ST. NICHOLAS PUBLICSCHOOL,GARHBETA

SYLLABUS FOR THE SESSION 2026-'27

CLASS: IX **SUB:ENGLISH**

NAME OF THE TEACHERS : SOUMYABRATA CHAKRABORTY & JAYASHREE PALMAL

SL NO	CHAPTER NO.	CHAPTER NAME	TOPIC	SUBTOPIC	NAMEOF EXAMINATION	DIGITAL RESOURCES
1	1	BEEHIVE THEFUNTHEY HAD, THEROAD NOTTAKEN MOMENTS THELOST CHILD	FUTURISTIC SCHOOLING, OVERCOMING DILEMMA, FAMILY RELATIONSHIP	INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR	PD1+MID TERM+ ANNUAL	https://youtu.be/0v-angTyOg4?si=Madck_np4X6XUMme https://youtu.be/0wk7s8lx3RU?si=R0NKNn0QLThnCSyA https://youtu.be/tGMrW7lD4zk?si=xTWJ-Nh61x3Rl-9i

2	2	BEEHIVETHESOUND OFMUSIC, WIND MOMENTSTHE ADVENTURES OFTOTO	OVERCOMING PHYSICAL DISABILITIES, EXPLORINGTHE TRADITIONOF MUSIC, PREPARATION TO FACE CHALLENGESIN LIFE, EMOTIONOFPET LOVERS	INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR	PD1+MID TERM+ ANNUAL	https://youtu.be/HaVBRKpi3Pk?si=kI_3CBfYPUMP2JX7 https://youtu.be/GE54tRKmrT8?si=B5G3_rFOT5REzhET https://www.youtube.com/live/NYuSnFqD_84?si=DUvV8qZNn3NGAFtj
3	3	BEEHIVETHELITTLE	UNDERSTANDING THEBOND	INSIDE QUESTIONS,	PD1+MID TERM+	https://youtu.be/MB2S-zLFuVM?si=aBKj5Gac4FqbiPrN https://youtu.be/6Ae50R2fNcQ?si=otWL-i3KnRmTe4M1
		GIRL, RAINONTHE ROOF MOMENTSISWARANTHE STORYTELLER	BETWEEN PARENTSAND CHILDREN, RECALLING CHILDHOOD MEMORIES, CAPTIVATING STORYTELLING	VOCABULARY, TEXTUAL GRAMMAR	ANNUAL	**https://youtu.be/edFAdN5hrwg?si=pzsrNRjWsdVeYAPN**

4	4	**BEEHIVE** ATRULY BEAUTIFUL MIND, THELAKEISLE OFINNISFREE **MOMENTS** INTHE KINGDOMOF FOOLS	EXPLORING SCIENTIFIC TEMPERAMENT, LONGINGFOR PEACEAND TRANQUILITY, IMPORTANCEOF WISDOM	INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR	MIDTERM+ ANNUAL	https://youtu.be/n3DRe7s42SQ?si=3bDtph3QuVjc4wNC https://youtu.be/RScY7zyXqvM?si=JOVmXLKfPHIwYMaX https://youtu.be/9kGepdm4nbY?si=Y04VleYAPSPZT_ww

5	5	BEEHIVET HESNAKE AND THE MIRROR, ALEGENDOF THE NORTHLAND MOMENTS THEHAPPY PRINCE	UNDERSTANDING THEOBSESSION OF SELFLOVE, UNDERSTANDING THE CONSEQUENCES OFGREED, IMPORTANCEOF BEINGHELPFUL	INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR	MIDTERM+ ANNUAL	https://youtu.be/F_TvNvzp-Nc?si=Mej9LygAKbbVr_e4 https://youtu.be/bQwhOa3ijoU?si=tJLgXzDfMPZWdvNO https://youtu.be/3kbh51MQEnE?si=wzllRgZHmsyftO3b
6	6	BEEHIVE MY CHILDHOOD, NOMENARE	EXPLORINGTHE AUTOBIOGRAPHY OFA.P.JABDUL KALAM,	INSIDE QUESTIONS, VOCABULARY, TEXTUAL	PD2+ ANNUAL	https://youtu.be/6C7Kcwe-F-8?si=VVy6p218XW

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		FOREIGN MOMENTST HELAST LEAF	**UNDERSTANDING UNIVERSAL BROTHERHOOD ANDFUTILITYOF WAR, IMPORTANCEOF BEINGHOPEFUL**	**GRAMMAR**		https://youtu.be/cPygjib3iz0?si=BA7pzsDJBbf4yuvg
7	**7**	**BEEHIVERE ACHFOR THETOP, ONKILLINGA TREE MOMENTS AHOUSEIS NOTAHOME**	**WOMEN EMPOWERMENT, PROTECTING NATURAL RESOURCES, EMOTIONAL SIGNIFICANCE OFHOME**	**INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR**	**PD2+ ANNUAL**	**https://youtu.be/vk1sTHZryIk?si=sM5cCZUCi4lWeMW1** **https://youtu.be/I_Or36vUIO0?si=s4zYawMTEm9WyjoZ** **https://youtu.be/mUVuWDcmn8s?si=Q4xvBw**

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8	8	BEEHIVEKATHMANDU, A SLUMBER DIDMYSPIRIT SEAL MOMENTSTHEBEGGAR	NAVIGATING DIVERSE ENVIRONMENTS ANDCULTURES, VIEWINGDEATH ASANATURAL TRANSITION, EXPERIENCING THEIMPACTOF KINDNESS	INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR	PD3+ANNUAL	https://youtu.be/r7u0HDQkTMU?si=DIlh5XuBtJnbVF_d https://youtu.be/OBx5ZEMOZ-U?si=s02WHauKWNwNeaIs https://youtu.be/Uvv1GK3e6_8?si=lxv3GuSXYirxmoRG
9	9	BEEHIVE IFIWEREYOU	USINGWITAND CLEVERNESSTO OVERCOME DANGEROUS SITUATIONS	INSIDE QUESTIONS, VOCABULARY, TEXTUAL GRAMMAR	ANNUAL	https://youtu.be/o5hyUY6y5lk?si=vNs6rQ1OELpJo

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			GRAMMAR SECTION			
10		DETERMINERS,	UNDERSTANDING	IN-DEPTH	PD1+MID	
		TENSES, MODALS, SUBJECT-VERB CONCORD, REPORTED SPEECH-COMMANDS AND REQUESTS, STATEMENTS AND QUESTIONS	AND APPLICATIONOF THEGIVEN CHAPTERS	KNOWLEDGE OFTHEGIVEN CHAPTERS		TERM+PD2+ PD3+ANNUAL
			WRITING SECTION			
11		FORMAL LETTERS, DESCRIPTIVE PARAGRAPH	UNDERSTANDING AND APPLICATIONOF THEGIVEN CHAPTERS	IN-DEPTH KNOWLEDGE OFTHEGIVEN CHAPTERS	6	PD1+MID TERM+ANNUAL
12		STORY WRITING, DIARYENTRY	UNDERSTANDING AND APPLICATIONOF THEGIVEN CHAPTERS	IN-DEPTH KNOWLEDGE OFTHEGIVEN CHAPTERS	6	PD2+PD3+ ANNUAL

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: Ix 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.	प्रेमचंद	कहानी	लघु उत्तरीय प्रश्न , मूल्यपरखप्रश्न , उच्च स्तरीय बौद्धिक प्रश्नों का ज्ञानबोध	https://youtu.be/MrmnOhK_P68?si=FhuhTyyuBHPLBYRX	PD 1 + Term 1
2	9.	कबीर	साखियां एवं सबद	पाठ का विश्लेषण , मूल्य परख प्रश्न , आलोचनात्मक चिंतन , मूल्य परख एवं उच्च स्तरीय बौद्धिक प्रश्नों का बोध , क्रियात्मक गतिविधि।	https://youtu.be/88RDsMJ7QNY?si=vLi6UP4s5iu78zhC	PD PD 1 + Term 1
3	4.	उपसर्ग	संस्कृत , हिंदी , उर्दू उपसर्ग तथाउपसर्ग की तरह प्रयोग किए जाने वाले संस्कृत के	शब्दों में से उपसर्ग तथा मूल शब्द अलग करना , उपसर्ग और मूल शब्द छांट कर लिखना।	https://youtu.be/mdzZhb80PsM?si=2HhFtb2lBjR5n9sa	Pd1 + term 1

			अवयव			
4	5.	प्रत्यय	प्रत्यय के निम्नलिखित भेद ।	प्रत्यय के भेद भेद का विश्लेषण प्रत्यय और उपसर्ग अलग करना ।	https://youtu.be/mdzZhb80PsM?si=2HhFtb2lBjR5n9sa	PD 1 + term 1
5	2.	ल्हासा की ओर	क्षितिज	पाठ का भावार्थ , बौद्ध मुल्क मूल्य परखप्रश्न	https://youtu.be/yqm8NW7KFXY?si=MPDmFu5ADSRg5vOE	PD 2
6	3.	उपभोक्तावाद कीसंस्कृति	क्षितिज	पाठ का भावार्थ बौद्ध मुल्क मूल्यपरक प्रश्न	https://youtu.be/mBLgXO0uGLw?si=F9vRdXyAiZIOVG4P	PD2
7.	1.	इस जल प्रलय में	कृतिका	पाठ का भावार्थ , बौद्ध मूलक मूल्य परक प्रश्न	https://youtu.be/jD_bYMq2m8Y?si=XJkcUrK1kwfldgqL	PD2
8		समास	समास के	समास की पहचान		PD2

			भाग	एवं उनके नाम		
9		अनुच्छेद लेखन	बौद्धिक विषयों पर तर्कसंगत विचार प्रकट करने की क्षमता ,	सम सामाजिक एवं व्यवहारिक जीवन से जुड़े विषय। PD		PD2
10		पत्र लेखन	औपचारिक एवं अनौपचारिक पत्र	अभिव्यक्ति की क्षमता पर केंद्रित औपचारिक अथवा अनौपचारिक पत्र विषय		PD2
11		मेरे संग की औरतें	कृतिका	अभिव्यक्ति की क्षमता मूल्यपरक बौद्ध मुल्क प्रश्न	https://youtu.be/tkZc8XsSCt4?si=nkUGymB9tA3cna1o	Term 1
12	4.	सांवले सपनों की याद	क्षितिज	पाठ का भावार्थ , मूल्य पर एक बौद्ध मूलक प्रश्न	https://youtu.be/WykzL_MbKnE?si=f43w1aqOLJRdHOCg	TERM 1
13	10.	वाख	क्षितिज	पाठ काभावार्थ , सप्रसंग व्याख्या , मूल्य परक प्रश्न	https://youtu.be/4xVZDOJxOps?si=gLk_Lx	Term 1

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14		अर्थ की दृष्टि में वाक्य भेद	वाक्य भेद	वाक्य के भेद , वाक्य की पहचान	https://youtu.be/6SDs1E80zCE?si=2Z1-u4t5_704GVAq	Term 1
15		अलंकार	शब्दालंकार: अनुप्रास यमक शलेष	, वाक्य में अलंकार की पहचान एवं उनके नाम	https://youtu.be/uGcEppI1v10?si=I470d8JVBewd256X	Term 1
16	6.	प्रेमचंद के फटे जूते	क्षितिज	मूल्य परक बौद्धिक प्रश्न	https://youtu.be/MHtPbLFLpzo?si=uda3GvGCKXqBG-gf	Pd3 + term 2
17	7.	मेरे बचपन के दिन	क्षितिज	बौद्ध मुल्क मूल्य परक प्रश्न	https://youtu.be/MKXr9RpEJGY?si=Pqz65o2TCWRZbOhX	Pd3 + Term 2

18	11.	सवैये	क्षितिज	सप्रसंग व्याख्यामूल्य पर एक बौद्धिक प्रश्न		Pd3 + Term 2
19		ई-मेल लेखन	सोशल मीडिया से जुड़े महत्वपूर्णलेख	बौद्धमूलक विषय		PD 3+ Term 2
20		लघु कथा लेखन	कथावस्तुकेविभिन्नचरण	बौद्धमूलकप्रश्न		PD 3 + Term 2
21	12.	कैदी और कोकिला	क्षितिज	पाठ काभावार्थ , सप्रसंग व्याख्यामूल्यपरक बौद्धिकप्रश्न	https://youtu.be/arg3Encpgbg?si=SKJEKTIkFD9WofGM	Term 2
22	13.	ग्राम श्री	क्षितिज	पाठ का भावार्थ , सप्रसंग व्याख्या , मूल्य परख बौद्धिक प्रश्न	https://youtu.be/YE9xLJCv3DM?si=LAGPxi6CzCoxA6gu	Term 2
23	15.	मेघआए	क्षितिज	पाठकाभावार्थ,सप्रसंगव्याख्या,मूल्यपरखबौद्धिकप्रश्न	https://youtu.be/aDd30c5C4HM?si=cVqdDyHE4x	Term 2

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24	17.	बच्चे काम पर जा रहे हैं	क्षितिज	पाठकाभावार्थ,सप्रसंगव्याख्या,मूल्यपरखबौद्धिकप्रश्न	https://youtu.be/xl2PlFf3YXw?si=w6aWLAMX79q3OJMC	Term 2
25		संवाद लेखन	संवादकेचरण, बातचीत के माध्यम लेखन शैली	बौद्धिक कौशल मूल्य परक विषय		Term 2
26		सूचना लेखन	लेखनशैली	बौद्धिक कौशल मूल्य परक विषय		Term 2
2	3.	रीढ़ की हड्डी	कृतिका	मूल्य पर एक बौद्धिक कौशल उच्च स्तरीय प्रश्न	https://youtu.be/hqaQ48LoACM?si=5tAca5FvfGs7SGdK	Term 2

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026-27

CLASS: IX SUB: MATHEMATICS NAME OF THE TEACHER: SANTANU DAS

CH. NO.	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAM	DIGITAL RESOURCES
1	Coordinate Geometry	▪ Brief history of coordinate geometry ▪ The 2-D Cartesian coordinate system ▪ Distance between two points in the 2-D plane ▪ Midpoint of the distance between two points in the 2-D plane	▪ Specify locations and the position of one point relative to another point using coordinates. ▪ Represent a floor plan on a grid using coordinates. ▪ Compute the distance between two points using coordinates. ▪ Determine whether three points lie in a straight line using coordinates. ▪ Compute the position of the midpoint of a line segment using coordinates.	PD-I + MT + AT	https://youtu.be/TXDyGK_GdNM?si=Ud1JlByMxYPJwu6D
2	Introduction to Polynomials	▪ Algebraic expressions ▪ Definition of a polynomial. Degree of a polynomial ▪ Introduction to linear polynomials and applications ▪ Exploring linear patterns ▪ Modelling linear growth and linear decay ▪ Linear relationships ▪ Visualising linear relationships ▪ Slope and y-intercept of a line y = ax + b	▪ Understand the meaning of an algebraic expression. ▪ Define a polynomial. ▪ Identify the degree, terms and coefficients of terms in a polynomial. ▪ Model linear growth and decay using linear polynomials. ▪ Explain and identify patterns in linear relationships. ▪ Identify the slope and y-intercept of a linear equation in two variables.	PD-I + MT + AT	https://youtu.be/4VHrvMutJQw?si=dgBqto5QuRIC_yYw
3	Number	▪ Introduction to	Understand the concept of a	PD-I + MT +	https://youtu.be

	Systems	rational numbers ▪ Representation of rational numbers on the number line ▪ Density of rational numbers and its proof ▪ Finding rational numbers between any two rational numbers ▪ Decimal representation of rational numbers ▪ Introduction to irrational numbers ▪ Proof of irrationality of $\sqrt{2}$ and $\sqrt{3}$ ▪ The square root spiral	rational number. ▪ Represent rational numbers on the number line. ▪ Understand the properties of rational numbers. ▪ Explain the concept of density of rational numbers. ▪ Compute decimal representation of rational numbers. ▪ Understand the concept of irrational numbers. ▪ Prove the irrationality.	AT	/IMnSIaPcqiE?si=sEm2Ry-gpARZsGze
4	Introduction to Euclid's Geometry: Axioms and Postulates	▪ History of geometry ▪ Constructing a square with a given side as described in the Baudhayana's Sulbasutras ▪ Discovering Euclid's definitions ▪ Axioms: Axioms of measurement and rules for geometric objects	Describe how geometry grew from the practical needs ancient civilisations. ▪ Describe contributions of India, Egypt and Greece to the development of geometric ideas. ▪ Understand the role of definitions, axioms, and postulates. ▪ Explain that there are elements of plane geometry (point, line, surface) for which we have an intuitive sense. ▪ State the 5 postulates of Euclidean geometry	PD-I + MT + AT	https://youtu.be/so8Jhy1m1D0?si=dYOMNVAWC6mA3twl
5	Lines and Angles	▪ Rays and angles ▪ Measures of angles ▪ Intersecting lines and angles ▪ Pairs of angles ▪ Theorems and examples on intersecting lines ▪ Theorems and examples on parallel lines	▪ Explain the notion of an angle. ▪ Explain the notion of a ray. ▪ Explain that angles are formed between two rays with a common starting point. ▪ State that a straight angle equals two right angles and measures 180° while a right angle measures 90°. ▪ Classify angles as acute, right, obtuse, or reflex.	PD-II + MT + AT	https://youtu.be/42u_1PKQ1gM?si=JWLx_ptvm6ltdU7Z
6	Sequences and Progressions	▪ Introduction to sequences ▪ Explicit or general rule of a sequence	▪ Understand the concept of a sequence of numbers. ▪ Identify the pattern in a sequence and predict the next few terms.	PD-II + MT + AT	https://youtu.be/olY7IA63Xwl?si=fjGNBB7zR0a-

		▪ Recursive rule of a sequence ▪ Arithmetic Progressions (AP): nth term, visualising an AP, and practical contexts leading to APs ▪ Sum of the first n natural numbers ▪ Geometric Progressions (GP): nth term, visualising a GP, and practical contexts leading to GPs ▪ Applications of GP in fractals ▪ Tower of Hanoi puzzle	▪ Determine the recursive and explicit rules for different sequences. ▪ Obtain the terms of a sequence given its recursive and explicit rule. ▪ Identify Arithmetic Progressions (AP). ▪ Determine the nth term of an AP. ▪ Visualise an AP graphically		saFs
7	Triangles: Congruence Theorems	▪ Practical applications and uses of triangles ▪ Conditions of congruence of triangles and their proofs ▪ Theorems on triangles ▪ Propositions and converse of a proposition ▪ Problems based on applications of theorems on triangles	▪ Explain that a triangle is rigid, unlike a quadrilateral. ▪ Identify uses of triangle rigidity. ▪ Explain why triangles give strength and stability to structures. ▪ Describe what it means for two triangles to be congruent. ▪ Identify correspondence between the vertices, sides, and angles of two congruent triangles. ▪ Use the SAS congruence axiom. ▪ Use the SSS congruence condition	PD-II + MT + AT	https://youtu.be/m3Qj5FT74LM?si=8GcDbL-X-fKYzn5d
8	Mensuration: Area and Perimeter	Perimeter of shapes ▪ Perimeter of a circle: Introduction to Pi and its irrationality ▪ Length of an arc ▪ Area of shapes: rectangles, parallelograms, and triangles ▪ Heron's formula ▪ Squaring a rectangle: Proof from Baudhayana's Sulbasutras ▪ Area of a circle:	Define perimeter as the length around the boundary of any shape. ▪ Explain that the circumference-to-diameter ratio is constant for all circles. ▪ List historical approximations to π (from Archimedes, Aryabhata, and Zu Chongzhi). ▪ Compute the circumference of a circle and the length of an arc. ▪ Apply ideas of circle perimeter and arc-length to real-world contexts. ▪ Explain why a median of a triangle divides it into two triangles of equal	PD-III + AT	https://youtu.be/lw6lhiHk66I?si=stnE9EmtC1BB4y6j

		derivation ▪ Area of the sector of a circle ▪ Brahmagupta's formula for area of a cyclic 4-gon ▪ Heron's formula as a special case of Brahmagupta's formula	area. ▪ Use Heron's formula to compute the area of a triangle from its sides. ▪ Explain the classical problem of 'squaring' a given shape.		
9	Exploring Algebraic Identities	▪ Revisiting algebraic identities ▪ Visualising identities using geometrical models ▪ Factorisation of algebraic expressions using identities ▪ More identities and their applications ▪ Visualising factorisation of quadratic expressions through algebra tiles ▪ Factorisation without using algebra tiles ▪ Finding new identities ▪ Simplifying rational expressions	▪ Visualise algebraic identities using geometric models. ▪ Determine the factors of algebraic expressions using identities. ▪ Interpret factors of quadratic expressions through geometric models. ▪ Find simplified versions of rational expressions. ▪ Use computational thinking strategies, such as decomposition and step-by-step procedures to visualise algebraic identities, factor expressions, and simplify rational expressions.	PD-III + AT	https://youtu.be/Aj8LdsC1PeU?si=NRroPP6OPJd98bxl
10	4-gons (Quadrilaterals)	▪ Properties of parallelograms ▪ Important theorems related to parallelograms and their proof ▪ The midpoint theorem and its applications ▪ Understanding the notion of central symmetry in the context of parallelograms	▪ Frame a precise definition of a 4-gon. ▪ Prove various characterisations of a parallelogram. ▪ Prove the midpoint theorem. ▪ Prove a converse of the midpoint theorem. ▪ Prove that the medians of a triangle are concurrent and each median is divided in the ratio 2:1 at the point of concurrence. ▪ Prove that the 4-gon formed by joining the midpoints of a given 4-gon is a parallelogram. ▪ Find the coordinates of the midpoint of a line segment given its end points and find the coordinates of the fourth vertex of a parallelogram given the	PD-III + AT	https://youtu.be/_2kf1Xh15CU?si=jdXtg846nT_73prp

			other three. ▪ Understand reflection and rotation symmetries of 4-gons.		
11	Circles	▪ Practical applications and uses of circles ▪ Definitions related to a circle – centre, diameter, and radius ▪ Chords and the angles they subtend ▪ Midpoints and perpendicular bisectors of chords ▪ Distance of chords from the centre ▪ Subtended angles by an arc ▪ Cyclicity of points	▪ State the definition of a circle. ▪ Explain the meanings of the terms 'chord', 'diameter', 'radius', 'arc', 'segment', and 'sector'. ▪ Explain why there exists a unique circle through three non-collinear points. ▪ Construct the circumcircle and circumcentre of a triangle. ▪ Describe the location of the circumcentre for acute, obtuse, and right-angled triangles. ▪ Explain what 'angle subtended by an arc at the centre' means. ▪ Explain why 'equal chords subtend equal angles at the centre'. ▪ Explain why 'chords that subtend equal angles at the centre are equal'. ▪ Explain why 'the line from the centre of a circle to the midpoint of a chord is perpendicular to the chord'. ▪ Explain why 'a perpendicular from the centre to a chord bisects the chord'. ▪ State the relationship between length of a chord and its distance from the centre of the circle.	AT	https://youtu.be/YP4wOP_Bxfg?si=tfs3emAdkIT2Sb99
12	Linear Equations in Two Variables	▪ Introduction to linear equations in two variables through practical examples ▪ Solution of linear equation in two variables: graphical representation ▪ Slope-intercept form of linear equation in two variables ▪ Drawing graphs of linear equations when x and y assume only	▪ Understand the concept of a linear equation in two variables. ▪ Graph a pair of linear equations. ▪ Solve a pair of linear equations graphically. ▪ Solve a pair of linear equations through the methods of substitution and elimination. ▪ Determine the nature of solutions of a pair of linear equations. ▪ Model and solve contextualised problems using a pair of linear equations and draw conclusions. ▪ Model daily-life phenomena using	PD-III + AT	https://youtu.be/S6hCiHmky_U?si=WhC3zZ03rnZjqhEC

		certain values ▪ Pair of linear equations in two variables ▪ Graphical method for solving a pair of linear equations in two variables ▪ Nature of solutions: consistency and inconsistency ▪ Algebraic methods of solving a pair of linear equations: method of substitution and method of elimination	representations, such as graphs, tables, and equations.		
13	Mensuration: Surface Area and Volume	▪ Surface areas and volumes of spheres (including hemispheres) and right circular cones	▪ Recognise cuboids and cubes in real-life situations. ▪ Compute the surface area and volume of a cuboid. ▪ Explain how a cube is a 'special case' of a cuboid. ▪ Describe a right circular cylinder using its radius and height. ▪ Compute the surface area and volume of a cylinder	AT	https://youtu.be/Iw6IhiHk66I?si=stnE9EmtC1BB4y6j
14	Statistics	▪ Graphical representation of data ▪ Measures of central tendency	▪ Collect, organise, visualise and interpret data to answer a statistical investigative question. ▪ Compute and apply weighted average in different settings. ▪ Read and interpret stacked bar graphs and 100% stacked bar graphs. ▪ Apply computational thinking strategies to analyse real-life data, create appropriate graphical representations, and interpret mean, median and mode for decision-making.	AT	https://youtu.be/3jVwXMI6-yU?si=XxBcT0Co5oVQJ2ss
15	Introduction to Probability	▪ Concept of probability and randomness ▪ The probability scale ▪ Empirical probability: analysing statistical data and performing	▪ Understand the concept of randomness. ▪ Describe the likelihood of an event using the probability scale. ▪ Estimate the empirical probability of the occurrence of an event by	AT	https://youtu.be/JBb2QASxHpg?si=sHVIlt--hiB_sYj0

		experiments ▪ Theoretical probability: sample space and events ▪ Representing probability through tree diagrams and tables	analysing statistical data. ▪ Define theoretical probability of an event. ▪ Apply the definition of theoretical probability to compute the probability of an event. ▪ Compute probability of events with the help of tree diagrams and tables. ▪ Use computational thinking strategies, such as pattern recognition and simulation, to model random experiments and estimate probabilities		

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: IX 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	EFFECTIVE COMMUNICATION	• Introduction to Communication • Elements of Communication • Modes of Communication (Verbal Communication, Basics of Pronunciation, Phonetics, Non-Verbal Communication, Visual Communication, Perspectives in Communication) • Writing Skills (Phrases, Kinds of Sentences based on Expressions, Parts of Sentence, Parts of Speech, Active and Passive Voice, Framing a Paragraph, Parts of paragraph, Characteristics of a Good paragraph)	Meaning of Communication, Importance of Communication, Sender, Message, Channel, Receiver, Feedback, Verbal Communication (Oral, Written), Body Language, Topic Sentence	PD-I + MT+AT	https://youtu.be/Xhdhh_euF2Q?si=fWuSwrP_7MPL59f0
2	Self – Management	• Introduction • Positive Results of Self-Management • Fundamentals of Self-Management • Self Confidence • Self Confidence	Importance of Self-Management, Setting Goals, Time Management, Stress Management, Decision Making, Self Awareness, Self Confidence, Positive	PD-II + MT+AT	

		Building Tips	Attitude		
3	FUNDAMENTALS OF ICT	• Introduction • Role and Importance of ICT (Education, Healthcare, Governance, ICT in Workplace) • ICT Tools (Mobile Phone, Tablet, Radio, Television, Internet, e-Mail, Social Media) • Internet & Its Uses • Terminologies of Internet (Web Page, Web Site, Web Browser, Web Address, WWW)	Meaning of ICT, Role of ICT in Education, Role of ICT in Healthcare, Role of ICT in Governance, Role of ICT in Workplace, Mobile Phone, Tablet, Radio, Television, Internet	PD-I + MT+AT	
4	ICT: COMPUTER & COMPONENTS	• INTRODUCTION:COMPUTER • Components of Computer System • Input Devices (Keyboard, Mouse, Joystick, Scanner, OMR, MICR, Light Pen, Bar Code Reader, Microphone, Digital Camera, Web Camera) • CPU • MEMORY AND STORAGE DEVICES • Motherboard, SMPS, Processor, Heat Sink, Port, Cards) • Output Devices (Printer, Plotter, Speaker, Monitor) • Software (Application Software, System Software, Utility Software) • Using a Computer (POST, Booting, Shut Down, Restart, Log-Off)	Introduction to Computer, Components of Computer System, Input Devices (Keyboard, Mouse, Scanner, Joystick), CPU, Memory and Storage Devices, Motherboard and Processor, Output Devices (Monitor, Printer, Speaker), Software (Application, System, Utility), Using a Computer (Booting, Shut Down, Restart), File Management (Creating, Moving, Copying, Deleting Folders/Files)	PD-II + MT+AT	

		• Creating a New Folder/ File • To Move, Copy, Delete, & Restore a Folder/File			
5	ICT : e MAIL	• Introduction • Advantages of e-Mail • Limitations of e-Mail • e-Mail Services (Web based e-Mail, e-Mail applications, Create an e-Mail) • To Create e-Mail • To Read e-Mail • Compose and Send e-Mail • Attaching Files • Receiving e-Mail • Replying to e-Mail • Forwarding e-Mail • Deleting e-Mail	Introduction to e-Mail, Advantages of e-Mail, Limitations of e-Mail, e-Mail Services (Web-based, Applications), Creating an e-Mail, Reading an e-Mail, Composing and Sending e-Mail, Attaching Files, Receivinge-Mail, Replying and Forwarding e-Mail	PD-III +AT	
6	ENTREPRENEURSHIP & SELF EMPLOYMENT	• Self-Employment • Enterprise & Entrepreneurship • Characteristics of Entrepreneurs • Importance of Entrepreneurship • Role and Reward of Entrepreneurship • Risks of Entrepreneurship • Types of Businesses • Businesses Frameworks	Self-Employment, Entrepreneurship, Characteristics of Entrepreneurs, Importance of Entrepreneurship, Types of Businesses	AT	
7	GREEN SKILLS & ENVIRONMENT	• Introduction • Environmental Imbalance (Over Population, Pollution) • SOCIETY & ENVIRONMENT • Ecosystem • Natural Resources • Natural Resource Conservation	Introduction, Environmental Imbalance (Overpopulation, Pollution), Society and Environment, Ecosystem, Natural Resources, Conservation of Natural Resources,	PD-III + AT	

		• The 3 R'S-Reduce, Reuse and Recycle • Green Economy (Importance of Green Economy, Green Consumer, Green Skills, Green Jobs, Green Projects)	Reduce, Reuse and Recycle (3R's), Importance of Green Economy, Green Consumer, Green Skills and Green Jobs		
SUBJECT SKILLS					
CHAPTER NO	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCE
8	WHAT IS AI	• Introduction • Characteristics of AI • Applications of AI (AI in Automobiles, Space Exploration, Agriculture, Banking, Healthcare, Navigation, Gaming, Marketing, Surveillance, Education, Entertainment, Social Media, Art) • Domains of AI (Data Science, Computer Vision, Natural Language Processing)	Introduction to AI, Characteristics of AI, Applications of AI, Domains of AI, AI in Healthcare	PD-I + MT+AT	https://youtu.be/Lge8qqCbDhI?si=RnHG1VeacL9SDq0e
9	AI PROJECT CYCLE	• Introduction • Stages of AI Project Cycle • Problem Scoping • Data Acquisition • Data Exploration • Modelling • Evaluation • Deployment • Ethics • Ethics in AI • AI Bias • AIAccess • AI Inclusion • Advantages & Disadvantages of AI	Introduction to AI Projects, Stages of AI Project Cycle, Problem Scoping, Data Acquisition and Exploration, Modelling, Evaluation and Deployment, Ethics in AI	PD-I + MT+AT	
10	DATA LITERACY	• Introduction • Data Pyramid • Data Literacy • Impact of Data Literacy	Introduction to Data, Data Pyramid, Data Literacy, Impact	PD-II + MT+AT	

		• Applications of Data Literacy • Data Literacy Process Framework • Personal Data • Data Privacy • Data Security • Cyber Security • Data Breaches • Enhance Data Security • Data and its types • Data Acquisition • Data Acquisition & Ethics • Data Usability • Data Pre-processing • Features of Data • Data Processing • Data Interpretation	of Data Literacy, Applications of Data Literacy, Data Literacy Process Framework, Personal Data, Data Privacy, Data Security, Cyber Security		
11	MATHEMATICS IN AI	• Introduction • Patterns • Relation between Mathematics and AI • Mathematical Concept used in AI • Statistics • Probability • Applications of Probability	Introduction to Mathematics in AI, Patterns, Relation between Mathematics and AI, Mathematical Concepts used in AI, Statistics, Probability, Applications of Probability	PD-III + AT	
12	GENERATIVE AI	• Introduction • Evolution of Generative AI • Generative AI vs Conventional AI • Types of Generative AI • Usage of Generative AI • Benefits of Generative AI • Limitations of Generative AI • Tools of Generative AI • Ethical Considerations of Generative AI • Responsible use of Generative AI	Introduction to Generative AI, Evolution of Generative AI, Generative AI vs Conventional AI, Types of Generative AI, Usage of Generative AI, Benefits of Generative AI, Limitations of Generative AI,	PD-II+PD-III+MT+AT	
13	INTRODUCTION TO PYTHON	• Introduction • Features of Python • Installing Python • Basics of Python	Introduction to Python, Features of Python, Installing Python, Basics of	PD-I+PD-II+MT+AT	

		• Character set in Python • Token (identifier, Keywords, Literals, Operators and Operands) • VARIABLES • Data Types • Comments • Coding in Python • Print Statement • Input Statement • Type Casting (Implicit & Explicit Type Casting) • Decision-Making in Python (If Statement, If...else Statement, If..elif..else Statement) • Loops in Python (While Loop, For Loop, Nested Loops)	Python, Character Set in Python, Tokens (Identifier, Keywords, Literals, Operators and Operands), Variables, Data Types,		https://youtu.be/wZHoNfhXPr8?si=yFzFFs-6S01LRnqe
14	LIST IN PYTHON	• Introduction • Creating a list • Accessing the elements in a list • Traversing a list • Printing the Entire List • Add New Elements to a List • Removing Elements from a List • Modifying Existing Elements in a List • Additional Python Programs • Annexure: Code Combat	Introduction to Python Lists, Creating a List, Accessing Elements in a List, Traversing a List, Printing the Entire List, Adding New Elements to a List, Removing Elements from a List, Modifying Existing Elements in a List,	AT	https://youtu.be/nVmrmBMfxSQ?si=TFqh2PNh_A4h9K6R

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SYLLABUS FOR THE SESSION 2026-27

CLASS: IX SUB: HPE NAME OF THE TEACHER: SR,SN &SW

➢ **Practical**

SL No	Name of Asanas/Games/Marching	Skill Learning	Months
1	**Asana** • 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** • 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	• 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	• Kho-Kho	Match Practice	Jan+Feb+March

	• Football • Cricket • Badminton • Volleyball		

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS STRUCTURE

for

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

SL	CHAPTER NAME	TOPIC	SUBTOPIC	EXAM	DIGITAL RESOURCES
1	Matter in our surroundings (CHEM)	• Physical nature of matter • Characteristics of particles of matter • States of matter • Can matter change its state • Evaporation	✔ Matter is made up of particles. ✔ How smalls are these particles of matter. ✔ Particles of matter have space between them ✔ Particles of matter are continuously moving ✔ Particles of matter attract each other. ✔ The solid states ✔ The liquid state • The gaseous state ✔ Effect of change of temperature ✔ Effect of change of pressure ✔ Factors affecting evaporation. ✔ How does evaporation cause cooling.		https://youtu.be/LbhNCSntQyI?si=iWU5ru_8ojTdTAZ
2	Fundamental Unit of Life	• What are living organisms	✔ Plasma membrane or cell		https://youtu.be/o

	(BIO)	• Plasma membrane or cell life made up of • What is cell made up of? • What is the structural organization of a cell?	membrane Cell wall Nucleus Cytoplasm Cell organelles (endoplasmic reticulum, Golgi apparatus, lysosomes, mitochondria, plastids, vacuoles		ReJRxt5aVM?si=y1B5bk020glaPsbs
3	Motion (PHY)	• **Describing motion** • **Measuring the rate of motion** • **Rate of change of velocity** • **Graphical representation of motion** • **Equation of motion by graphical method.** • **Uniform circular motion**	Motion along a straight line Uniform and non- uniform motion Speed with direction Distance time graphs Velocity time graphs Numerical problems		https://youtu.be/jCGMW9KOQvU?si=lqVzPwGyObuKa27M
4	Is matter around us pure? (CHEM)	• **What is mixture?** • **What is solution?** • **Physical and chemical change** • **Types of pure sub**	Concentration of a solution What is suspension What is colloidal solution Elements compound		https://youtu.be/teNEviOvXAU?si=83-g-SUjEzVXyNhi
5	Tissues (BIO)	• **Are plants and animals made of same types of tissues?** • **Plant tissues** • **Animal tissues**	Meristematic tissue Permanent tissue Epithelial tissue Connective tissue Muscular tissue Nervous tissue		https://youtu.be/RJsLw5cmbP8?si=1LVX03ADE5QnrZQv
6	Force and Laws of Motion (PHY)	• **Balanced and unbalanced forces** • **First law of motion** • **Inertia and mass** • **Second law of motion** • **Third law of motion**	Introduction to the concept of force Statement of the Newton's laws of motion Mathematical description of 2nd law of motion		https://youtu.be/uOz2jyshMO8?si=_HzW99J_vHgSlQLc

			✔ Concept of momentum from the 2nd law of motion ✔ Action and reaction forces ✔ 3rd law of motion and conservation of momentum ✔ Numerical problems		
7	Atoms and Molecules (CHEM)	• **Laws of chemical combination** • **What is an atom** • **What is a molecule** • **Writing chemical formulae** • **Molecular mass and mole concept**	✔ Law of conservation of mass ✔ Law of constant proportions ✔ Modern day symbol of atoms of different elements ✔ Atomic mass ✔ How do atoms exist? ✔ Molecules of elements ✔ Molecules of compound ✔ What is ion? ✔ Formulae of simple compound? ✔ Molecular mass ✔ Formulae unit mass		https://youtu.be/Jy2bLuZU8ps?si=K2XLdMejST3OJYvC
8	Gravitation (PHY)	• Introduction • Concept of gravity • Unit and Dimension of universal gravitational acceleration • Mass and weight • Gravitational acceleration • Change of gravitational acceleration • Thrust and pressure • Archimedes principle	✔ Gravitational force and its nature ✔ Weight = mass * g ✔ Acceleration due to gravity ✔ Change in gravitational acceleration due to height, depth and rotation of the Earth ✔ Definition of thrust ✔ Pressure and its effects ✔ Archimedes principle and concept of buoyancy		https://youtu.be/K_gbborBB_A?si=5PUhQhTpFFYrjvgq
9	Improvement in food resources (BIO)	• **Improvement of crop yields** • **Animal husbandry**	✔ Crop variety improvement ✔ Crop production management ✔ Crop protection		https://youtu.be/LDfDVQ8KkNA?si=T

			management - Cattle farming - Poultry farming - Fish production - Bee-keeping		9RvIKnVihRilzzk
10	Structure of the Atom (CHEM)	• **Charged particle in matter** • **The structure of atom** • **How electrons distributed in different orbits** • **Valency** • **Atomic number and mass number** • **Isotopes**	- Thomson model of an atom - Rutherford model of an atom - Neutrons - Atomic number - Mass number - Isobars		https://youtu.be/OUqHoagKXts?si=IhbIGITVaVq6rAYu
11	Work and Energy (PHY)	• **Concept of work** • **How does Work relate to Energy** • **Dimensions and Units of Energy** • **Power**	- Definition and mathematical expression of work - Conversion of work as energy - Kinetic and Potential energy - Mathematical expression for Kinetic energy and Potential energy - Rate of change of work done: Power - Numerical problems		https://youtu.be/NOu2YoxVyvY?si=LNIvH8Ij19Tu8kv4
12	Sound (PHY)	• **Production of sound** • **Propagation of sound** • **Properties of sound** • **Types of sound** • **Reflection of sound** • **Applications** • **Hearing**	- How sound is produced - Mechanical and Longitudinal wave - Wavelength (λ), frequency (ν) and time period (T) - Graphical representation of a sound wave - $v = \nu\lambda$ - **Hearing range of humans** - **Infrasonic and**		https://youtu.be/UpXKKEbCByA?si=1mU4OXAduLsKgEDA

			ultrasonic sound - Animals that use infrasonic and ultrasonic sounds - Application of ultrasonic sound - Numerical problems		

NO. OF CHAPTERS: BIO (SEC-A) – 3 CHEM (SEC-B) – 4 PHY (SEC-C) - 5

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SYLLABUS FOR THE SESSION 2026- '27

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

SL NO	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCE
TERM-I					
1	ইলিয়াস	গদ্য	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD – I + MID TERM	https://youtu.be/LxRU8A_EZ5k?si=W4MdI_xPNfxQy3MX
2	এই জীবন	পদ্য	রচনাধর্মী প্রশ্ন ব্যাখ্যা-ধর্মী প্রশ্ন	PD – I + MID TERM	https://youtu.be/hlGbkCUWKoM?si=fP9IQMUTDQZZeFns
3	ক. সন্ধি খ. সমাস গ. বোধ পরীক্ষণ	ব্যাকরণও নির্মিতি	স্বরসন্ধি দ্বিগু সমাস	PD – I + MID TERM	https://www.youtube.com/live/4LfnhR0yHGA?si=oVsE1xjp3MCskQjm
4	১-৪(অধ্যায়)	আম আঁটির ভেঁপু	নৈব্যক্তিক ও রচনাধর্মী	PD – I + MID TERM	

			প্রশ্ন		
5	দাম	গদ্য	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD – II+ MID TERM	https://youtu.be/qohEWm8u_j0?si=WfmC1lHXYPM2FhIr
6	খেয়া	পদ্য	রচনাধর্মী প্রশ্ন ব্যাখ্যাধর্মী প্রশ্ন	PD – II + MID TERM	https://youtu.be/uK8EMgLKTPM?si=BSj7M623eeSkWQWZ
7	ক. সন্ধি খ. সমাস গ.বাক্য পরিবর্তন	ব্যাকরণ	স্বরসন্ধি তৎপুরুষ সমাস অর্থ অনুসারে বাক্য পরিবর্তন	PD – II + MID TERM	https://youtube.com/playlist?list=PLdGfqGSD9m6SSj4_8XtXGU1gNz07uuLgC&si=CqUxsceu14IbOlvc
8	৫ – ১০(অধ্যায়)	আম আটির ভেঁপু	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD – II + MID TERM	
9	• বিজ্ঞপ্তি • প্রতিবেদন রচনা	নির্মিতি		MID TERM	

TERM-II					
1	চিঠি	গদ্য	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD -III + ANNUAL	https://youtu.be/H8z7mfkOSrI?si=8PUaQjLBBp4DtNxA
2	ব্যথার বাঁশি	পদ্য	রচনাধর্মী প্রশ্ন ব্যাখ্যাধর্মী প্রশ্ন	PD -II + ANNUAL	https://youtu.be/DgCVmFW94Nc?si=KuUJn3h8b_pmjfvi
3	ক. সমাস খ. বাক্য পরিবর্তন	ব্যাকরণ ও নির্মিতি	বহুব্রীহি সমাস অর্থগত বাক্য পরিবর্তন	PD -III + ANNUAL	https://youtube.com/playlist?list=PLdGfqGSD9m6SSj4_8XtXGU1gNz07uuLgC&si=CqUxsceu14IbOlvc
4	১১-১২(অধ্যায়)	আম আটির ভেঁপু	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	PD -III + ANNUAL	
5	ছুটি	গদ্য	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	ANNUAL	https://youtu.be/hVhcDmqr3DQ?si=x41oqglsh9BmduY6

6	জন্মভূমি আজ	পদ্য	রচনাধর্মী প্রশ্ন ব্যাখ্যাধর্মী প্রশ্ন	ANNUAL	https://youtu.be/eiOsNiBA744?si=6hDO7aPAPmoKa_ua
7	শুদ্ধ-অশুদ্ধ	ব্যাকরণ	শুদ্ধ অশুদ্ধ বিচার	ANNUAL	
8	১৩-১৫(অধ্যায়)	আম আটির ভেঁপু	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	ANNUAL	
9	• ইলিয়াস, • দাম, • চিঠি, • ছুটি	গদ্য	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	ANNUAL	
10	• এই জীবন • খেয়া • ব্যথার বাঁশি • জন্মভূমি আজ	পদ্য	রচনাধর্মী প্রশ্ন ব্যাখ্যাধর্মী প্রশ্ন	ANNUAL	
11	• সন্ধি, সমাস,	ব্যাকরণও নির্মিতি	• সন্ধি ও সন্ধি	ANNUAL	

	বাক্য পরিবর্তন, শুদ্ধ ও অশুদ্ধ • বিজ্ঞপ্তি, • প্রতিবেদন রচনা, • বোধ পরীক্ষণ		বিচ্ছেদ • বাক্য পরিবর্তন • ব্যাস বাক্য সহ সমাস নির্ণয় • শুদ্ধ অশুদ্ধ নির্ণয় • ইত্যাদি		
12	১মঅধ্যায় -শেষ পর্যন্ত	আম আটির ভেঁপু	নৈব্যক্তিক ও রচনাধর্মী প্রশ্ন	ANNUAL	

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SYLLABUS FOR THE SESSION 2026-'27

CLASS: IX **SUB: SOCIALSCIENCE** **TEACHERS: SC&DM**

SL NO	CHAPTER NO.	CHAPTERNAME	TOPIC	SUBTOPIC	NAMEOF EXAMINATION	DIGITAL RESOURCE
1	1	THE FRENCH REVOLUTION(HIS)	ALLTOPICSARE INCLUDED	MAP POINTING	PD1+MT	https://www.youtube.com/live/N4KswB4OA0c?si=Kwx3gD5mI3f72neC
2	2	SOCIALISMIN EUROPEANDTHE RUSSIAN REVOLUTION(HIS)		MAP POINTING	PD+2+MT	https://www.youtube.com/live/-VtOiHjmftc?si=LDb2DQEN6wqhEjZQ
3	3	NAZISMANDTHE RISEOFHITLER (HIS)		MAP POINTING	MT	https://youtu.be/rFS0j494QEY?si=nsnQPbV4AUD0YCcM
4	4	FORESTSOCIETY AND COLONIALISM(HIS)		INTER DISCIPLINARY PROJECT	PD-3+AT	https://youtu.be/2oCsMusryJo?si=LubVbi93ADQ-wBtT
5	5	PASTORALIALISM INTHEMODERN WORLD(HIS)	ALL TOPICS ARE INCLUDED		AT	https://youtu.be/frGXQHyQu00?si=NEZZ5qGlrPV8j7aO

6	1	INDIA–SIZE AND LOCATION(GEO)	ALL TOPICS ARE INCLUDED	MAP POINTING	PD1+MT	https://www.youtube.com/live/CdVf_H44tho?si=EGDxgtHHVoYOIKJT
7	2	PHYSICAL FEATURES OF INDIA (GEO)		MAP POINTING	PD1+MT	https://www.youtube.com/live/HpfNT8KhkoQ?si=hhfXQFKU6ByRlEMF
8	3	DRAINAGE(GEO)		MAP POINTING	PD2+MT	https://www.youtube.com/live/7-4UgkKHm-g?si=bIxR4I6b18YhCRLV
9	4	CLIMATE(GEO)		MAP POINTING	PD3+AT	https://youtu.be/_O6RdDiq7eo?si=RlJKBipNF2qHaT-x
10	5	POPULATION(GEO)		MAP POINTING	PD-3+AT	https://youtu.be/L26wKCUwo5o?si=p1bydzMqNOAEbC-v
11	6	NATURAL VEGETATIONAND WILDLIFE(GEO)	INTER-DISCIPLINARY PROJECT	MAP-POINTING SHOULD BE PRACTICED	AT	https://youtu.be/L26wKCUwo5o?si=p1bydzMqNOAEbC-v
12	1	WHAT DEMOCRACY? WHY DEMOCRACY? (CIV)	ALL		PD1+MT	https://www.youtube.com/live/UzZVhs5AUdI?si=Q77MwjHMVGUkCwU4

			TOPICS ARE INCLUDED			
13	2	CONSTITUTIONAL DESIGN(CIV)			PD2+MT	https://youtu.be/KHjCtCiwcB4?si=1oST9LjP1xLExvUE
14	3	ELECTORAL POLITICS(CIV)			MT+AT	https://www.youtube.com/live/09c12iKuLfY?si=2pruzHLrvYiPYLPF
15	4	WORKING OF INSTITUTION (CIV)			PD3+AT	https://youtu.be/oMqEsD-Utac?si=AmdpTJ-j3R0CzNLN
16	5	DEMOCRATIC RIGHTS(CIV)			PD3+AT	https://youtu.be/OMQllt3s_HA?si=iTkV98jW6mBHA_J7
17	1	THE STORY OF PALAMPUR (ECON)	ALLTOPICS ARE INCLUDED		PD1+MT	https://www.youtube.com/live/y5B2wcCPeds?si=usascA88cjg-EBKE
18	2	PEOPLE AS RESOURCE (ECON)			PD2+MT	https://www.youtube.com/live/OpfMnc92gDI?s

						i=crGPQPRPK6QAvyF3
19	3	POVERTY AS A CHALLENGE (ECON)			PD3+AT	https://youtu.be/uio2q_8hyw4?si=Wg9LDtrvqSG6le7u