

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: VIII

SUB: Hindi

NAME OF THE TEACHER: Bitto kaur

SL NO.	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCES
1	जलाते रहो	कविता अध्ययन	लिखित प्रश्न, काव्यांश आधारित प्रश्न, MCQ (कथन-कारण), बौद्धिक प्रश्न	PD1	
2	महाराज का पुरुस्कार	पठन कौशल व विश्लेषण	लिखित प्रश्न पठित गद्यांश आधारित प्रश्न कथन एवं कारण पर आधारित बहुविकल्पीय प्रश्न बौद्धिक कौशल पर आधारित प्रश्न	pd 1	

3	वाच्य	व्याकरण	कर्तृवाच्य, कर्मवाच्य, भाववाच्य, वाक्य परिवर्तन	pd 1	https://youtu.be/bXGI7HXmz0I?feature=shared
4	पद परिचय	व्याकरण	शब्द भेद की पहचान, वाक्य में प्रयोग	pd1	https://youtu.be/FLay5EbBjWc?si=JyfGr-wH7zY35LMV
5	मंत्र	पठन कौशल व विश्लेषण	लिखित प्रश्न पठित गद्यांश आधारित प्रश्न कथन एवं कारण पर आधारित बहुविकल्पीय प्रश्न बौद्धिक कौशल पर आधारित प्रश्न	PD 2	

6	भोला राम का जीव	पठन कौशल व विश्लेषण	लिखित प्रश्न पठित गद्यांश आधारित प्रश्न कथन एवं कारण पर आधारित बहुविकल्पीय प्रश्न बौद्धिक कौशल पर आधारित प्रश्न	pD 2	
7	उपसर्ग	शब्द निर्माण	उपसर्ग के प्रकार व प्रयोग	pd2	https://youtu.be/5_sIWfap6Go?si=1g5305hjFyZOZ4I9
8	प्रत्यय	शब्द निर्माण	प्रत्यय के प्रकार, शब्द निर्माण	PD 2	https://youtu.be/5_sIWfap6Go?si=1g5305hjFyZOZ4I9
9	पद बंध तथा वाक्य	व्याकरण	पदबंध के प्रकार, वाक्य निर्माण	PD 2	https://youtu.be/4SRzOUHJX1c?si=Rn4al

					nQf oRO6 DOC
10	बिरसा मुंडा	प्रेरणादायक व्यक्ति त्व	जीवन परिचय, योगदान, बौद्धिक प्रश्न	MT	
11	स्नेह	कहानी	लिखित प्रश्न पठित गद्यांश आधारित प्रश्न कथन एवं कारण पर आधारित बहुविकल्पीय प्रश्न बौद्धिक कौशल पर आधारित प्रश्न	MT	
12	शब्द युग्म	शब्द भंडार विकास	शब्द-युग्म की पहचान, अर्थ भेद	MT	

13	अपठित गद्यांश	पठन कौशल विकास	गद्यांश पढ़कर समझना, प्रश्नों के उत्तर देना	MT	
14	पत्र लेखन	लेखन कौशल	औपचारिक व अनौपचारिक पत्र लेखन	MT	
15	विज्ञापन लेखन	लेखन कौशल	आकर्षक विज्ञापन बनाना, मुख्य बिंदु लिखना	MT	
16	सूरदास के पद	काव्य अध्ययन	लिखित प्रश्न पठित काव्यांश आधारित प्रश्न कथन एवं कारण पर आधारित बहुविकल्पीय प्रश्न बौद्धिक कौशल पर आधारित प्रश्न	PD 3	
17	डॉक्टर के शब्द	पठन कौशल व विश्लेषण	लिखित प्रश्न	PD 3	

			पठित गद्यांश आधारित प्रश्न कथन एवं कारण पर आधारित बहुविकल्पीय प्रश्न बौद्धिक कौशल पर आधारित प्रश्न		
18	विराम चिन्ह	व्याकरण	विभिन्न विराम चिह्नों का प्रयोग	PD 3	
19	अलंकार	काव्य शास्त्र	प्रमुख अलंकार, उदाहरण सहित	PD3	https://youtu.be/lcd0M7FyM8g?si=w3S6qtCfmONd-mda
20	शक्ति और क्षमा	कविता अध्ययन	लिखित प्रश्न पठित काव्यांश आधारित प्रश्न	Term 2	

			कथन एवं कारण पर आधारित बहुविकल्पीय प्रश्न बौद्धिक कौशल पर आधारित प्रश्न		
21	मिठाई वाला	पठन कौशल व विश्लेषण	लिखित प्रश्न पठित गद्यांश आधारित प्रश्न कथन एवं कारण पर आधारित बहुविकल्पीय प्रश्न बौद्धिक कौशल पर आधारित प्रश्न	Term 2	
22	सार लेखन संक्षेपण	लेखन कौशल	गद्यांश को संक्षेप में लिखना	Term 2	
23	निबंध लेखन	लेखन कौशल	विभिन्न विषयों पर निबंध लेखन	Term 2	

24	अनुच्छेद लेखन	लेखन कौशल	संक्षिप्त अनुच्छेद लेखन, विचार व्यक्त करना	Term 2	
25	अपठित काव्यांश	पठन कौशल विकास	काव्यांश पढ़कर अर्थ समझना, प्रश्न उत्तर	Term 2	

SNPS SYLLABUS 2016-17

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: 8

SUB: Bengali

NAME OF THE TEACHER: SP

SL. NO.	CHAPTER NAME	TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCES
<u>TERM - I</u>				
1	জীবনস্মৃতি	গদ্য	Pd-1 & mid term	
2	বঙ্গভাষা	পদ্য	Pd-1 & mid term	https://youtu.be/nZORkVYHe3g?si=44bkYefEqkaLcbW0
3	লালু	SR	Pd-1 & mid term	https://youtu.be/9SW0Xagwgck?si=DyEXMjiCz9Z46VVL

4	বিসর্গ সন্ধি	ব্যাকরণ	Pd-1 & mid term	https://youtu.be/gwSK_nNvpwM?si=Np9VDmKi03zBy48
4.1	লিঙ্গ বচন ও পুরুষ	ব্যাকরণ	Pd-1 & mid term	https://youtu.be/lefgbCu03s0?si=BHpYeuoCpaDJLQK3
5	প্রফুল্ল	গদ্য	Pd-2 & mid term	https://youtu.be/3dST0AC4k-M?si=GmSliya-vDSBDAAc
6	হাট	পদ্য	Pd-2 & mid term	https://youtu.be/nR0N0A_wGGo?si=CBiO3nb7QZhlmd-r

7	উকিলের বুদ্ধি	SR	Pd-2 & mid term	https://youtu.be/GrGdN59_ZIs?si=5Z3NplTxTjCzcuq
8	উপসর্গ ও অনুসর্গ	ব্যাকরণ	Pd-2 & mid term	https://youtu.be/YchKLIZTJGg?si=CqhhrCXZV6LZONOG
9	সাদা ঘোড়া	গদ্য	Mid term	https://youtu.be/B35fJOEQ3Yk?si=YI570VP19Fk24sYT
10	কুলি মজুর	পদ্য	Mid term	https://youtu.be/iGg1TejuQiY?si=JzZySSa27uc8DvVn
11	ঘনাদা	SR	Mid term	https://youtu.be.com/playlist?list=PL3jgfCOaOtrpne9Q1nPuQbuKYki

				5Y4LUf&si=J-lyqdAH8d31gwnC
12	ধাতু ও ক্রিয়াপদ	ব্যাকরণ	Mid term	https://youtu.be/9f7UJHv6WsA?si=fETAF-2leE5lNhks
13	শুদ্ধ বানান	নির্মিতি	Mid term	https://youtu.be/bGnWaoqPAug?si=Qajf9Vv9VIQFesar
14	পত্র লিখন	নির্মিতি	Mid term	https://youtu.be.com/playlist?list=PLMu2DdfdPEdVCCCqG7x4Xh8TUsB6kvx &si=5M1J7AkDfuj4hRpi

15	অনুচ্ছেদ রচনা	নির্মিতি	Mid term	https://youtu.be/pCxWnGUx158?si=B-B Fr4cLWvm6 YXD
16	বোধ পরীক্ষণ	নির্মিতি	Mid term	
<u>TERM -II</u>				
1	কালাপাহাড়	গদ্য	Pd-3 & Annual term	https://youtu.be/MrWpaysxS0c?si=b45j6e-JKvRBP4SA
2	আবার আসিব ফিরে	পদ্য	Pd-3 & Annual term	https://youtu.be/oVkt3likFzc?si=20GvBflN5_p5Ku6-
3	ঋনং কৃত্বা	SR	Pd-3 & Annual term	https://youtu.be/tQ-N6pBcu1Q?si=xUD5jLaIMDXltiP5

4	ক্রিয়া রূপ	ব্যাকরণ	Pd-3 & Annual term	https://youtu.be/PntSRzu6q-4?si=fk3R80FIP8LwRreP
4.1	অব্যয় সম্পর্কে প্রাথমিক ধারণা	ব্যাকরণ	Pd-3 & Annual term	https://youtu.be/PaEIV10uONE?si=awURtusgO5EHdfiE
5	দেবতার জন্ম	গদ্য	Annual term	https://youtu.be/7g4j6aqFyiE?si=drqllNAQfhK92q6R
6	গণৎকার তারিণী খুড়ো	গদ্য	Annual term	https://youtu.be/CZQoWLO7dlo?si=VR7YZcwjp2mwIEQ9

7	রাখাল ছেলে	পদ্য	Annual term	https://youtu.be/svRjF-FESGU?si=eDJiBMMcckgp9yMv
8	ফসলের ডাক	পদ্য	Annual term	https://youtu.be/cby_9pXEc9Y?si=JcmPEN3NMTsyz8Fb
9	ডাকাতের মা	SR	Annual term	https://youtu.be/Y_ppgfXU9wU?si=V7wwvnZ8tuHTPh
10	বঙ্কুবাবুর বন্ধু	SR	Annual term	https://youtu.be/aj9BpxxUKKY?si=5gNWbSEBkhkdV7jC
11	সমাস	ব্যাকরণ	Annual term	https://youtu.be.com/playli

				st?list=PLOBfcwzd6t4hyCOeF3iHKkS4KPMX9yb9t&si=u5w9DrCAZT0-Fnpl
12	সরল জটিল যৌগিক	ব্যাকরণ	Annual term	https://youtube.com/playlist?list=PLOBfcwzd6t4hyCOeF3iHKkS4KPMX9yb9t&si=u5w9DrCAZT0-Fnpl
13	প্রবাদ	নির্মিত		https://youtube.com/playlist?list=PLf3K-z0EGBm9ziQ8iLtiWiAzlAfoucEaQ&si=EJDIs87G1003G19X

13.1	পত্র লিখন	নির্মিতি	Annual term	https://youtube.com/playlist?list=PLMu2DdfdPEdVCCCqG_7x4Xh8TUsB6kvx_&si=uc4egSYo0tt5x67N
14	অনুচ্ছেদ রচনা	নির্মিতি	Annual term	https://youtube.com/pCxWnGUx158?si=U89nYpbpQkPTB8-o
13	বোধ পরীক্ষণ	নির্মিতি	Annual term	

***SR- Supplementary Reader**

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: 8

SUB: English

NAME OF THE TEACHER: JP

CHAPTER NO.	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCES
1	Bombay ducks, Bombay ducks	Acceptance of realistic aspect of life	Inside question textual grammar and vocabulary	P D 1 and M T	https://youtu.be/C43D_kEFvdk?si=aw8khQivCHzDvTI0
2	The last leaf	Hope sacrifice and the power of faith	Inside questions textual grammar and vocabulary	P D 1 and M T	https://youtube.com/watch?v=4_4rq6qIP-w&feature=shared
	Stopping by Woods on a snowy evening	Beauty of nature and the importance of responsibilities in life	Inside question textual grammar and vocabulary	P D 1 and M T	https://youtu.be/vf-yvXxao18?si=TQfK8qsDdlSaZ-U5
3	Haunted	Ghost stories with an unusual twist	Inside question textual grammar and vocabulary	P D 1 and M T	https://youtu.be/6UVvYRemKTM?si=Yzq48aWf927LkQLA
4	The portrait of a lady	Love affection and strong bond between a grand mother and a grandson	Inside question textual grammar and vocabulary	P D 2 and M T	https://youtube.com/watch?v=jbr_ek-oAwU&feature=shared

	Where The mind is without fear	Freedom knowledge and truth and an ideal Nation	Inside question textual grammar and vocabulary	P D 2 and M T	https://youtu.be/Shww1bZNiQQ?si=VVox6f0nevJ9uV yU
5	The story of my life	Struggle determination and success over difficulties	Inside question textual grammar and vocabulary	P D 2 and M T	https://youtube.com/watch?v=f3wCYkKqLIU&feature=shared
6	Uncle podger hangs a picture	Humour and Chaos caused by overconfidence	Inside question textual grammar and vocabulary	P D 2 and M T	https://youtube.com/watch?v=CKaWmQmxBI8&feature=shared
	Waiting at the window	A child curiosity and imagination about nature	Inside question textual grammar and vocabulary	P D 2 and M T	https://youtu.be/LWGpzPhgx8?si=wxevp6Ryj-zMTs0d
	Save Water	Water conservation	Inside question textual grammar and vocabulary	P D 2 and M T	https://youtube.com/watch?v=KcfBrmdr8Ag&feature=shared
7	The making of a champion	Hard work discipline dedication and determination	Inside question textual grammar and vocabulary	P D 3 and Annual	https://youtube.com/watch?v=r5d1UrtP8WU&feature=shared
8	Pip's adventures	Adventure fear kindness and personal growth	Inside question textual grammar and vocabulary	P D 3 and Annual	https://youtube.com/watch?v=C9oDyLzIFf0&feature=shared

	Leisure	Importance of having leisure time to enjoy nature and life	Inside question and textual grammar and vocabulary	P D 3 and Annual	https://youtu.be/IIDGGAMQfFo?si=Hi5lZr-ObuDymdIE
9	Unusual festivals from around the world	Culture tradition and creativity	Inside question and textual grammar and vocabulary	P D 3 and Annual	https://youtube.com/watch?v=UjZkzX80nJs&feature=shared
10	A tale of two oxen	Friendship and kindness, and cruelty of humans towards animals	Inside question textual grammar and vocabulary	Annual	https://youtube.com/watch?v=CnbuBCLemzc&feature=shared
	O captain! my captain!	Grief and loss and respect for a great leader	Inside question textual grammar and vocabulary	Annual	https://youtube.com/watch?v=KJhM_VsjQxw&feature=shared
11	Stuart little	Adventure courage and search for identity and belonging	Inside questions textual grammar and vocabulary	Annual	https://youtube.com/watch?v=oyH0r9krIk&feature=shared
12	The canterville Ghost	Contrast between tradition and modern thinking	Inside question textual grammar and vocabulary	Annual	https://youtube.com/watch?v=IPYS-ZiEND4&feature=shared
	The night of the scorpion	Superstitions and a mother selfless love and sacrifice	Inside questions textual grammar and vocabulary	Annual	https://youtube.com/watch?v=Js-2mmCvQFI&feature=shared
			Grammar		

<p>Chapter 1 to 10</p>	<p>1)Pronouns: Number, gender and case 2)Adjectives: degrees of comparison 3) Determiners 4) Adverbs: degrees of comparison 5)verbs: finite and non finite 6) Modal verbs 7) subject - verb agreement 8) present Tense 9) Past Tense 10) Future Tense</p>	<p>Using grammatical rules correctly clearly and confidently</p>	<p>Understanding interpreting and improving reading skills</p>	<p>P D 1 and M T</p>	<p>Pronouns: https://youtube.com/watch?v=78Gp_4syzk&feature=shared</p> <p>Adjectives: https://youtu.be/U-8qr_MScDQ?si=ohG6y2F7FtYgn3Q</p> <p>Determiners: https://youtu.be/QC5uEeslGMk?si=fn8ydlf2Y98z5u3L</p> <p>Adverbs: https://youtu.be/rT2E3d8Sddg?si=hfPhlzdDWqfVpohQ</p> <p>Verbs: https://youtu.be/ndGCUgPqUJY?si</p>

					<p>_5Tf12_nqIG5tIrc3</p> <p>Modals: https://youtu.be/zkrp8vJdrRM?si=UCDeFq7hHDe_9FIS</p> <p>Subject Verb Agreement: https://youtu.be/4e5508RP1IE?si=p-SyhNAWAQ5XIGgR</p> <p>Tenses: https://youtu.be/YU3c-gUGAP4?si=JWumtUolrOo2pxEd</p>
Chapter 11 to 15	11) preposition 12) words followed by appropriate preposition	Using grammatical rules correctly clearly and confidently	Understanding interpreting and improving reading skills	P D 2 and M T	<p>Prepositions: https://youtu.be/pgEfayYIHeU?si=oaSWeyjefqJH_oEu</p>

	<p>13) the phrases and clause</p> <p>14) sentences simple compound and complex</p> <p>15) conjunction</p>				<p>Words followed by appropriate preposition: https://youtu.be/kMelmwuioms?si=-lUZF3bpTctVq9gfl</p> <p>Phrases and Clauses: https://youtu.be/xHeeqzmcXyY?si=-mFcDTnWESkEHdv</p> <p>Simple, Compound and Complex sentences: https://youtu.be/loc--PKm3i4?si=ljKdhHtVoF4JOPi</p> <p>Conjunctions: https://youtu.be/QpSqUiyf3TA?si=KRfTSDgTDvpQsmku</p>
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<p>Chapter 16 to 20</p>	<p>16) clauses and kinds of clauses 17) sequence of tenses 18) information of sentences 19) active and passive voice 20) direct and indirect speech</p>	<p>Using grammatical rules correctly clearly and confidently</p>	<p>Understanding interpreting and improving reading skills</p>	<p>P D 3 and Annual</p>	<p>Clauses: https://youtu.be/VfPZB5FLcw0?si=bFvWB-TK8FJDE6Gt</p> <p>Sequence of tenses: https://youtu.be/TLE73W000_c?si=VfJ725vh2uqXJ7Te</p> <p>Transformation of sentences: https://youtu.be/XJi8K8meBdg?si=EAEC-NeZDABQDxLR</p> <p>Active and Passive voice: https://youtu.be/hMIVAzdlJlw?si=TQ-Inf20-ntlYMA</p> <p>Direct and Indirect speech: https://youtu.be/VusV3hftYPg?si=AAjjk9a6JY4Mshz9</p>
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<p>Chapter 21 to 24</p>	<p>21) punctuation 22) vocabulary 23) word building 24) phrasal verbs and idiomatic expressions</p>	<p>Using grammatical rules correctly clearly and confidently</p>	<p>Understanding interpreting and improving reading skills</p>	<p>Annual</p>	<p>Punctuations: https://youtube.com/watch?v=AYMc-DIEkDU&feature=shared</p> <p>Abbreviations: https://youtu.be/hEfS2nPrAyw?si=FFwEYnBLc3eeRjtR</p> <p>Word Building: https://youtu.be/Nlnz0kCzfsE?si=QpPoszMflabj2Ddx</p> <p>Idioms: https://youtu.be/FaNcvCHioRo?si=RNoRRIWJESHAu2Qw</p> <p>Phrasal verbs: https://youtu.be/SjaxMtz90DI?si=iDmAuZTy2PeP2GwW</p>
		<p>Writing skills</p>			
	<p>Paragraph stories Diary entry</p>	<p>Expressing thoughts and ideas clearly</p>	<p>Clear communication better learning</p>	<p>P D 1 and M T</p>	

			and applying studies and daily life		
	Essays	Expressing thoughts and ideas clearly	Clear communication better learning and applying studies and daily life	P D 2 and M T	
	Report Speeches	Expressing thoughts and ideas clearly	Clear communication better learning and applying studies and daily life	P D 3 and Annual	
	Debate Advertisement Comprehension	Expressing thoughts and ideas clearly	Clear communication better learning and applying studies and daily life	Annual	

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

Syllabus for the session 2026- '27

Class: VIII Sub: Health & Physical Education 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

SNPS SYLLABUS 2020-21

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: VIII

SUB: MATHEMATICS

NAME OF THE TEACHER: SANTANU DAS

CH NO.	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAM	DIGITAL RESOURCES
PART-I					
1	A square and a cube(NCERT) & Square and square roots; Cube and cube roots (R.S.Agarwal)	<ul style="list-style-type: none"> Introduction to Squares Properties of Square Numbers Pythagorean Triplets Introduction to Square Roots Finding Square Roots through -Repeated Subtraction, Prime Factorization, Division Method Square Roots of Decimals 	<ul style="list-style-type: none"> Understanding what a square number is . Ending digits, number of zeros at the end, and patterns. Some Interesting Patterns: Adding odd numbers. Squares of numbers ending in 5. Numbers between square numbers. The inverse operation of squaring Applying the division method to decimal numbers. 	PD-I + MT	<ol style="list-style-type: none"> https://youtu.be/7iqAutdX2gs?si=5vsslpyHeYVcH_mK https://youtu.be/3nZvOWZhPjQ?si=8aeAH2aLE0c82AS
2	Power Play (NCERT) & Exponents (R.S.Agarwal)	<ul style="list-style-type: none"> Powers with Negative Exponents Laws of Exponents Expanded Form Standard Form (Scientific Notation) Comparing Very Large and Very Small Numbers 	<ul style="list-style-type: none"> Understanding how to write and evaluate numbers like $a^{-m} = \frac{1}{a^m}$ Applying rules for multiplication, division, and powers of powers (e.g., $a^m \times a^n = a^{m+n}$). 	PD-I + MT	<ol style="list-style-type: none"> https://youtu.be/nfC8ihzSG58?si=LjpuARv5FPUMvai2

			<ul style="list-style-type: none"> Using exponents to write large and small numbers in expanded notation. Expressing very large or very small numbers using powers of 10 		
3	A story of Numbers (NCERT & R.S.Agarwal)	<ul style="list-style-type: none"> Early Counting and Recording Ancient Numeral Systems Number System Concepts The Hindu-Arabic System Representation and Application 	<ul style="list-style-type: none"> One-to-one correspondence using sticks, pebbles, and notches. <u>Tally marks</u> and ancient artifacts (e.g., Ishango and Lebombo bones). Counting sounds and verbal number systems. The invention of digits 0–9. The importance of zero and place value. The Spread of the system from India to the Arab world (Al-Khwarizmi) and Europe. 	PD-I + MT	https://youtu.be/e5dC72LkDEA?si=f51UQwOE0CbS6uMG
4	Quadrilaterals (NCERT & R.S.Agarwal)	<ul style="list-style-type: none"> Basics of Polygons Angle Sum Properties Kinds of Quadrilaterals Elements & Properties of a Parallelogram Special Parallelograms 	<ul style="list-style-type: none"> Definition of a Polygon Classification of polygons (Triangle, Quadrilateral, Pentagon, etc.) Concave vs. Convex polygons Regular vs. Irregular polygons Angle Sum Property of a Quadrilateral Sum of Exterior Angles 	PD-II + MT	https://youtu.be/CB5ARUuGCcl?si=rHlu_imPjDx3xCoQ
5	Number Play (NCERT & R.S.Agarwal)	<ul style="list-style-type: none"> Numbers in General Form Games with Numbers (Number Puzzles) 	<ul style="list-style-type: none"> Two-Digit Numbers: Represented as $(10a + b)$ 	MT	https://youtu.be/eDc9_h5-

		<ul style="list-style-type: none"> • Letters for Digits (Cryptarithms) • Tests of Divisibility • Parity and Patterns 	<ul style="list-style-type: none"> • Three-Digit Numbers: Represented as $(100a + 10b + c)$ • Interchanging Digits • Reversing 2, 3-Digit Numbers • Sum of Consecutive Numbers • Addition Puzzles • Multiplication Puzzles • Divisibility by 10, 5, and 2 		rSs?si=y58tZSltmAPdKin v
6	We distribute, Yet things multiply (NCERT) & Operation on algebraic expression (R.S. Agarwal)	<ul style="list-style-type: none"> • Algebraic Expressions and Identities 	<ul style="list-style-type: none"> • Fundamental Concepts • Addition and Subtraction • Multiplication of Algebraic Expressions • Division of Algebraic Expressions • Standard Identities 	PD-II + MT+ AT	https://www.youtube.com/watch?v=u.be/4k30mRjr_0k?si=ffzmuy7j9NsBlSRq
7	Proportional Reasoning-1 (NCERT) & Proportional Reasoning (Ratio and Proportion)	<ul style="list-style-type: none"> • Direct Proportion 	<ul style="list-style-type: none"> • Concept • Constant of Variation • Unitary Method vs. Proportion Method • Real-life Examples 	PD-II + MT	https://www.youtube.com/watch?v=u.be/JGDF7W0qZsg?si=4a3yWYQ2lebNTlcl
PART-II					
1	Fractions in Disguise (NCERT)	<ul style="list-style-type: none"> • Fundamental Concepts of Fractions 	<ul style="list-style-type: none"> • Types of Fractions: Proper, Improper, 	PD-III + AT	https://www.youtube.com/watch?v=u.be/aB9uH

		<ul style="list-style-type: none"> • Operations on Fractions • Fractions and Percentages • Decimal Fractions • Algebraic Fractions 	<p>Mixed, Like, Unlike, and Equivalent Fractions.</p> <ul style="list-style-type: none"> • Reducing to Lowest/Simplest Form using HCF. • Comparison of Fractions • Reciprocal of a Fraction. • Addition and Subtraction of Fractions • Multiplication and Division of Fractions. • Converting Fractions to Percentages (multiplying by 100). • Place Value of Decimal Fractions • Simplifying Algebraic Fractions using factorisation. 		BGVfSc?si=Fg-mpPKaHLRDWUle
2	The Baudhayana-Pythagoras Theorem (NCERT)	<ul style="list-style-type: none"> • The Baudhayana-Pythagoras Theorem 	<ul style="list-style-type: none"> • Historical Context • Geometric Understanding • Formula & Application • Baudhayana-Pythagoras Triples • Primitive vs. Scaled Triples • Application to Triangles and Squares • Irrational Numbers 	PD-III + AT	https://www.youtube.com/watch?v=LQqkR4LQgw8?si=iyCJzddDw--gSH8H
3	Proportional Reasoning-2 (NCERT)	<ul style="list-style-type: none"> • Inverse Proportion • Real-life Applications • Advanced Applications (Comparing Quantities) 	<ul style="list-style-type: none"> • A relationship where an increase in one quantity leads to a decrease in the other ($xy = k$). • Time and Work problems. • Speed and Distance problems. • Cost and Quantity problems. 	PD-III + AT	https://www.youtube.com/watch?v=oCx6f3wNP1w?si=59XH5jlv4EeaQxVx

			<ul style="list-style-type: none"> Percentages and Ratios Profit, Loss, and Discount 		
4	Exploring Some Geometric Themes (NCERT)	<ul style="list-style-type: none"> Fractals and Self-Similarity Visualising 3D Solids Geometric Properties and Patterns 	<ul style="list-style-type: none"> Introduction to Fractals Fractals in Art & Culture Faces, Edges, and Vertices Nets of Solids Projections Polygons and Angles: Symmetry 	AT	https://youtu.be/LxlCSEiCvw?si=BcaUBy001uJmYloz
5	Tales by Dots and Lines (NCERT)	<ul style="list-style-type: none"> Understanding mean and median through dot plots, analyzing data trends using line graphs, and interpreting information through infographics and structured data 	<ul style="list-style-type: none"> Understanding Data Representation Central Tendency (Mean & Median) Patterns and Structures 	AT	https://youtu.be/RRsfOKXwuu4?si=2avHYxaoQtlt6eV8
6	Algebra Play (NCERT)	<ul style="list-style-type: none"> Number puzzles, number pyramids, divisibility rules, digit arrangements for maximum/minimum products, and creating/solving real-life word problems through algebraic, variable-based methods. [1, 2, 3] 	<ul style="list-style-type: none"> Number Games & Puzzles ("Think of a Number") Algebraic Number Pyramids Divisibility Rules & Number Reversals Logical Puzzles & Digit Manipulation Word Problems and Equation Modelling Calendar Magic Trick 	PD-III + AT	https://youtu.be/GQqQP Y2wEQA?si=NEuPflYvSuQYDUck
7	Area (NCERT)	<ul style="list-style-type: none"> The main topic is Mensuration, focusing on calculating areas of 2D shapes and surface areas/volumes of 3D solids. Key subtopics include area 	<ul style="list-style-type: none"> Area of Plane Figures (2D) Surface Area and Volume (3D) Key Concepts 	AT	https://youtu.be/YpPGXEVOB34?si=di2Y2fKTBSpgfrNS

		of trapeziums, general quadrilaterals, polygons, and surface area/volume of cubes, cuboids, and cylinders.			
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SNPS SYLLABUS 2026-27

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS STRUCTURE

for

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

CHAPTER NO.	CHAPTER NAME	TOPIC	SUBTOPIC	EXAM	DIGITAL RESOURCES
1	Exploring The Investigative World of Science (CHEM)	<ul style="list-style-type: none"> • Introduction to scientific exploration • Invisible forces and their effects • Matter and its properties • Science in our everyday life • The Sky 	<ul style="list-style-type: none"> ✚ Invisible forces like magnetism ✚ Heating effects of electricity ✚ Physical properties like: force and pressure ✚ Light and its interaction with the world ✚ How nature works ✚ Scientific mindset 	PD-I + AT	https://youtu.be/8ddlyWsNY4c?si=U89rMwb5dj6Y-5SR
2	The Invisible Living World: Beyond Our Naked Eye (BIO)	<ul style="list-style-type: none"> • Introduction to cell as the unit of life • Animal and plant cells • Discovery of cell and its various parts • Variety in number, shape and size of cells • Tissues and organs • Living organisms and their groups 	<ul style="list-style-type: none"> ✚ Comparison between animal and plant cell ✚ Microorganisms ✚ Organism habitat and major groups of microorganisms such as: Bacteria, Viruses, Protozoa, Algae, Fungi ✚ Our relation to microorganism ✚ Microalgae 	PD-I	https://youtu.be/wqVQxrz3BCc?si=Zpx_WmYJKCgf6x8x
3	Health: The Ultimate Treasure (BIO)	<ul style="list-style-type: none"> • Introduction to health • Steps to stay healthy • Diseases – its cause and types 	<ul style="list-style-type: none"> ✚ Wellness and unwellness in the light of health ✚ Communicable and non-communicable diseases 	PD-II + MT	https://youtu.be/IK-Aj10_d38?si=sTFFhkzJ7eexBAHi

		<ul style="list-style-type: none"> • Classification of diseases based on the mode of transmission • Prevention and control • Treatment • Antibiotic resistance 	<ul style="list-style-type: none"> ✚ Transmission methods of diseases such as: Air, Food, Water and Insects 		
4	<p>Electricity: Magnetic and Heating Effects</p> <p>(PHY)</p>	<ul style="list-style-type: none"> • Introduction to electricity as a form of energy • Effects of electricity • Batteries • Different kind of cells and their design • Rechargeable batteries 	<ul style="list-style-type: none"> ✚ Heating and magnetic effects of electric current ✚ How do batteries generate electricity? ✚ Voltaic cell and dry cell 	PD-I	https://youtu.be/jWuLyIa8aw?si=VQW-FntYcBv3vz6X
5	<p>Exploring Forces</p> <p>(PHY)</p>	<ul style="list-style-type: none"> • Introduction to force and its nature • Classification of forces • Effects of forces • Friction, its causes and importance • Non-contact forces • Weight • Difference between mass and weight • Floating and sinking 	<ul style="list-style-type: none"> ✚ Push and pull forces ✚ Interaction and forces ✚ Friction and its relation to force ✚ Friction as a necessary evil ✚ Magnetic force, gravitational force, electrostatic force ✚ Measurement of weight 	PD-II + AT	https://youtu.be/i5YIeztwK8Y?si=lzNXz5buiYvXyk66
6	<p>Pressure, Winds, Storms and Cyclones</p> <p>(PHY)</p>	<ul style="list-style-type: none"> • Introduction to certain natural phenomena • Wind and atmospheric pressure • Scientific basis of the natural phenomena 	<ul style="list-style-type: none"> ✚ Define pressure ✚ Pressure exerted by fluids ✚ Effects of atmospheric pressure ✚ Storms, cyclones, thunderstorms and lightning ✚ Protection during cyclones 	PD-III	https://youtu.be/4xyzArBSQxs?si=CxaMuVENFENAHaQM

			<ul style="list-style-type: none"> ✚ Destruction caused by the natural disasters 		
7	<p>Particulate Nature of Matter</p> <p>(CHEM)</p>	<ul style="list-style-type: none"> • Introduction to composition of matter • Composition of states of matter • Interparticle space across three states of matter • Nature of movement of particles in different the three states 	<ul style="list-style-type: none"> ✚ Solid, liquid and gas ✚ How inter particle space is an identification of the states of a matter 	PD-II + MT	https://youtu.be/yGYj-k7SNlo?si=QV06kr4Z3AzMABYL
8	<p>Nature Of Matter: Elements, Compounds and Mixtures</p> <p>(CHEM)</p>	<ul style="list-style-type: none"> • Introduction to mixtures • Types of mixtures • Air as a mixture • Pure substances • Difference between mixtures and compounds • Elements and minerals 	<ul style="list-style-type: none"> ✚ Pure substances ✚ Use of compounds, elements and mixtures ✚ Importance of minerals 	PD-III + AT	https://youtu.be/4RSvDx7eln4?si=dYxlcG5dYOnxXUDx
9	<p>The Amazing World of Solutes, Solvents and Solutions</p> <p>(CHEM)</p>	<ul style="list-style-type: none"> • Introduction to solutes, solvents and solutions • Types of solution • Solubility • Density, relative density and factors affecting density • Determination of density: Mass, volume • Measurement of volume of solids 	<ul style="list-style-type: none"> ✚ Floating and sinking of objects in the light of density of objects ✚ Defining density in solutions 	MT + AT	https://youtu.be/YGxaeZCZu4k?si=LhQt2h1JySzh9Yj
10	<p>Light: Mirrors and Lenses</p>	<ul style="list-style-type: none"> • Introduction to the nature of light 	<ul style="list-style-type: none"> ✚ A brief discussion on plane mirrors 	MT + AT	https://youtu.be/8HrIXJ18PsM?si=liz

	(PHY)	<ul style="list-style-type: none"> • Light as the central factor of visibility • Various types of mirrors • Laws of reflection 	<ul style="list-style-type: none"> ✚ Spherical mirrors: convex mirror, concave mirror ✚ Usage of mirrors ✚ Lenses: concave and convex ✚ Image formation using lenses ✚ Nature of mirrors and lenses ✚ Usage of various lenses in everyday life ✚ Magnifying glass 		z8ulh8mEdF1 7v
11	Keeping Time with The Skies (PHY)	<ul style="list-style-type: none"> • Moon and its phases • Unit of time • Calendars • Astronomical events • Artificial satellites 	<ul style="list-style-type: none"> ✚ Moon as natural satellite ✚ Identifying the eight phases of moon ✚ Lunar, solar, luni-solar calendars ✚ Indian national calendar ✚ Festivals linked to astronomical events ✚ Qualitative discussion on artificial satellites 	AT	https://youtu.be/w8jxGnbq5Y?si=8Vt28X00_tc_aTAbH
12	How Nature Works in Harmony (BIO)	<ul style="list-style-type: none"> • Introduction to the harmonious works of Nature • Habitat and its types • Population and community • Interactions in Nature • Ecosystem 	<ul style="list-style-type: none"> ✚ Abiotic and Biotic interactions ✚ Types of biotic interactions ✚ Food chain and food web ✚ Trophic level ✚ Benefits of ecosystem and its destruction ✚ Threats to ecosystem 	MT + AT	https://youtu.be/8AeuqbCjuHg?si=Wt66wM1qyFbMtyM5
13	Our Home: Earth, A Unique Life Sustaining Planet	<ul style="list-style-type: none"> • Introduction to Earth • Life on Earth and its sustenance 	<ul style="list-style-type: none"> ✚ Uniqueness of Earth ✚ Planets of the solar system and introducing Earth as a part of it 	AT	https://youtu.be/T2DMq6_OBwK?si=

(BIO)

- Discussion on types of reproduction
- Threats to life on Earth

- ✚ Reason of existence of life on Earth
- ✚ Asexual and sexual reproduction
- ✚ Identifying the various threats to life on Earth

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

SNPS SYLLABUS 2026-27

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: VIII SUB:ARTIFICIAL INTELLIGENCE

NAME OF THE TEACHER:SUAMNA MANDAL & SUVAS LOHAR

CHAP TER NO.	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCES
1	Artificial Intelligence : Excite	<ul style="list-style-type: none">• Introduction• Components of AI• Types of AI• Features of AI• Applications of AI• Human Machine Interactions• Domains of Artificial Intelligence	Components of AI, learning, problem solving, types of AI, features of AI, application of AI in daily life, domains of AI	MID TERM	Class 8 Artificial Intelligence (New Session 2023-24) Complete CBSE Course All Topics Available - YouTube
2	AI: Relate & Purpose	<ul style="list-style-type: none">• Introduction• Smart Living• Sustainable Development• Sustainable Development Goals	Smart living, some features of AI, some features of smart home, sustainable	MID TERM	

			development, sustainable development goals		
3	AI: Possibilities	<ul style="list-style-type: none"> • Introduction • Skills in AI • Career Opportunities in AI 	Skill in AI, soft skill, operative skill, technical skill, coding, mathematical skills, career opportunities in AI	MID TERM+ANNUAL TERM	
4	AI: Ethics	<ul style="list-style-type: none"> • Introduction • Ethical issues surrounding AI 	Some ethical resource surrounding AI, unemployment, biasness, uncontrolled AI machine	MID TERM	
5	Cyber Security	<ul style="list-style-type: none"> • Introduction • Types of Cyber Crime • Cyber Threats Symptoms & Harms • Prevention of Virus • Netiquettes 	Types of cyber crime, cyber bullying, cyber trolling, cyber threats, malware, virus, worms, Trojans, spyware, program file virus, prevention of	ANNUAL TERM	Cyber Security ONE SHOT 2025-26 (By Pragya Ma'am) - YouTube

		<ul style="list-style-type: none"> • Cyber Security • Cyber Laws 	<p>virus, netiquettes, firewall, password, cyber laws</p>		
6	Coding in Python	<ul style="list-style-type: none"> • Introduction • Working in Python • Character Set • Tokens • Variables • Data types • Layout of Python Program • Input Statement 	<p>Some features of python programming language, installing python in computer, interactive mode, script mode, character set, tokens, keyword, identifiers, operators, data types, numbers string, lists, tuple, documentation section, declaration section, code section</p>	MID TERM	<p>https://youtu.be/vLqTf2b6GZw?si=spf_bOT_7_v93VpR</p>

7	Decision Making in Python	<ul style="list-style-type: none"> • Introduction • If statement • If else statement • If elif else statement • Decision Making with Logical Operators 	If statement, if-else statement, if-elif-else statement, decision making with logical operator	ANNUAL TERM	
8	Looping in Python	<ul style="list-style-type: none"> • Introduction • While Loop • For Loop 	While loop, for loop ,illustration explanation	ANNUAL TERM	
9	Data Science	<ul style="list-style-type: none"> • Introduction • Sources of Data • Categories of Data • Purpose of Data Science • Careers in Data Science • Data Visualization • Elements of Data Science • Applications of Data Science • Analytics on Text Data 	<p>Source of data, categories of data: quantitative data, qualitative data,</p> <p>Purpose of data science, career in data science, data visualization, chart, line chart, bar chart, pie chart, importance of data science,</p>	ANNUAL TERM	https://youtu.be/txwERF6U588?si=YKcjOpwttfwRUu4

		<ul style="list-style-type: none">• Analytics on Image Data• Data Science & Artificial Intelligence	application of data science		
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SNPS SYLLABUS 2026-27

ST. NICHOLAS PUBLIC SCHOOL, GARHBETA

SYLLABUS FOR THE SESSION 2026- '27

CLASS: VIII

SUB: GK

NAME OF THE TEACHER:

UNIT NO.	CHAPTER NAME	TOPIC	SUB TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCES
1	Flora and fauna			MT	1. 2.
2	Glorious India			MT	1. 2.
3	World around			MT	1. 2.
4	Science and technology			MT	1. 2.
5	Sports world			MT	1. 2.
6	Entertainment world			AT	1. 2.
7	Language and literature			AT	1. 2.
8	Current affairs			AT	

9	Miscellaneous			AT	
10	Logical reasoning			AT	

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SYLLABUS FOR THE SESSION 2026- '27

CLASS: VIII

SUB: ART & CRAFT

NAME OF THE TEACHER: AP

CHAPTER NO.	CHAPTER NAME	TOPIC	NAME OF EXAMINATION	DIGITAL RESOURCES
1	Object Drawing	Household	Mid-term	1. https://youtube.com/shorts/glylzYMYvTE?si=GwFU6p8x6QbuKYuM
2	Object Drawing	Still Life (Pencil)	Mid-term	1. https://youtube.com/shorts/glylzYMYvTE?si=GwFU6p8x6Q
3	Object Drawing	Still Life (Pen-Ink)	Mid-term	1. https://youtube.com/yDkLMpsN3lw?si=m_qXtDcUYrii0Q2B

4	Object Drawing	Still Life (Pencil Shading)	Mid-term	1. https://youtu.be.com/shorts/glylzYMYvTE?si=GwFU6p8x6Q
5	Object Drawing	Still Life (Wash Technique)	Mid-term	1.
6	Object Drawing	Still Life (Water colour)	Mid-term	1.
7	Life Study	Head Study	Mid-term	1. 2.
8	Life Study	Head Study	Mid-term	
9	Life Study	Arms Study	Mid-term	
10	Life Study	Legs and Feet	Mid-term	
11	Life Study	Masses and Movements of the Body	Mid-term	
12	Life Study	Human Anatomy	Mid-term	
13	Life Study	Figure Drawing	Mid-term	
14	Life Study	In the Street	Mid-term	
15	Life Study	Potter	Mid-term	

16	Life Study	Light Effects on Face -	Mid-term	
17	Life Study	Facial Expressions (Pencil)	Mid-term	
18	Life Study	Facial Expressions	Mid-term	
19	Life Study	Face Study (Pencil)	Mid-term	
20	Life Study	Portrait (Monochrome Technique)	Mid-term	
21	Life Study	Lady (Pencil)	Mid-term	
22	Life Study	Musician (Pencil)	Mid-term	
23	Life Study	Square up Method	Mid-term	
24	Life Study	Portrait (Transparent Colours)	Mid-term	
25	Life Study	Portrait (Poster Colours)	Mid-term	
26	Life Study	Portrait (Water Colours)	Mid-term	

27	Our Traditions	Festival (Diwali)	Annual-term	
28	Our Traditions	Festival (Pongal) -	Annual	
29	Nature	Flower (Ink-Pen)	Annual	
30	Nature	Flowers (Without Drawing)	Annual	
31	Nature	Landscape (Ink-Pen),	Annual	
32	Nature	Landscape (Transparent Colours)	Annual	
33	Nature	Landscape (Rajasthan)	Annual	
34	Nature	Landscape (Wooden Stick Painting)	Annual	
35	Animal Drawing	Animals (Brush)	Annual	
36	Animal Drawing	Herd (Monochrome Technique)	Annual	
37	Animal Drawing	Tiger	Annual	
38	Animal Drawing	Bird (Ink-pen)	Annual	

39	Animal Drawing	Bird (Brush and Ink)	Annual	
40	Calligraphy	Capital Letters	Annual	
41	Calligraphy	Small Letters	Annual	

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SYLLABUS FOR THE SESSION 2026-27

CLASS: VIII

SUB: SOCIAL SCIENCE TEACHERS: SC & DM

SL NO	CHAPTER NO.	CHAPTER NAME	TOPIC	SUBTOPIC	NAME OF EXAMINATION	DIGITAL RESOURCE
1	1.	INTRODUCTION: HOW ,WHERE, WHEN (HISTORY)	<ul style="list-style-type: none">• IMPORTANCE OF DATES• WHAT IS RECORDS	<ul style="list-style-type: none">• IMPORTANCE OF DATES• PERIODISATION• COLONIALISM• ADMINISTRATION• IMPORTANCE OF SURVEY• OFFICIAL RECORDS	PD1+ MT	https://youtu.be/k4Rf3Khj0KQ?si=s8wR3hl6e71W-W34

2	2.	FROM TRADETON TERRITORY	<ul style="list-style-type: none"> • EIC COMES EAST • EIC BEGINS TRADE IN BENGAL • COMPANY RULE EXPANDED • SETTING UP NEW ADMINISTRATION 	<ul style="list-style-type: none"> • HOW TRADE LETT OBATTLE • BATTLE OF PLASSEY • COMPANY OFFICIALS BECOME AWA BABS • COMPANY RULE EXPANDS • TIPU SULTAN • WAR WITH MARATHA • PARAMOUNT COMPANY • DOCTRINE OF PLASSEY • COMPANY ARMY 	PD1+ MT	<p>PART-I:</p> <p>https://youtu.be/qvMoCnufO5k?si=VYYF9mg_WRFbwgWQ</p> <p>PART-II:</p> <p>https://youtu.be/ssnFJwg2MwA?si=gMjOrLP8p0oNE2E9</p>
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