZATION 	INTERDISCIPLINARY PROJECT	AT	https://youtu.be/8kiUJ65f8iQ?si=ypF0nvpzoZqOhMdX
22	5	CONSUMER RIGHTS(ECON)	<ul style="list-style-type: none"> • ***** 	PROJECTWORK	*****	

SNPS SYLLABUS SESSION 2020

