

Guru Gobind Singh Public School

Bokaro /Chas/Dhanbad



Syllabus

2025 – 26

Class: VIII

GURU GOBIND SINGH PUBLIC SCHOOL

SPLIT UP SYLLABUS OF SESSION 2025-26

CLASS- VIII

SUBJECT: ENGLISH

Prescribed Books

1. New Mulberry Course
2. Oxford Learner's Grammar and Composition

Publisher

Oxford

Oxford

Month	Working Days	Chapter/Topics	Project / Activity	Periodic Test
April	17	Literature L-1 The Why - Why Girl P-1 Lines Composed in a Wood on a Windy Day Grammar- Subject verb Agreement, Phrase and Clause, Sentence and it's Kinds Writing- Informal Letter		Periodic Test-1 * Informal Letter * Subject verb Agreement * Unseen Passage
May & June	07+12	Literature L-2 Grandfather and the python L-3 Michelangelo P-2 The Hero Grammar- Determiners, Error Correction Writing- Notice	Art Integrated Project- Prepare a portfolio of "The Hero" Of your life whom you admire the most	
July	24	Literature L-4 The Enchanted Pool L-5 March Grammar- Modals, Tenses Writing- Diary Entry		Periodic Test-2 * L-2 Grandfather and the python * L-3 Michelangelo * Determiners * Notice
August	21	Literature P-3 La Visita L-6 The Bishop of Digne Grammar- Punctuation, Voice Writing- Story Writing	Prepare a chart of Punctuation Marks with their uses and examples.	Periodic Test-3 * P-2 The Hero * L-4 The Enchanted Pool * Unseen Passage * Voice * Diary Entry
September	07	Revision and Half Yearly Exam		
October	13	Literature L-7 The Prize Poem P-4 I Wandered Lonely as a cloud Grammar- Preposition, Adverb Writing- Formal Letter	Prepare a magazine with the following content: 1. Story (Self creation) 2. Poem (Self Creation) 3. Poster- self awareness	
November	17	Literature L-8 The Dying Detective L-9 Rules of the Game Grammar- Conjunction Writing- Descriptive Paragraph (Person and Place)		Periodic Test-4 * L-7 The Prize Poem * P-4 I Wandered Lonely as a cloud * Preposition * Adverb * Formal Letter
December	19	P-5 A Brave and Startling Truth L- 10 After Twenty Years L-11 Engine Trouble Grammar- Reported Speech		

January	14	P-6 Going Down Hill on a Bicycle L-12 King Lear Grammar- Error correction Writing- Poster		
February	05	Revision and Annual Exam		

Annual Portion - Syllabus from October to February including 30% from Half yearly portion ie. Subject Verb Agreement, Determiners, Modals, Voice, Diary Entry. .



SUBJECT:-HINDI
SYLLABUS SESSION 2025-2026

BOOKS PRESCRIBED :-

1:- शिखर भाग- 8

2:- भारत की खोज

3:- आओ व्याकरण सीखें 8

Month's Name	No. of working days	Chapter ./ Topic	Project/ Assignment	Periodic test portion
अप्रैल	17	शिखर पाठ 1 कोई नहीं पराया, (कविता) पाठ 2 नेकी बनी बदी (कहानी) भारत की खोज-पाठ--2 तलाश व्याकरण- भाषा,वर्ण विचार, पत्र लेखन (औपचारिक,अनौपचारिक)	पत्र लेखन- औपचारिक पत्र, अनौपचारिक पत्र	
मई	07	शिखर पाठ 3- सभ्य बनने की सनक (संस्मरण) स्वच्छता अभियान (केवल पठन के लिए) व्याकरण- संज्ञा,लिंग, वचन	अनुच्छेद लेखन	
जून	12	शिखर पाठ4-अपराजिता (कहानी) पाठ 5-गजानंदन लाल पहाड़ चढ़े (कहानी) खुशी का खज़ाना--हंसी (केवल पठन के लिए) व्याकरण- सर्वनाम,कारक	“मेरा भारत महान” यह वाक्य भारत के किन्हीं पांच भाषाओं में लिखें।	Monday Test Portion 1st शिखर पाठ 1 कोई नहीं पराया (कविता) पाठ 2 नेकी बनी बदी व्याकरण भाषा पत्र लेखन
जुलाई	24	शिखर पाठ6-हींगवाला (कहानी) पाठ7-रावण-वध (नाटक) पाठ8-थोड़ी धरती पाऊं (कविता) व्यापारी का तराजू (चित्र कथा) केवल पठन के लिए भारत की खोज 3--सिंधु घाटी सभ्यता व्याकरण- क्रिया, विशेषण, पर्यायवाची शब्द एवं विलोम शब्द , अपठित गद्यांश	कलिंग विजय एवं सम्राट अशोक के जीवन में घटने वाली घटनाओं को क्रमवार ढंग से प्रस्तुत करें (A4 साइज पेपर में)	Monday Test Portion 2nd पाठ 6 हींगवाला पाठ 7 रावण-वध व्याकरण: विशेषण,पर्यायवाची शब्द, विलोम शब्द
अगस्त	21	शिखर पाठ 9 नए टापू की खोज (खोज -जानकारी) पाठ 10 प्रकृति का सानिध्य (निबंध) कागज़ करे पुकार (केवल पठन के लिए) भारत की खोज : सिंधु घाटी सभ्यता व्याकरण- अपठित पद्यांश, अनेक शब्दों के लिए एक शब्द		
सितम्बर	07	पुनरावृत्ति कार्य अर्धवार्षिक परीक्षा		

अक्टूबर	13	शिखर पाठ 11 कलिंग विजय (ऐतिहासिक नाटक) 12 दादा साहब फाल्के (व्यक्तित्व) जंगल और हम (केवल पठन के लिए) भारत की खोज 6- अंतिम दौर - एक व्याकरण- क्रिया विशेषण एवं उसके भेद	भारत के प्रतिष्ठित पुरस्कार एवं सम्मान से संबंधित जानकारी विस्तार पूर्वक प्राप्त कीजिए।	Monday Test Portion 3rd पाठ 11 कलिंग विजय पाठ 12 दादा साहब फाल्के क्रिया-विशेषण, पत्र लेख
नवम्बर	17	शिखर पाठ 13 अनुभव से सीख (प्रेरक व्यक्तित्व) पाठ-14 आइंस्टीन का बड़प्पन (प्रेरक प्रसंग) भारत के प्रतिष्ठित पुरस्कार एवं सम्मान (केवल पठन के लिए) भारत की खोज 7-अंतिम दौर - दो व्याकरण- मुहावरे, पत्र लेखन, अपठित पद्यांश	पोलियो उन्मूलन अभियान क्या है? संक्षिप्त विवरण दें।	
दिसम्बर	19	शिखर पाठ-15 सच्ची मित्रता (पद्य) झांकी हिंदुस्तान की (केवल पठन के लिए आनंददायी पठन) भारत की खोज: 8-तनाव, 9- दो पृष्ठभूमियाँ (भारतीय और अंग्रेजी) व्याकरण- उपसर्ग,		Monday Test Portion 4th पाठ 13 अनुभव से सीख पाठ 15 सच्ची मित्रता व्याकरण: उपसर्ग, मुहावरे, अपठित पद्यांश
जनवरी	14	शिखर पाठ 16 प्राणी वही प्राणी है (कविता) हाथ से हाथ मिलाओ (केवल पठन के लिए) भारत की खोज -प्रश्न उत्तर व्याकरण- प्रत्यय		
फरवरी	05	पुनरावृत्ति कार्य वार्षिक परीक्षा		

ANNUAL EXAMINATION

Note: 30% of 1st term covering significant topics:

पाठ्य पुस्तक: शिखर हिंदी की पाठ्यपुस्तक

पाठ 5: गजनंदन लाल पहाड़ चढ़े (कहानी)

पाठ 8: थोड़ी धरती पाऊं (कविता)

पाठ 10: प्रकृति का सन्निध्य (निबंध)

लेखन :

* पत्र लेखन

* अनुच्छेद लेखन

* अपठित गद्यांश

व्याकरण :

वार्षिक परीक्षा में संपूर्ण व्याकरण सम्मिलित है।

संस्कृत पाठ्यक्रम 2025-2026
कक्षा-अष्टमी

पाठ्यक्रमानुसार निर्धारित पाठ्य पुस्तकें

1. सुबोध संस्कृत माला पाठ्य पुस्तकं भाग-4 (सोवेनीर (SOUVENIR) पब्लिकेशंस प्रा0 लि0)
2. मणिका संस्कृत व्याकरण (सरस्वती पब्लिकेशन)

पाठ्यक्रम का मासिक विभाजन:-

अप्रैल (17) : पाठ्यपुस्तकात्-

पाठ: 1 - प्रार्थना, पाठाभ्यासम्

पाठ: 2 - जन्तुशाला पाठाभ्यासम्

व्याकरणानि : स्वर सन्धि - दीर्घ, गुण, वृद्धि,
अपठित गद्यांशम्, पत्रलेखनम्, चित्र लेखनम्, संख्या 1-50, (1-4) तक की संख्याओं
का तीनों लिंगों में वाक्य प्रयोग शब्दरूपाणि लतावत्, बालकवत्, फलवत्,
सर्वनाम शब्दरूपाणि-अस्मद् युष्मद्। तद् किम् (त्रिषु-लिङ्गेषु)
धातु-रूपाणि-दृश,अस्, गम, पठ् लट्, लृट्, लङ् लकारे,
कारकप्रकरणात्, सामान्य तथा उपपद विभक्ति एवं वाक्य प्रयोग,
संवाद लेखनम्

मई (07) : व्याकरणानि : समयलेखनम्, अव्ययप्रकरणम्।

पाठ: 3 : सुभाषितानि पाठाभ्यासम्

पाठ: 4 : दुर्बुद्धिः विनश्यति पाठाभ्यासम्

गतिविधि कार्यम्

गतिविधि कार्यम् -(1) संख्यावाची 1-4 तक का पुलिङ्ग, स्त्रीलिङ्ग, तथा नपुंसकालिङ्ग
के आधार पर तालिका बनायें,

(2) घटिकां दृष्ट्वा समय निर्धारणम्

परियोजना कार्यम्

परियोजना कार्यम् - झारखण्ड राज्यं तेलगानां राज्यं " भोजनम् कला संस्कृति विषये
तुलनात्मकं अध्ययनम्"।

जून (12) : पाठ: 5 : त्रयः प्रश्नाः

व्याकरणानि : प्रत्ययाः-क्त्वा, ल्यप्, तुमुन् उदाहरणानि (वाक्यप्रयोगाः)

प्रथम समसामयिकी परीक्षा -

पाठ 1. प्रार्थना,

पाठ 2. जन्तुशाला, व्याकरणात्-संख्या (1-4 पर्यन्तं)

समय लेखनं, संवादलेखनं, प्रत्यय (क्त्वा, तुमुन्, ल्यप्)
अभ्यासकार्यम्।

जुलाई (24): पाठ: 6 : देशरत्न डा0 राजेन्द्र प्रसाद

पाठ: 7 : गीतामृतम् पाठाभ्यासम्

व्याकरणानि : उपपदविभक्तिभिः 1. द्वितीया - उभयतः सर्वतः, अभितः
परितः, प्रति, विना, समया, नम्,
2. तृतीया - सह, विना, अलम्, येनाङ्गविकारः, हीनः
3. चतुर्थी - नमः, अलम्, क्रुध्, दा, कुप्, रुच्,

अगस्त (21):पाठ: 8	:	व्यायाम: पाठाभ्यासम्
पाठ: 9	:	वीराङ्गना लक्ष्मीबाई पाठाभ्यासम्
व्याकरणानि	:	अपठित गद्यांश, पत्रलेखनम्, चित्रवर्णनम्।
द्वितीय समसामयिकी परीक्षा		
पाठ – 5 त्रयःप्रश्नाः,पाठ 8 व्यायामः		
व्याकरणात् –		धातुरूपं, शब्दरूपं,उपपदविभक्तिः, पठितं अवबोधनम्।
सितम्बर (07)	:	पुनरावृत्ति कार्यम् तथा अर्द्धवार्षिक परीक्षायाः शुभारम्भः।
अक्टूबर (13):पाठ: 10:महाराणा प्रतापपाठाभ्यासम्		
पाठ: 11	:	भोजनम् शरीर-रक्षकम् (केवलं आन्तरिक मूल्यांकनाय)
व्याकरणानि	:	उपपदविभक्तिविभिः—
		1. पञ्चमी – ऋते, बहिः, भी, रक्ष
		2. षष्ठी – अधः, उपरि, पुरतः, वामतः, दक्षिणतः
		3. सप्तमी – कुशलः, स्निह, विश्वस्, निपुण
		प्रत्ययाः – क्त्वा, ल्यप्, तुमुन्, अव्यय
		प्रकरणम्, समय लेखनम्
नवम्बर (17): पाठ: 12	:	त्रयोः धूर्ताः पाठाभ्यासम्
पाठ: 13	:	विद्या राजसु पूजिता पाठाभ्यासम्
व्याकरणानि	:	स्वरसन्धि-दीर्घ, गुण, वृद्धिः, अपठितगद्यांश, पत्रलेखनम्, चित्रलेखनम् संस्कृतेन अनुवादम्, संख्यावाची शब्दाः
		एकतः चतुर्पर्यन्तम् त्रिषु लिङ्गेषु,
तृतीय समसामयिकी परीक्षा –		
पाठ –10 महाराणा प्रतापः,		
पाठ 12 त्रयोः धूर्ताः पाठाभ्यासम्		
व्याकरणात्— अपठित अवबोधनं,चित्रलेखनम्		
अव्ययप्रकरणम्, समयलेखनम् चं		
दिसम्बर (19):पाठ: 14	:	श्लोकस्तबकम् पाठाभ्यासम्
पाठ: 15	:	भगवान् बुद्ध पाठाभ्यासम्
व्याकरणानि	:	शब्दरूपाणि – लतावत्, बालकवत्
		फलवत्, सर्वनामशब्दाः—तत्, किम्
		(त्रिषु लिङ्गेषु), धातुरूपाणि—पठ्, दृश्, नम्, खाद्
		(त्रिषु लकारेषु),
जनवरी (14): पाठ: 16	:	सर्वोत्तमः वरः पाठाभ्यासम्
व्याकरणानि	:	उपसर्गाः— अपठित गद्यांशं, चित्रलेखनम्, पत्र-लेखनम्, संवाद लेखनम् । पुनरावृत्ति कार्यम्
		संख्या (1-4 त्रिषु लिङ्गेषु, तथा 1-50, समय लेखनम्, अव्यय-प्रकरणम्, सन्धि (दीर्घ)
चतुर्थ समसामयिकी परीक्षा – पाठ 13.विद्या राजसु पुजिता,		
पाठ16 सर्वोत्तमःवरः,व्याकरणात्—धातुरूप,संख्या(1-4), प्रत्यय		
(क्त्वा,ल्यप्,तुमुन्), संधि (पाठात्) पठितं गद्यांशं/पद्यांशं।		
फरवरी (05)	:	पुनरावृत्ति कार्यम् तथा वार्षिकपरीक्षायाः शुभारम्भः।

Subject: Mathematics

PRESCRIBED BOOK : 1. Mathematics for Class VIII (NCERT)

2. Mathematics Lab Manual Class VIII (JAINCO PUBLISHERS)

REFERENCE BOOK: Mathematics For Class 8 (Bharti Bhawan, R S Aggarwal)

Syllabus for the year – (2025-26)

Months Name	No. of working days	Chapter	Content	Activity	Period Portion
April	17	Ch.1 Rational Numbers Ch.2 Exponents Ch.3. Squares and Square Roots	a. Introduction to Rational Numbers b. Properties and Operations of Rational Numbers c. Representation of Rational Numbers on Number Line d. Finding a rational number between two given rational numbers. e. Word problems of rational numbers. a. Introduction b. Powers with Negative Exponents c. Expanded Form of a Decimal using Exponent d. Laws of Exponents e. Standard Form f. Comparing very large and small numbers in exponents a. Introduction Properties of square numbers. b. Find the square of a number and other pattern c. Pythagorean Triplet d. Alternate Methods of Squaring Numbers e. Prime factorisation and division method f. Approximate Values of Square roots by Long division method g. Word problems	Represent Rational Numbers on number Line.	Dt.28.4.25 PT 1 PORTION - Rational numbers , Exponents
May	07	Ch.4 Cubes and Cube Roots	a. Introduction b. Cubes and Patterns c. Finding of cube roots with Prime factorisation Method		
June	12	Ch.6 Operations on Algebraic expressions	a. Operation on Algebraic Expression b. Some Special Products (by using Identities)		
July	24	Ch.7. Factorisation	a. Method of common factors b. Factorisation using Identities c. Factors of the form $(x+a)(x+b)$	To verify the algebraic identities By paper cutting and pasting.	Dt. 21.07.25 PT 2 PORTION - Ch.3.

		Ch.8 Linear Equations	d. Division of algebraic expression a. Introduction b. Solving equation having linear expressions on one side and application c. Solving Equations having the variable on both sides d. Transposing Method e. Word Problems	$(a + b)^2 = a^2 + b^2 + 2ab$ To verify the Algebraic identities $(a + b)^3 = a^3 + b^3 + 3a^2b + 3ab^2$.	Squares and Square Roots, Operations on Algebraic expressions, Factorization
August	21	Comparing Quantities Ch.9Percentage, Ch.10 Profit and loss Ch.21.Data Handling Ch.24 Pie charts, Ch.25.Probability	a. Recalling Ratios and Percentages b. Estimating in percentages c. Profit and Loss d. Sales Tax/ Value Added Tax a. Introduction b. Graphical Representation of Data - Bargraph c. Construction of pie-charts d. Events, Word problems		
September	07	REVISION			
Half Yearly Exam					
October	13	Ch.12Direct and Inverse Proportions Ch.13Time and work Ch. 11. Compound interest Ch.14.Polygons Ch.15.Quadrilaterals, Ch.16 Parallelograms	a. Introduction b. Word problems based on Direct and Inverse Proportion c. Time and work a. Finding out CI by using formula b. Introduction c. Polygons, Classification of polygon, Concave and convex polygons, Angle sum property d. Kinds of Quadrilaterals e. Word Problems	Activity: To verify that the sum of exterior angles of a polygon is 360° . Diagonals of rhombus and parallelogram are not equal	Dt.6.10.25) PT 3 PORTION- Direct and inverse proportion
November	17	Ch.17 Construction of Quadrilaterals Ch.18 Area of a Trapezium and a Polygon, Ch.19. Three dimensional figures	a. Introduction b. Constructing a Quadrilateral a. Introduction b. Identifying and matching pictures c. Drawing 2D representing of 3D pictures d. Euler's Relationship Integers as Exponents	1.Explore the relation between i. length and perimeter ii.length and area.	
December	19	Ch.20 Volume and Surface Area of Solids	a. Introduction b. Area of rectilinear figures c. Surface area and volume of cube and cuboid d. Surface area and volume of	To make cubes and cuboids of given dimensions using unit cubes and calculate the volume of each.	Dt.8.12.25) PT 4 PORTION - Polygons, Quadrilaterals

			a right circular cylinder	Construct a cylinder with the help of plane sheet.	als, Parallelograms
January	14	Ch.5 Playing with Numbers Ch.22 Introduction to Coordinate Geometry Ch.23 Line Graphs and linear graphs	a. Introduction b. Numbers in General Form c. Divisibility Test d. Word problems a. Introduction b. Axis system (Cartesian system) c. Plotting points for different situations d. Reading of linear graphs	Draw the line graph between circumference of circle and its area.	Dt.19.1.26) PT 5 PORTION - Area of a Trapezium and a Polygon, Volume and Surface Area of Solids
February	05	Revision and Annual Examinations			

Half Yearly Examination Portion – Chapters 1, 2,3,4,6,7,8,9, 10, 21, 24,25

For Annual Examination

Name of Chapters from Half Yearly Portion coming in Annual Exam

Ch-8 Linear equation in one variable

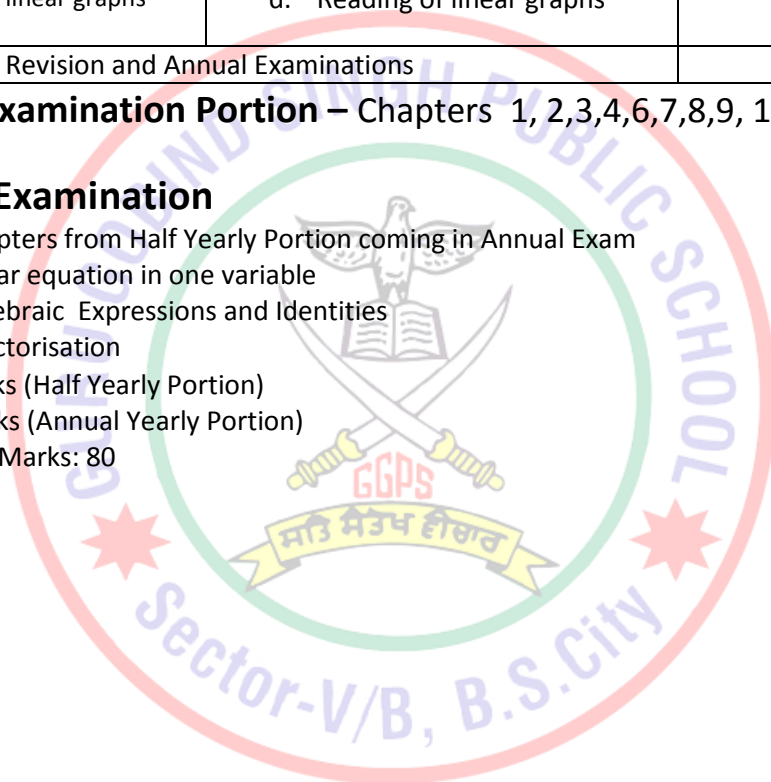
Ch- 6 Algebraic Expressions and Identities

Ch – 7 Factorisation

Note: 30% Marks (Half Yearly Portion)

70% Marks (Annual Yearly Portion)

Full Marks: 80



Class VIII

Subject : Physics

Prescribed Books

Science Booster class 8

Publisher: Srijan Publication P Ltd.

Syllabus for the whole year

1. Force and Pressure (Chapter 8)
2. Friction (Chapter 9)
3. Sound (Chapter 10)
4. Some Natural Phenomena (Chapter 12)
5. Light (Chapter 13)

MONTH WISE SYLLABUS BREAK – UP

SESSION: 2025 – 26

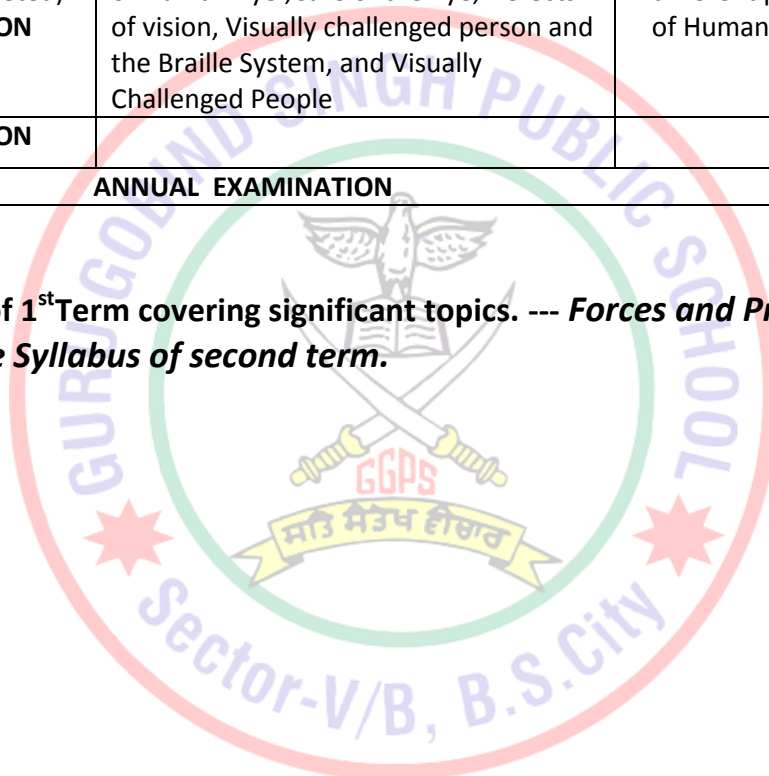
Month's Name	No. of Working days	Chapter/Topic	Content/Sub Topic In detail	Experiment/Project /Activity	Periodic Test Portion
April	17	Ch :8 Force and pressure	Force; Effects of Force; How is a force caused - Interaction of two bodies ? What happens when more than one forces act on a body ? Types of force: Muscular Force, Frictional Force, Magnetic Force, Electrostatic Force and Gravitational Force ; Pressure	1. To show the effect of force on the shape of different objects. 2. To study the effect of magnet on different material. 3. To know the effect of gravitational force by using a spring balance. 4. Design an experiment to show that force can change direction of motion	Date :21.04.2025 Ch :8 Force and pressure Force; Effects of Force; How is a force caused - Interaction of two bodies ? What happens when more than one forces act on a body ?
May	07	Ch: 8 Force and pressure	Pressure exerted by Liquids, Pressure exerted by Gases, Atmospheric Pressure, Application of Atmospheric Pressure	1. To show that Liquid pressure varies with depth. 2. To show that Liquid can exert pressure. 3. Make a liquid pressure tester using a glass tube and a ballon. 4. To show that atmosphere exerts pressure, by using a glass filled with water with a cardboard sheet.	

June	12	Ch.9 Friction	Introduction of Friction, Causes of friction, Types of friction, Measuring Friction ,Factors on which Friction depends	1. To study the dependence of friction on the nature of surface.	
July	24	Ch.9 Friction	Friction : A Necessary Evil , Advantages and Disadvantages of friction, Method of increasing and decreasing friction, Fluid friction; Friction in liquids and gases (Drag), Streamlined shapes	1. To show that rolling friction is less than sliding friction. 2. To show that sound is produced by a vibrating body.	Date: 14.07.2025 Ch :8 Force and pressure Types of force: Muscular Force, Frictional Force, Magnetic Force, Electrostatic Force and Gravitational Force ,Pressure, Pressure exerted by Liquids, Pressure exerted by Gases, Atmospheric Pressure, Application of Atmospheric Pressure in Everyday Life.)
August	21	Ch.10. Sound	How Sound is produced , Musical Instruments, How Human Produce Sound, Propagation of Sound, Speed of Sound , Human ear, Characteristic of Sound, Music and Noise ,Measurement of Sound, Noise pollution.	1. To show that sound cannot travel in vacuum, it requires a medium to travel	
September	07	Ch.10.Sound (Completed)	REVISION	1. Prepare a different types of Musical Instruments with Thermocol.	Date : 01.09.2025 Ch.9.Friction & Ch.10. Sound
October	13	Ch.: 12 Some Natural Phenomena	Lightning, Electrical charges, Charging by rubbing, Behaviour of the Charges: Charges and their Interactions, Flow of Charge, Electroscope, Testing a charge with an Electroscope	1. To understand the interaction of Electrical charges. 2. To show that like charges repel each other. 3. Prepare an electroscope	
November	17	Ch:12 Some Natural Phenomena	Lightning &Thunder, How Lightning is caused , Protection from Lighting, Lightning Conductor, Earthquakes, Causes of earthquake, Earthquake- prone Areas, Intensity of Earthquakes, Ritcher Scale ,Seismograph, Protection against earthquakes.	1. Collect information about the major earthquakes that have occurred in India during the last few decades. Prepare a report showing their	

				impacts on Human life and property.	
December	19	Ch: 13 Light	Light –A form of Energy, Characteristics of Light ,Illuminated and Luminous Objects, Reflection of light, Laws of reflection light, Regular reflection & Irregular reflection, Image formation by a plane mirror ,Multiple images , Application of multiple reflection (kaleidoscope, Periscope) ,The colours of the sunlight ,Dispersion of light	1. To verify the first and second law of reflection. 2. To understand the phenomenon of dispersion of light. 3. Prepare a kaleidoscope.	Date:01.12.2025 Ch:12 Some Natural Phenomena. .
January	14	Ch: 13 Light (Completed) REVISION	The Human eye, Structure and Working of Human Eye ,Care of the Eye, Defects of vision, Visually challenged person and the Braille System, and Visually Challenged People	1. To study the different parts of Human Eye.	Date: 27.01.2026 Ch: 13 Light
February	05	REVISION			
ANNUAL EXAMINATION					

NOTE:

1. 30%of 1stTerm covering significant topics. --- *Forces and Pressure*
2. *Entire Syllabus of second term.*



Chemistry

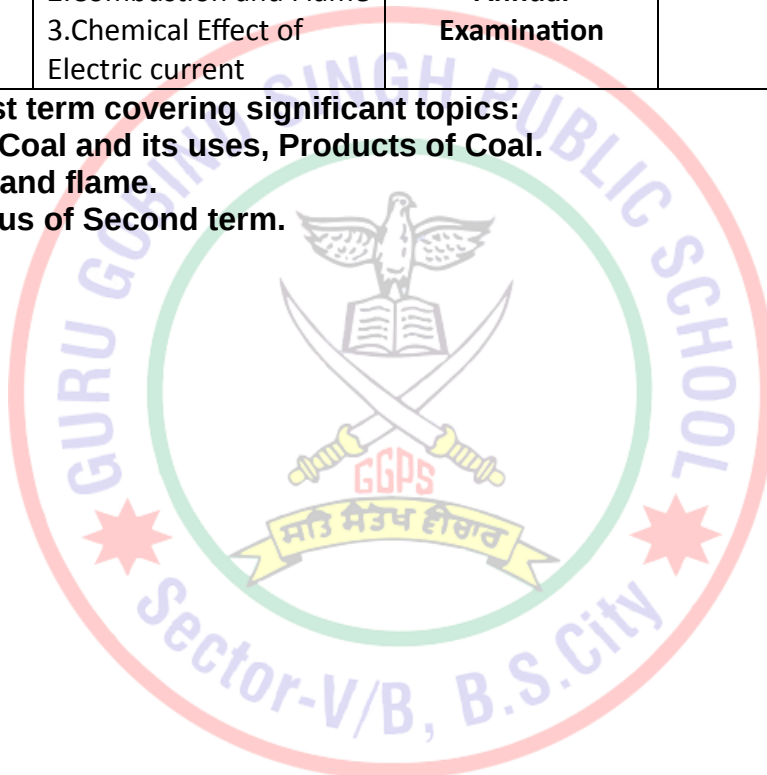
Month	No of Working days	Chapter/Topic	Content / Subtopic in detail Breakup of the chapters content wise.	Activity/Project	Periodic test portion
April	17	Coal and petroleum (Continue...)	1.Natural resources 2.Exhaustible and inexhaustible natural resources 3.Fossil fuels, Their formation and their kinds	Make a list of the things that you use every day. Find out how many of them are natural or man-made. Have you included air, water and soil also, since you get them from nature?	Dt.21/04/25 Up to uses of coal
May	7	Coal and petroleum (Continue...)	1. Coal 2. Formation of coal. 3. Types of coal 4. Product of destructive distillation of coal.		
June	12	Coal and petroleum (Complete) Combustion and Flame(Continue....)	1.Petroleum 2.Natural gas 3.Fossil Fuels are limited.	Find out about different types of mining techniques used to extract coal from coal mines. Make a report and share your information with the class.	
July	24	Combustion and Flame (Continue....)	1.Combustion 2.Conditions required for combustion 3.firefighting and its ways 4.flame and structure of a candle flame		Dt.14/07/25 Complete chapter:- coal and petroleum

August	21	Combustion and Flame (Complete)	1.fuel, characteristics of good fuel and fuel efficiency 2.environmental impact of burning fuels and it's alternatives.	Make your own fire extinguisher at home.	
September	7	1.Coal and petroleum 2.Combustion and Flame	Revision and Half yearly Exam.		Dt.01/09/25 Complete chapter:- combustion and flame
October	13	Chemical Effect of Electric current (Continue...)	1.Conduction of Electric current through liquid 2.LED	Work in groups and survey your school, nearby shops and housing complexes. Find out the number, type and location of fire extinguishers available in these places. Talk to the in-charge of fire safety about the preparedness to fight fire. Write a brief report on this.	
November	17	Chemical Effect of Electric current (Continue...)	1.Electrolysis 2.Electrical conductivity of water 3.Electrode: Anode and Cathode		
December	19	Chemical Effect of Electric current (Continue...)	1.Application of Electrolysis 2.Electroplating	Work in a group and make a tester to check the good and poor conductors of electricity.	Dt.01/12/25 Up to Electroplating

				Record your observations and have a brainstorming session on it	
January	14	1.Coal and petroleum 2.Combustion and Flame 3.Chemical Effect of Electric current	Revision		Dt.27/01/26 Complete chapter:- Chemical Effect of Electric current
February	5	1.Coal and petroleum 2.Combustion and Flame 3.Chemical Effect of Electric current	Revision and Annual Examination		

Note: 30% of 1st term covering significant topics:

- 1. Fossil fuels, Coal and its uses, Products of Coal.**
- 2. Combustion and flame.**
- 3. Entire Syllabus of Second term.**



Std: VIII

SUBJECT: BIOLOGY

Prescribed Book: SCIENCE BOOSTER , CLASS - VIII

Publisher : SRIJAN PUBLISHER

Syllabus for the whole year:

1. Crop production
2. Micro-organisms
3. Conservation of Biodiversity
4. Reproduction in Animals
5. Reaching the Age of Adolescence

MONTH WISE SYLLABUS BREAK-UP

SESSION: 2025 – 26

Months	No of working days	Chapter/ Topic	Content / Subtopic in detail Breakup of the chapters content wise.	Activity/Project	Periodic Test Portion
April	17	Ch.1 Crop Production	1. Crops their types and crop seasons 2. Basic Practices of Crop Production 3. Preparation of Soil 4. Sowing 5. Adding Manure and Fertilizers 6. Irrigation 7. Protection from Weeds 8. Harvesting	Collection of different types of seed	Dt.21.04.25 Ch.1 Crop Production (Crops their types and crop seasons, Basic Practices of Crop Production, Preparation of Soil, Sowing, Adding Manure and Fertilizers)
May	7	Ch.1 Crop Production	1. Storage of Food Grains 2. Green Revolution 3. Food from Animals		
June	12	Ch.2 Micro-Organisms	1. What are microorganisms? 2. Discovery of microorganism 3. General Characteristics of micro-organism 4. Habitat of microorganism		
July	24	Ch.2 Micro-Organisms	5. Major groups of micro - organism, 6. Economic importance of micro organisms 7. Harmful microorganism, 8. Food preservation and its method. 9. Nitrogen fixation, 10. Nitrogen cycle	To show that carbon dioxide and alcohol is produced during fermentation	Dt.14.07.25 Ch.2 Micro-Organisms (Complete Chapter)
August	21	Ch.5 Conservation of Biodiversity	1. Biodiversity 2. Threats to biodiversity, 3. Conservation of biodiversity, 4. flora and forest, 5. deforestation 6. Causes and consequences of deforestation, 7. Causes and consequences of deforestation	Art integrated project based on wild life sanctuary and national parks located in Jharkhand and Telangana	

			8. Wildlife, and its conservation 9. Extinct species 10. Threatened species 11. Red data book 12. Strategies for wildlife conservation 13. Legal provisions for conservation of biodiversity		
September	7		REVISION & HALF YEARLY EXAMINATION		Dt.01.09.25 Ch.5 Conservation of Biodiversity (Complete Chapter)
October	13	Ch.6 Reproduction in Animals	1. Reproduction. 2. Modes of Reproduction 3. Sexual Reproduction 4. Gametogenesis 5. Fertilisation, and its types 6. Human Reproduction 7. Male Reproductive System	To show a model of reproductive system in Humans	
November	17	Ch.6 Reproduction in Animals	8. Female Reproductive System 9. Fertilisation in Humans 10. Development of Human Embryo 11. Viviparous and Oviparous Animals 12. Development and Life Cycles (Life, Cycle of Frog, Life, Cycle of Butterfly) 13. Asexual Reproduction		
December	19	Ch.7 Reaching the Age of Adolescence	1. Adolescence and puberty 2. Changes at puberty 3. Secondary sexual characteristics (Boys and Girls) 4. Mental, intellectual, and emotional maturity 5. Hormones and pubertal changes, 6. Reproductive phase in human life	To prepare a chart to show the endocrine system	Dt.01.09.25 Ch.6 Reproduction in Animals (Complete Chapter)
January	14	Ch.7 Reaching the Age of Adolescence	7. Sex determination 8. Reproductive health 9. Endocrine system		Dt.27.01.25 Ch.7 Reaching the Age of Adolescence (Complete Chapter)
February	5	REVISION			

ANNUAL EXAMINATION

Note: 30% of 1st term covering significant topics.

1. Storage of food grains.
2. Manure and fertiliser.
3. Food poisoning and preservation of food
4. Role of Biosphere Reserve.
5. Entire syllabus of Second term.

Social Science

Book Publisher: VIVA EDUCATION

Author Shrutakirti S.Ranjan , Uttara Chakraborty, Tilottama Mallik

MONTH WISE SYLLABUS BREAK-UP
SESSION: 2025 – 26

Month	Working Days	Subject	Chapter	Project/Activity/Integrated Syllabus	Periodic Test Portion
April	17	History Civics	1) The Modern Period 2) The Establishment of Company Power (contd) 1) The Indian Constitution	Picture based learning Observe the pictures and answer questions (pg.no.11) *Draft a poster warning against dowry. *Integrated with geography for location of British expansion . * Integrated with English for poster .	
May	07	History	2) The Establishment of Company Power	Make a report on anyone Governor General of British India. * Comparative Study between Telangana and Jharkhand. *Integrated with History to know the British conquest. *Art Integrated Project.	Dt. 5.5.25 PT 1 Portion History ch1 The Modern Period Civics ch 1 The Indian Constitution
June	12	Civics History	2) Vision Set by Our Constitution 3) Rural Life and Society	On the political map of India shade the regions under different land revenue system. Depict the Preamble of the Indian Constitution. *Integrated with Geography	
July	24	History Civics	4) Colonialism and Tribal Societies 5) Revolt of 1857 3) Parliamentary Form of Government	On the political map of India locate and label at least 5 important tribes Of India. *Draw the table given on pg. no. 222. *On the political map of India locate and label the important centres of the Revolt of 1857. *Integrated with geography for the location of different center of revolt.	Dt.28.7.2025 PT 2 Portion History ch.2 The Establishment of Company Power Civics ch .2 Vision Set by Our Constitution

August	21	History Civics	6) Education and British Rule 4) Understanding Laws	Collect pictures of the reformers associated with education in India and write a brief description of their achievement. * Integrated with English.	
September	07	-----	REVISION & HALF YEARLY EXAMINATION		
October	13	History Civics	7) Women and Reform 5) The Judiciary	Prepare a brief profile of social reforms. Draw the pyramidal structure of the Indian judiciary. *Integrated with literature.	Dt. 13.10.2025 PT 3 Civics Ch.5 The Judiciary
November	17	History Civics	8) Challenging the caste System 6) Social Justice and the Marginalized 7) Untouchability	Write Slogan on abolition of marginalization. Picture based learning on pg. no. 258 *Integrated with English.	
December	19	History Civics	9) The Nationalist Movement 10) Gandhian Era (1919 -1947) 8) Economics Presence of the Government	Prepare a report on the incident of Jallianwala Bagh massacre. *Integrated with English for report writing.	Dt : 15.12.2025 Pt : 4 History ch .8 Challenging the caste system Civics ch. Social Justice and the Marginalised
January	14	History Civics	11) India After Independence 9) Law and Social Justice	*Picture based question on pg. no. 275 *Collect pictures of three founder leaders of NAM and write report on each of them. *Integrated with English .	
February	05	-----	REVISION & ANNUAL EXAMINATION		

NOTE: 30% syllabus from 1st semester

History:

Chapter-3 Rural Life and Society

Chapter-4: Colonialism and Tribal Societies

Civics:

Chapter-2 Vision set by our constitution

Geography

Book: Social Science-8

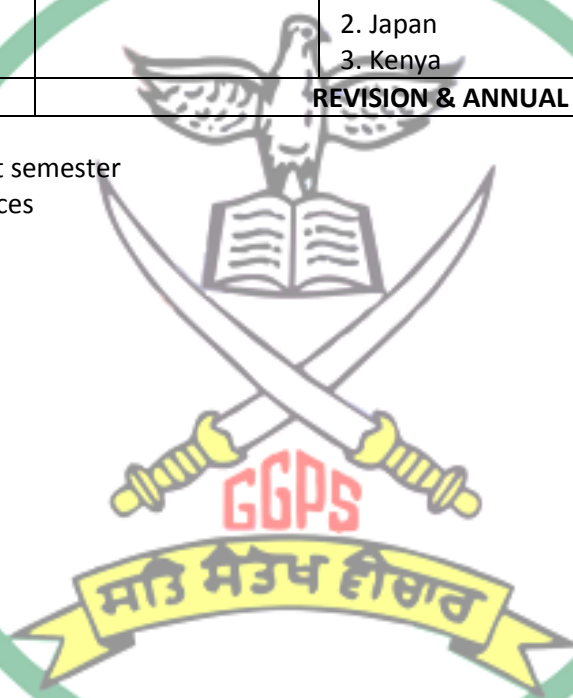
Book Publisher: Viva Education –

Author: Tilottam Mallik

Month	Working Days	Subject	Chapter	Activity/Project	Periodic Test Portion
April	17	Geography	1.) Resources	*with the help of pictures differentiate between Natural and Human-made Resources. *Draw diagram to show Abiotic and Biotic Components	
May	07	Geography	2.) Natural Resources-Land, Soil and water.	*Make a model Topic: Comparative Study between Telangana and Jharkhand 1.Types of farming and Major Crops 2.Projects/Industries	*Periodic Test -1 (5/5/25) Chapter-1:Resources
June	12	Geography	2.) Natural Resource- Land, Soil and water Contd.....	* Draw the following: 1.Soil profile 2.water cycle *Map skill: 1.Soil Resources of India	
July	24	Geography	3.) Natural Vegetation and Wildlife Resources	Map skill: *Natural Vegetation in India	*Periodic Test-2 (28/7/25) Chapter-2: Natural resources-Land, soil and water Chapter-3: Natural Vegetation and Wildlife Resources.
August	21	Geography	4.) Agriculture	* Prepare a flow chart titled "From seed to Crop" showing different stages of agriculture from ploughing to sale of crops. Collect and paste pictures of different stages of Agriculture.	
September	07	-----	REVISION & HALF YEARLY EXAMINATION		
October	13	Geography	5.) Major Crops	Map Skill: 1.Major food Crops in India 2.Fibre and Plantation crops in India	Periodic Test-3 (13/10/25) Chapter-5:Major Crops

November	17	Geography	6.) Manufacturing Industries	Map Skill: 1. Industrial regions of India 2. Location of Iron & steel and textile industries in India	
December	19	Geography	7.) Major Industries 8.) Human Resources	Map skill: 1. Iron and steel industry, Jamshedpur 2. Textile industry, Ahmedabad 3. Information Technology Industry, Bengaluru	Periodic Test-4 (15/12/25) Chapter-6: Manufacturing Industries Chapter-7: Major Industries
January	14	Geography	8.) Human Resources contd.....	Draw and compare population pyramid of the following countries: 1. India 2. Japan 3. Kenya	
February	5	-----	REVISION & ANNUAL EXAMINATION		

NOTE: 30% syllabus from 1st semester
Geography: Chapter-1: Resources



CLASS: VIII

SUBJECT: COMPUTER SCIENCE
MONTH WISE SYLLABUS BREAK-UP

PRESCRIBED BOOK – Composite CompuNik**SESSION: 2025 – 26**

Month's Name	No. of working days	Unit No./ Title	Content/Topic	Activity/Practical	Periodic Test Portion
April	17	Chapter: 1 Network	• Introduction • Advantages of Network • Components of Network • Media of Communication • Types of Networks • Network Topology • Internet, Intranet • Terms of Internet	Create the blue print of Computer Network on a paper.	
May	07	Chapter: 2 Digital Design	• Introduction • GIMP on Computer	Create a file in GIMP and use of tool box.	
June	12	Chapter: 2 Digital Design (Continue...)	• New File • Tool Box • Foreground and Background • Additional Effects	Create a file in GIMP and use of tool box.	PT-1 Ch-1: Network Ch-2: Digital Design (Partially)
July	24	Chapter: 4 Cyber Security	Cyber Security • Introduction • Types of Cyber Crime • Cyber Threats • Symptoms & Harms • Prevention of Virus • Netiquettes • Cyber Security • Cyber Laws	Collect information and make a chart to display that how could administration help under perspective of law if any of your family members get trapped in any cybercrime?	
		Chapter: 5 Coding in Python	Coding in Python • Introduction • Working with Python • Character Set • Token, Variables • Data Types • Layout of Program • Input/Output Statement	WAP in Python to display the area and perimeter of a rectangle and square.	

August	21	Chapter: 8 Data Science	• Introduction • Data and Data Science • Sources of Data • Categories of Data • Purpose of Data Science • Careers in Data Science • Data Visualization • Analytics on Text Data • Analytics on Image Data • Data Science and AI	Make a ppt on Analytics on Text Data. Make a ppt on Careers in Data Science.	PT-2 Ch-4: Cyber Security Ch-5: Coding in Python.
September	07	Revision & Half Yearly Examination			
October	13	Chapter: 3 Animation on Images	• Introduction • Brightness/Contrast • Cropping an Image • Red Eye Removal • Background Removal • Layers • Animation in GIMP	Create a file in GIMP and apply all the animation on it.	
November	17	Chapter: 6 Decision Making in Python	• Introduction • if Statement • if else Statement • if elif else Statement • Decision Making with Logical Operators	WAP to check whether a person is valid voter or not. WAP to display name of the days on the basis of given day no.	PT-3 Ch-8: Data Science Ch-3: Animation on Images
December	19	Chapter: 7 Looping in Python	• Introduction • While Loop • For Loop	WAP to print factorial of a given no. WAP to print table of a given no.	PT-4 Ch-6: Decision Making in Python Ch-7: Looping in Python
January	14	Chapter: 9 What's Robotics	• Introduction • Robotics • Types of Robots • Components of Robots • Robotics in School • Robotics and AI	Prepare a blueprint of Robot with its components.	
February	5	Revision and Annual Exam.			

For Annual Examination (Term-II)

Selected chapters will be included in Annual Examination (Term-II) from Term-I portion.

Ch 1: - Network (10 marks)

Ch 8: - Data Science (14 marks)

Note: -30% Marks (Term-I Portion) 70% Marks (Term-II Portion)

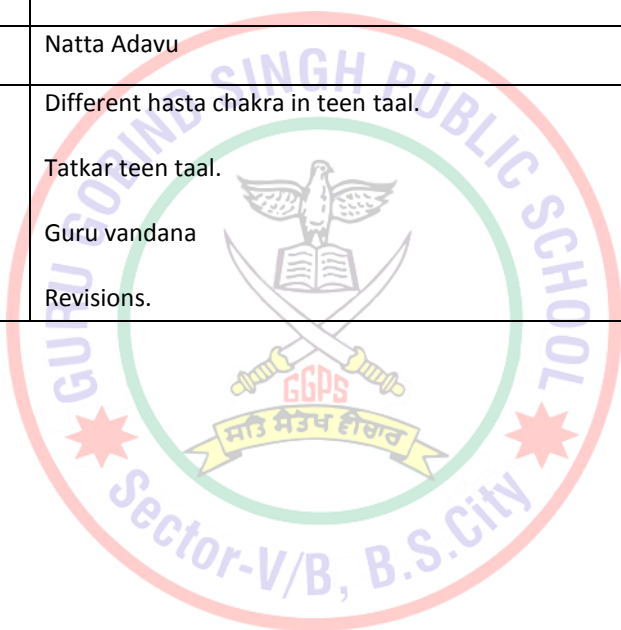
Full Marks: -80

CLASS – VIII

SUBJECT- DANCE

MONTHLY SYLLABUS BREAK-UP 2025-26

MONTH	W.D	TOPIC
APRIL	17	Tatta Adavu,bhoomi pranam..
MAY + JUNE	07 + 12	Chatusra ekam and chatusra triput taal. Basic standing position and various patterns of tatkar
JULY	24	One folk dance
AUGUST	21	One folk dance
SEPTEMBER	07 H.Y	Natta Adavu
OCTOBER	13	Natta Adavu
NOVEMBER + DECEMBER	17 + 19	Different hasta chakra in teen taal. Tatkar teen taal.
JANUARY	14	Guru vandana
FEBRUARY	05	Revisions.

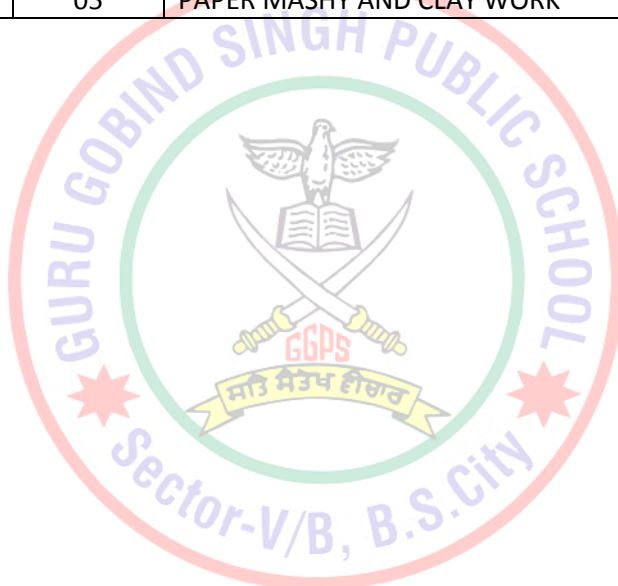


Class 8

SUBJECT : PAINTING

MONTHLY SYLLABUS BREAKUP:2025-26

MONTH	WORKING DAYS	TOPIC
APRIL	17	SKETCH, DRAWING (LIVING THINGS)
May	07	CREATIVE ART
JUNE	12	ANY CHOICE OF COMPOSITION
JULY	24	GREETING CARD AND TEXTILE DESIGNS
AUGUST	21	ANY FESTIVAL (WATER COLOUR)
SEPTEMBER	07	PAPER MASHY WORK
OCTOBER	13	CREATIVE RELIEF WORK
NOVEMBER	17	NATURE STUDY
DECEMBER	19	CRAFT WORK
JANUARY	14	CREATIVE WORK AND DEFFERENT MODELS
FEBRUARY	05	PAPER MASHY AND CLAY WORK



GURU GOBIND SINGH PUBLIC SCHOOL

SECTOR 5/B ,BOKARO STEEL CITY

SUBJECT:- GAME

STD. –VIII

SYLLABUS SESSION 2025-2026

Month's Name	No. of working days	Event./ Topic
April	17	Football- Fundamental skills * Passing * Kicking * Dribbling * Shooting
May	07	Basketball- Fundamental skills * Basic stance * Passing * Dribbling * Shooting
June	12	Kho kho - Fundamental skills * Chasing skills * Defensive skills * Pole drive skills
July	24	Volley ball - Fundamental skills * Serving * Passing * Setting or boosting * Drive and rolling
August	21	Kabaddi - Fundamental skills * Touching and defensive skills * Dodging * Raid * Holding the breath * Catching
September	07	Judo - Fundamental skills * Throwing techniques * Grappling techniques * Grip techniques * Striking techniques
October	13	Chess - Fundamental skills * Tactics * Calculation * Visualization * Strategy * Opening
November	17	Handball - Fundamental skills * Holding the ball * Dribbling the ball * Catching the ball * Throwing the ball * Passing the ball * Shooting the ball
December	19	Badminton-Fundamental skills * Proper grip * Strong footwork * Serves * Clears, lifts , net shots
January	14	Cricket - Fundamental skills * Bating * Bowling * Strokes * Catching * Fielding * Wicket keeping
February	05	Athletic - Fundamental skills * Running (100,200,400,800m) * Jumping (high jump,long jump) * Throwing (Shotput, Discuss)

