

Guru Gobind Singh Public School

Sector V/B, B.S.City



SYLLABUS

Session 2024-25

Subject: English

Prescribed Books: (1) New Pathways (8)
(2) New Learner's Grammar and Composition (8)

Publisher: Oxford University press

MONTH WISE SYLLABUS BREAK-UP

SESSION: 2024 – 25

MONTH	NO. OF WORKING DAYS	CHAPTERS / TOPIC TO BE COVERED	ACTIVITY
APRIL	18	Course Book – Unit 1: Human Bonds L-1: My Big Brother, L2: Thank you Ma'am Grammar – Sentences, Prepositions Writing – Notice Writing Grammar Book – L1,2,15,17	
MAY	08	Course Book – Unit 1 ,L3 –It was Long ago Unit 2 - Nurturing nature L1- I Became a great friend of Animals and Birds Grammar: Determiners, Adverbs Writing: Diary Entry Grammar Book: L3,4,5,129	Write a poem related to Nature
JUNE	09	Course Book – Unit 2, L-2 – The Ghost of the Mountains Grammar – Tenses Writing – Story Writing Grammar Book – Lesson 7,8,9	Prepare a comparative study chart of culture and tradition of Jharkhand and Telangana.
JULY	22	Course Book – Unit 2, L-3 The Elephant and the Tragopan, Unit 3 : Conflict and Hope ,L1 – Pocahontas Grammar: Tenses (to be continued), Conjunctions Writing: Story Writing(contd), Informal Letter Grammar Book: 10,14,23	ASL (Speaking and listening skills)
AUGUST	19	Course Book – Unit 3, L2 – The Diary of young girl L3-The song of freedom Grammar: Subject Verb Agreement, Active and Passive Voice Writing: Informal Letter (to be continued) Grammar Book: L11,13,18	Poster making
SEPTEMBER	08	Revision and Half Yearly Exams	
OCTOBER	15	Course Book – Unit 4: Unlikely Destinations L-1 Emperors on Ice , L-2 The Lost World. Grammar: Verbs Writing: Descriptive Paragraphs Grammar Book : L6,16	To prepare a beautiful diary.
NOVEMBER	12	Course book – Unit 4,Lesson 3 The Fabulous Fabled silk road Unit5: L-1 The Watery Place Grammar: Reported Speech Writing: Poster Making Grammar Book : L-20,21,2	Write about two famous personalities of Jharkhand and Telangana who are well known globally.
DECEMBER	19	Course Book: Unit 5, L2- Feathered Friend, L3- The Inventor Unit6, Lesson-1 The Boy who was caught Grammar: Error of Edition Writing: Formal Letter Grammar Book: 4L23,24	Draft an Invitation
JANUARY	17	Course Book: Unit6, L2- Macbeth, L3: Abandoned Farmhouse Grammar: Modals ,Grammar Book: L12,25	Composing Poem
FEBRUARY	10	Revision Annual Exams	
		Note: 30% of Half Yearly Syllabus Grammar Topics: Sentences, Adverbs, Subject Verb Agreement, Tense Notice Writing ,Diary Entry	

BOOKS PRESCRIBED :-

1:- शिखर

2:- भारत की खोज

3:- मानक व्यावहारिक हिंदी व्याकरण भाग- 3

Month's Name	No. of Working days	Chapter ./ Topic	Project/ Assignment
अप्रैल	18	शिखर पाठ-1 जियो-जियो ऐ हिंदुस्तान (कविता) पाठ-2नेकी बनी बदी(कहानी) भारत की खोज-1-सिंधु घाटी सभ्यता व्याकरण- हमारी भाषा,वर्ण विचार,पत्रलेखन (औपचारिक,अनौपचारिक)	पत्र लेखन- औपचारिक पत्र, अनौपचारिक पत्र
मई	08	शिखर पाठ 3- गजनंदन लाल पहाड़ चढ़े(कहानी) खुशी का खजाना-हंसी (केवल पठन के लिए) पाठ 4- सभ्य बनने की सनक (संस्मरण) व्याकरण- संज्ञा,लिंग, वचन	अनुच्छेद लेखन
जून	09	शिखर पाठ 5-नए टापू की खोज (खोज जानकारी) व्याकरण- सर्वनाम,कारक	“ हमें भारतीय होने पर गर्व है” यह वाक्य भारत के किन्हीं पांच भाषाओं में लिखें।
जुलाई	22	शिखर पाठ 6 प्राणी वही प्राणी है(कविता) पाठ 7- हींगवाला(कहानी) पाठ 8- कलिंग विजय (ऐतिहासिक नाटक) भारत की खोज 4-युगों का दौर 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)
अगस्त	19	शिखर पाठ 9- दादा साहब फालके (व्यक्तित्व) पाठ 10- थोड़ी धरती पाऊं (कविता) भारत की खोज 5-नई समस्याएं व्याकरण- अपठित पद्यांश, अनेक शब्दों के लिए एक शब्द	
सितम्बर	08	पुनरावृत्ति कार्य अर्धवार्षिक परीक्षा	
अक्टूबर	15	शिखर पाठ 11- अपराजिता (कहानी) पाठ 12-होटल मार्स का रहस्य (विज्ञान कहानी) भारत की खोज 6- अंतिम दौर -एक व्याकरण- क्रिया विशेषण एवं उसके भेद	मंगल ग्रह एवं उससे संबंधित अभियान के बारे में विस्तार पूर्वक जानकारी प्राप्त कीजिए।

नवम्बर	12	शिखर पाठ 13-शाप-मुक्ति (कहानी) पाठ 14- सच्ची मित्रता (पद्य) भारत की खोज 7-अंतिम दौर -दो व्याकरण- विराम चिह्न, मुहावरे, पत्र लेखन, अपठित पद्यांश	रामचरितमानस के आधार पर सुग्रीव और राम की सच्ची मित्रता सचित्र विवरण प्रस्तुत कीजिए।
दिसम्बर	19	शिखर पाठ- 15- रावण -वध (नाटक) पाठ 16- अनुभव से सीख (प्रेरक व्यक्तित्व) भारत की खोज- 8-तनाव व्याकरण- उपसर्ग, अर्थ के आधार पर वाक्य भेद	
जनवरी	17	शिखर पाठ 17- भविष्य का भय(कहानी) पाठ 18- भारत दर्शन (यात्रा जानकारी) भारत की खोज -प्रश्न उत्तर व्याकरण- प्रत्यय, श्रुतिसमभिन्नार्थक शब्द	
फरवरी	10	पुनरावृत्ति कार्य वार्षिक परीक्षा	

ANNUAL EXAMINATION

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

पाठ्य पुस्तक:- शिखर

पाठ 3:- गजानंद लाल पहाड़ चढ़े (कहानी)

पाठ 6 : प्राणी वही प्राणी है (कविता)

पाठ 10 :-थोड़ी धरती पर पाऊं (कविता)

लेखन---

*पत्र लेखन

*अनुच्छेद लेखन

*अपठित गद्यांश, पद्यांश

व्याकरण

वार्षिक परीक्षा में संपूर्ण व्याकरण सम्मिलित है।

संस्कृत पाठ्यक्रम 2024-2025
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 (18) : 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, गम्, पठ् लट्, लृट्, लङ् लकारे,

कारकप्रकरणात्, सामान्य तथा उपपद विभक्ति एवं वाक्य प्रयोग,

संवाद लेखनम्

मई (08) : 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 (09) : पाठ: 5 : त्रयः प्रश्नाः

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

जुलाई (22): 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 (19): पाठ: 8 : व्यायामः पाठाभ्यासम्

पाठ: 9 : वीराङ्गना लक्ष्मीबाई पाठाभ्यासम्

व्याकरणानि: उपसर्गाः - आ, वि, प्रति, उप, अनु, निर, प्र, अधि, अप, नि, अव अपठित गद्यांश, पत्रलेखनम्, चित्रवर्णनम्।

सितम्बर (08):	पुनरावृत्ति कार्यम् तथा अर्द्धवार्षिक परीक्षायाः शुभारम्भः ।
अक्टूबर (15):	पाठः 10 : महाराणा प्रताप पाठाभ्यासम् पाठः 11 : भोजनम् शरीर-रक्षकम् (केवलं आन्तरिक मूल्यांकनाय) व्याकरणानि : उपपदविभक्तिभिः— 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 (12):	पाठः 12 : त्रयोः धूर्ताः पाठाभ्यासम् पाठः 13 : विद्या राजसु पूजिता पाठाभ्यासम् व्याकरणानि : स्वरसन्धि-दीर्घ, गुण, वृद्धिः, अपठितगद्यांश, पत्रलेखनम्, चित्रलेखनम् संस्कृतेन अनुवादम्, संख्यावाची शब्दाः एकतः चतुर्पर्यन्तम् त्रिषु लिङ्गेषु,
दिसम्बर (19):	पाठः 14 : श्लोकस्तबकम् पाठाभ्यासम् पाठः 15 : भगवान् बुद्ध पाठाभ्यासम् व्याकरणानि : शब्दरूपाणि – लतावत्, बालकवत् फलवत्, सर्वनामशब्दाः—तत्, किम् (त्रिषु लिङ्गेषु), धातुरूपाणि—पठ, दृश्, नम्, खाद् (त्रिषु लकारेषु),
जनवरी (17):	पाठः 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, पाठात् कथापुर्ति,
फरवरी (10):	पुनरावृत्ति कार्यम् तथा वार्षिकपरीक्षायाः शुभारम्भः ।
टिप्पणीः— 1.	वार्षिकी परीक्षायाम् अर्द्धवार्षिकी परीक्षायाः द्वितीयः पाठः – जन्तुशाला, चतुर्थः पाठः – दुर्बुद्धिः विनश्यति इति पाठौ सम्मिलितौ भविष्यतः ।

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 whole year – (2024-25)

Months Name	No. of working days	Chapter	Content	Activity
April	18	1. Rational Numbers 2. Exponents and Powers	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. Laws of exponents with integral powers c. Questions Based on exponents and power	Represent Rational Numbers on number Line.
May	08	3. Squares and Square Roots 4. Cubes and Cube Roots	a. Squares b. Square roots c. Estimating square roots d. Process of moving nearest to the square root a. Introduction b. Cubes c. Cube roots d. Estimating Cube root e. Process of moving nearest to cube root of a given number f. Estimating Cube root	
June	09	5. Playing with Numbers	a. Introduction b. Numbers in General Form c. Divisibility Test d. Word Problem	1. To observe the patterns of the numbers and generate it up to next three steps.
July	22	6. Algebraic Expressions and Identities 7. Factorisation	a. Introduction b. Multiplication of Algebraic Expressions c. Problems a. Introduction b. Factorisation c. Algebraic Method of Solving Linear Equations d. Word problems	To verify the algebraic identities By paper cutting and pasting. $(a + b)^2 = a^2 + b^2 + 2ab$ To verify the Algebraic identities $(a + b)^3 = a^3 + b^3 + 3a^2b + 3ab^2$.

		8. Linear Equations in One Variable	<ul style="list-style-type: none"> a. Introduction b. Solving equation having linear expressions on one side and application c. Solving equation having linear expression on one side and numbers on the other side. d. By keeping variable on both side e. Transposing Method 	
August	19	9. Comparing Quantities (Percentage, Profit and loss, Compound Interest) 10. Practical Geometry (Construction of Quadrilaterals)	<ul style="list-style-type: none"> a. Recalling Ratios and Percentages b. Estimating in percentages c. Profit and Loss d. Sales Tax/ Value Added Tax e. Compound Interest Annually or Half Yearly f. Applications of Compound Interest Formula a. Introduction b. Constructing a Quadrilateral 	1. To verify that diagonals of a rectangle and square are equal in length 2. Diagonals of rhombus and parallelogram are not equal
September	08	REVISION		
Half Yearly Exam				
October	15	11. Direct and Inverse Proportions (Time and work also) 12. Understanding Quadrilaterals (Polygons, Quadrilateral, Parallelograms)	<ul style="list-style-type: none"> a. Introduction b. Word problems based on Direct and Inverse Proportion c. Time and work a. Introduction b. Polygons, Classification of polygon, Concave and convex polygons, Angle sum property c. Kinds of Quadrilaterals d. Word Problems 	Activity: To verify that the sum of exterior angles of a polygon is 360° . To make different convex and concave polygon By paper cutting and folding.
November	12	13. Visualising Solid Shapes (Area of a trapezium and a polygon, Three dimensional figures)	<ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> i. length and perimeter ii. length and area.
December	19	14. Mensuration (Surface area and volume)	<ul style="list-style-type: none"> a. Introduction b. Area of rectilinear figures c. Surface area and volume of cube and cuboid d. Surface area and volume of a right circular cylinder 	To make cubes and cuboids of given dimensions using unit cubes and calculate the volume of each. Construct a cylinder with the help of plane sheet.

January	17	<p>15. Data Handling (Pie chart, Probability also)</p> <p>16. Introduction to Graphs (Introduction to Co- ordinate geometry)</p>	<p>a. Grouping of data b. Construction and interpretation of bar graph c. Introduction d. Bar Graph, A Pie graph, A line graph, Histogram</p> <p>a. Introduction b. Axis system (Cartesian system) c. Plotting points for different situations d. Reading of linear graphs</p>	Draw the line graph between circumference of circle and its area.
February	10	Revision and Annual Examinations	Revision of all chapters	

For Annual Examination (Term- II)

1. Term- II Portion+

2. Selected Chapters will be included in Annual Exam from before Half Yearly Portion (Term- I)

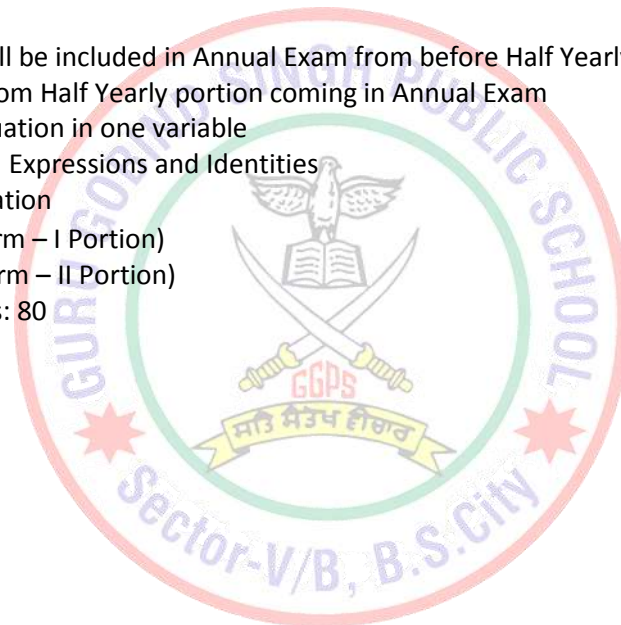
Name of Chapters from Half Yearly portion coming in Annual Exam

1. Ch-8 Linear equation in one variable
2. Ch- 6 Algebraic Expressions and Identities
3. Ch – 7 Factorisation

Note: 30% Marks (Term – I Portion)

70% Marks (Term – II Portion)

Full Marks: 80



Class VIII

Subject : Physics

Prescribed Books

Lakhmir Singh and Manjit Kaur Science 8

Publisher: S.Chand

Syllabus for the whole year

1. Force and Pressure
2. Some Natural Phenomena
3. Light
4. Stars and the Solar System

MONTH WISE SYLLABUS BREAK-UP

SESSION: 2024 – 25

Month's Name	No. of Working days	Chapter/Topic	Content/ Sub Topic In detail	Experiment/Project /Activity
April	18	Ch :9 Force and pressure	Force; Effects of Force; Types of force: Muscular Force, Frictional Force, Magnetic Force, Electrostatic Force and Gravitational Force ; Pressure	<ol style="list-style-type: none">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
May	08	Ch: 9 Force and pressure	Explanation of Some Everyday Observations on the basis of Pressure; Pressure exerted by Liquids, Pressure exerted by Gases, Atmospheric Pressure, Application of Atmospheric Pressure in Everyday Life.	<ol style="list-style-type: none">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 balloon.4. To show that atmosphere exerts pressure, by using a glass filled with water with a cardboard sheet.
June	09	Ch.: 10 Some Natural Phenomena	Lightning, Electrical charges, Charging by rubbing, , Charging by induction, Charging by conduction, Transfer of charge, Electroscope.	<ol style="list-style-type: none">1. To understand the interaction of Electrical charges.2. To show that like charges repel each other.3. Prepare an electroscope
July	22	Ch:10 Some Natural Phenomena	Lightning &Thunder, Lightning Conductor, Safety measures to be taken during lightning. Earthquakes, Causes of earthquake, Protection against earthquakes, Personal safety	<ol style="list-style-type: none">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.

August	19	Ch: 11 Light	Reflection of light, Regular reflection & Irregular reflection, Laws of reflection light, Formation of image by a plane mirror Multiple images and kaleidoscope, Dispersion of light	<ol style="list-style-type: none"> To verify the first and second law of reflection. To understand the phenomenon of dispersion of light. Prepare a kaleidoscope.
September	08	REVISION		
HALF YEARLY EXAMINATION				
October	15	Ch: 11 Light (Completed)	The Human eye, Persistence of vision, Defects of vision, Visually challenged person and the Braille System, Eye Care and Visually Challenged People	<ol style="list-style-type: none"> To study the different parts of Human Eye.
November	12	Ch: 12 Stars and the Solar System	Celestial Objects; Night Sky; The Moon and its phases, Stars; Light Year ;Pole Star, Constellations	<ol style="list-style-type: none"> To show moon is visible to us as it reflects sunlight towards the earth. To observe the Phases of Moon.
December	19	Ch: 12 Stars and the Solar System	The Solar System, Planets, Lunar Eclipse , Solar Eclipse, Artificial Satellites, The Eight Planets, Meteoroids, meteor and meteorites.	<ol style="list-style-type: none"> Make a model of The Solar System using different waste materials. To study the formation of Lunar Eclipse. To study the formation of Solar Eclipse.
January	17	REVISION		
February	10	REVISION		
ANNUALEXAMINATION				

NOTE: 30% of 1st Term covering significant topics.

1. Forces and Pressure

2. Entire Syllabus of second term.

Std: VIII

SUBJECT: CHEMISTRY

Prescribed Book: LAKHMIR SINGH'S SCIENCE - 8

Publisher : S. CHAND

Syllabus for the whole year:

1. Materials - Metals and Non-Metals
2. Coal and Petroleum

MONTH WISE SYLLABUS BREAK-UP

SESSION: 2024 – 25

Month's Name	No. of working days	Chapter No./ Title	Project/ Assignment
April	18	Chapter :3 Materials: Metals and Non - Metals 1.Elements 2.Types of Elements :Metals, Non - metals and Metalloids	
May	08	Contd: Chapter :3 Materials: Metals and Non -Metals 3.Physical Properties of Metals and Non-metals 4.Chemical Properties of Metals and Non-metals:	i) Prepare a chart to show the Physical and Chemical Properties of Metals and Non Metals ii)To show Chemical changes during Burning of Magnesium ribbon
June	09	Contd: Chapter :3 Materials: Metals and Non -Metals 5.Reactivity Series of Metals	
July	22	Contd: Chapter :3 Materials: Metals and Non -Metals 6.Displacement Reaction of Metals	iii) Collect and display five metals and 5 non-metals
August	19	Contd: Chapter :3 Materials: Metals and Non -Metals 7.Uses of Metals and Non Metals	iv) Draw a chart of Reactivity Series
September	08	Revision	
HALF YEARLY EXAMINATION			
October	15	Chapter:4 Coal and Petroleum 1. Inexhaustible and Exhaustible NaturalResources 2. Fossil Fuels 3. Coal and its Uses	
November	12	Contd... Chapter:4 Coal and Petroleum 4.Products of Coal 5.Petroleum:Occurrence, Extraction 6.Refining of Petroleum	v) To show that liquid conduct electricity
December	19	Contd... .. Chapter:4 Coal and Petroleum 7.Fractions of Petroleum Natural gas	vi) To show that how Electroplating prevent corrosion with the help of an activity
January	17	Petro chemical	
February	10	Revision & Annual Examination	

ANNUAL EXAMINATION

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

- 1.Fossil fuels, Coal and its uses, Products of Coal
- 2.Uses of Metals and Non-metals
- 3.Entire Syllabus of Second term

Std: VIII

SUBJECT: BIOLOGY

Prescribed Book: LAKHMIR SINGH'S SCIENCE – 8

Publisher : S. CHAND

Syllabus for the whole year:

1. Crop production and Management
2. Micro-organisms: Friend and Foe
3. Conservation of Plants and Animals
4. Cell Structure and Functions
5. Reproduction in Animals
6. Reaching the Age of Adolescence
7. Pollution of Air and Water

MONTH WISE SYLLABUS BREAK-UP

SESSION: 2024 – 25

Month	No. of working days	Chapter No./ Title	Project/ Assignment
April	18	Lesson: 1 Crop production and Management 1. Agricultural Practices 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 9. Storage of Food Grains	i) Prepare a report on agricultural practices.
May	08	Lesson: 2 Micro-Organisms :Friend and Foe 1. Microorganisms 2. Where do Microorganisms Live? 3. Microorganisms and Us 4. Harmful Microorganisms 5. Food Preservation 6. Nitrogen Fixation 7. Nitrogen cycle	ii) To separate damaged seeds from healthy seeds.
June	09	Lesson: 2 Micro-organism Cont. And completed	iii) To show that carbon dioxide and alcohol is produced during fermentation
July	22	Lesson: 5 Conservation of Plants and Animals 1. Deforestation and Its Causes 2. Consequences of Deforestation 3. Conservation of Forest and Wildlife 4. Biosphere Reserve 5. Flora and Fauna 6. Endemic Species 7. Wildlife Sanctuary 8. National Park 9. Red Data Book 10. Migration 11. Recycling of Paper 12. Reforestation	
August	19	Lesson: 6 Cell Structure and Functions 1. Discovery of the Cell 2. The Cell 3. Organisms show Variety in Cell Number, Shape and Size 4. Cell Structure and Function 5. Parts of the Cell 6. Comparison of Plants and Animals Cells	iv) To observe Bread Mould
September	08	Lesson :6 Cell Structure and Functions Cont. And Completed	

REVISION & HALF YEARLY EXAMINATION			
October	15	Lesson :7 Reproduction in Animals 1. Modes of Reproduction 2. Sexual Reproduction 3. Asexual Reproduction	
November	12	Lesson :7 Reproduction in Animals (Cont. And completed) Lesson :8 Reaching the Age of Adolescence	v) To show a model of reproductive system in Humans
December	19	Lesson :8 Reaching the Age of Adolescence (Cont. And completed) 1. Adolescence and Puberty 2. Changes at Puberty 3. Secondary Sexual Characters 4. Role of Hormones in Initiating Reproductive Function 5. Reproductive Phase of Life in Humans 6. How is the Sex of the Baby Determined? 7. Hormones other than Sex Hormones 8. Role of Hormones in Completing the Life History of Insects and Frogs 9. Reproductive Health	
January	17	Lesson 13 Pollution of Air and Water 1. Air Pollution 2. How does Air Get Polluted? 3. Case Study- The Taj Mahal 4. Greenhouse Effect 5. What can be done? 6. Water Pollution 7. How does Water Get Polluted? 8. What is Potable Water and how is Water Purified? 9. What can be done?	vi) To prepare a chart to show the endocrine system.
February	10	Lesson: 13 Pollution of Air and Water (Cont. And completed) 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: FULLMARKS

Author A.K Singh , Vineeta Saxena

MONTH WISE SYLLABUS BREAK-UP

SESSION: 2024 – 25

Month	Working Days	Subject	Chapter	Activity	Integrated Syllabus
April	18	History Civics	1.) Where, When and How? 2.) The Expansion of British power(contd....) 1.) The Constitution and Need for Laws	On an outline map of India locate and label the different independent states that were established after the death of Aurangzeb .	*Integrated with geography for location of British expansion .
May	08	History	2) The Expansion of British power	Make a chart Showing stages of the British conquest of India . * Comparative Study between Telangana and Jharkhand	*Integrated with History to know the British conquest. *Art Integrated Project.
June	09	Civics History	2) Ideals of the Indian Constitution 3) Rural Life and Society (contd....)	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	22	History Civics	3) Rural Life and Society 3)The Parliamentary System 4)Tribal Communities	On the political map of India locate and label at least 5 important tribes.of India. Differentiate between Presidential and Parliamentary form of government.	*Integrated with geography for the location of different centres of revolt .
August	19	History Civics	5) Indian Crafts and Industries 6) The Revolt of 1857 4) The Judiciary	On the political map of India mark the centres of the revolt of 1857. Draw the pyramidal structure of the Indian judiciary. label their functions as well .	*Integrated with Geography . *Integrated with English.
September	08	-----	REVISION & HALF YEARLY EXAMINATION		

October	15	History Civics	7) Education in British Rule 8) Reforms in Indian Society 5) The Police and the Court	Prepare a brief profile of social reforms. Collect pictures of the reformers associated with education in India and write a brief description of their achievements .	*Integrated with literature.
November	12	History	9) Caste Reform Movements 10) Colonialism and Urban Change	On an outline map of India, locate and label three Presidency cities and four hill station during the British period.	*Integrated with geography for map pointing .
December	19	History Civics	6) Marginalisation and Social Justice 11) Major Changes in the 19 th Century 12) The Freedom Movement	Slogan on abolition of marginalisation Prepare a report on the incident of Jallianwala Bagh massacre.	*Integrated with English for slogan writing
January	17	History Civics	7) The Government and Economic Development 13) Indian after Independence	*Make a chart of major industries with associated place / cities. *Collect pictures of three founder leaders of NAM and write three lines on each of them.	*Integrated with English for report writing
February	10	-----	REVISION & ANNUALEXAMINATION		

NOTE: 30% syllabus from 1st semester

History: Chapter-2: The Expansion of British power

Chapter-4 Tribal Communities

Civics: Chapter-3: The Parliamentary System

MONTH WISE SYLLABUS BREAK-UP

SESSION: 2024 – 25

Month	Working Days	Chapter	Activity	Integrated Syllabus
April	19	1.) Our Resources 2.)Natural Resources: Land, soil and water	*Collect pictures of different resources that you use in your daily life. Paste these pictures in your scrapbook	*Integrated with Biology *Integrated with Art and craft.
May	08	2.)Natural Resource: Land, Soil and water contd..... 3.)Natural Resource: Natural Vegetation and Wildlife	*Comparative Study between Telangana and Jharkhand on the following topics: physical features ,location, Geographical Area, Climate and neighbouring countries.	*Integrated with Chemistry and biology. *Art Integrated Project. *Integrated with Maths and chemistry
June	09	3.) Natural Resources: Natural vegetation and wildlife(Cont...)	*Make a list of the kinds of natural vegetation, wildlife and minerals available in your locality.How are they being utilised?	*Integrated with Art and physics. .
July	22	4.)Mineral and Power Resources	*With the help of pictures differentiate between Metallic and non-metallic minerals.	*Integrated with Economics and Art and craft. *Integrated with Biology Art. *Integrated with physics and Art.
August	19	4.)Mineral and Power Resources contd.....	Draw various non-conventional sources of power and write its advantages	*Integrated with History,Biology and Economics. * Integrated with Art and economics
September	08	REVISION & HALF YEARLY EXAMINATION		
October	15	5.) Agriculture	*Collect pictures of different farming practices and list them under separate headings. List differences you find in each of them.	*Integrated with Biology *Integrated with Dance and Art and Hindi.
November	12	6.) Major Crops and Agricultural Development	*On an outline map of India, label the important producing areas of the Crops such as rice, wheat, jute, tea and coffee.	*Integrated with History, political science and Art *Integrated with Chemistry and Biology.
December	19	7.) Industries 8) Human Resources	*On an outline map of India locate any two states of the following industries: Iron and steel industry Cotton textile industry IT industry	*Integrated with History and political science and computer.
January	17	8.) Human Resources contd.....	*Make population pyramid of India ,Japan and Kenya and compare them.	*Integrated with Art and Economics and Maths. *Integrated with English for report writing and Art.
February	10	REVISION & ANNUAL EXAMINATION		

NOTE: 30% syllabus from 1st semester

Geography: Chapter-1: Our Resources

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SECTOR V/B, B.S. CITY
Syllabus For Session 2024-25.

CLASS: VIII

SUBJECT: COMPUTER SCIENCE

Month's Name	No. of working days	Unit No./Title	Content/Topic	Practical/Activity
April	18	PART-A Unit 1. Artificial Intelligence: Excite	<ul style="list-style-type: none"> ● Introduction. ● Component of AI. ● Types of AI. ● Features of AI. ● Application of AI. ● Human Machine Interactions. ● Domains of Artificial Intelligence. 	Imagines and make list showing the works that can be accomplished by AGI
May	8	Unit 2.AI: -Relate & Purpose	<ul style="list-style-type: none"> ● Introduction. ● Smart Living. ● Sustainable Development ● Sustainable Development Goals 	Find and elaborate the different ways in which AI can be used in achieving the goal of:>>Controlling Climate Action, Quality Education.
June	09			
July	22	PART B: Unit 5. Cyber Security	<ul style="list-style-type: none"> ● 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?
August	19	Unit 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 	Code a program to calculate the amount of water needed to fill up a circular swimming pool having radius as 50m and depth as 2m. Volume of cylinder= $3.14*r*r*h$ where 'r' is the radius and 'h' is the height

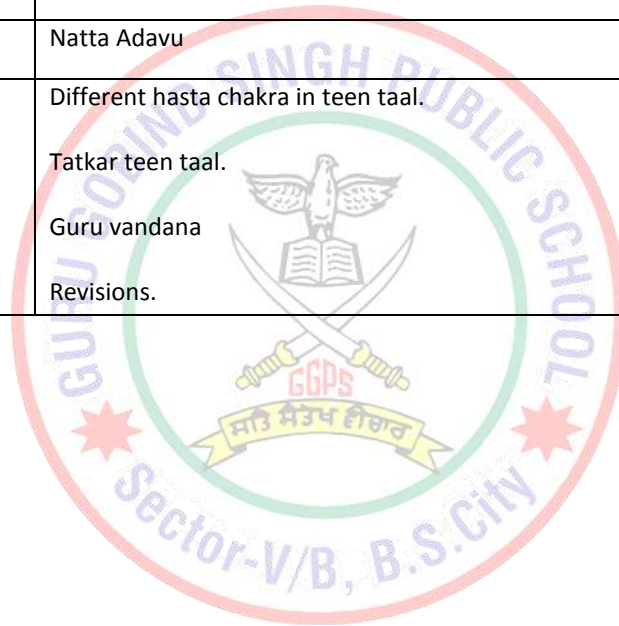
September	08	Revision & Half Yearly Examination		
October	15	Part A: Unit3.AI: Possibilities	<ul style="list-style-type: none"> ● Introduction. ● Skill in AI. ● Career Opportunities in AI. 	Make a chart on the top AI companies and the products or services provided by them.
		Unit 4. AI:Ethics	<ul style="list-style-type: none"> ● Introduction. ● Ethical issues surrounding AI. 	Suppose an AI enabled factory is being set up in your city. Write about the advantages as well as different ethical concern that can arise due to the same.
November	12	Part B: Unit7. Decision Making in Python	<ul style="list-style-type: none"> ● Introduction. ● Ifstatement. ● If else statement. ● If elif else statement. ● Decision Making with Logical Operators. 	To calculate simple interest, if the time is less than 5 years then the rate of interest will be 6% otherwise it will be 6.5%.
December	19	Unit 8. Looping in Python Unit 9. Data Science	<ul style="list-style-type: none"> ● Introduction. ● While Loop. ● For Loop ● Introduction. ● Sources of Data. ● Categories of Data. ● Purpose of Data Science. 	Write a python program to Accept 10 numbers and calculate and display their average.
January	17	Unit 9. Data Science	<ul style="list-style-type: none"> ● Careers in Data Science. ● Data Visualization. ● Elements of Data Science. ● Applications of Data Science ● Analytics of Text Data. ● Analytics on Image Data. ● Data Science & Artificial Intelligence. 	Make a ppt on Analytics on Text Data.
February	10	Revision & Annual Examination		
<p>For Annual Examination (Term-II) Selected chapters will be included in Annual Examination (Term-II) from Term-I portion. (Ch 1: - Artificial Intelligence: Excite Ch 2: - Relate & Purpose</p> <p>Note: -30%Marks (Term-I Portion) 70% Marks (Term-II Portion) Full Marks: -80.</p>				

CLASS – VIII

SUBJECT- DANCE

MONTHLY SYLLABUS BREAK-UP 2022-23

MONTH	W.D	TOPIC
APRIL	18	Tatta Adavu,bhoomi pranam..
MAY + JUNE	08 + 09	Chatusra ekam and chatusra triput taal. Basic standing position and various patterns of tatkar
JULY	22	One folk dance
AUGUST	19	One folk dance
SEPTEMBER	08 H.Y	Natta Adavu
OCTOBER	15	Natta Adavu
NOVEMBER + DECEMBER	12 + 19	Different hasta chakra in teen taal. Tatkar teen taal.
JANUARY	17	Guru vandana
FEBRUARY	10	Revisions.



Class 8

SUBJECT : PAINTING

MONTHLY SYLLABUS BREAKUP:2024-25

MONTH	WORKING DAYS	TOPIC
APRIL	18	SKETCH, DRAWING (LIVING THINGS)
May	08	CREATIVE ART
JUNE	09	ANY CHOICE OF COMPOSITION
JULY	22	GREETING CARD AND TEXTILE DESIGNS
AUGUST	19	ANY FESTIVAL (WATER COLOUR)
SEPTEMBER	08	PAPER MASHY WORK
OCTOBER	15	CREATIVE RELIEF WORK
NOVEMBER	12	NATURE STUDY
DECEMBER	19	CRAFT WORK
JANUARY	17	CREATIVE WORK AND DEFFERENT MODELS
FEBRUARY	10	PAPER MASHY AND CLAY WORK

