GURU GOBIND SINGH PUBLIC SCHOOL

SECTOR V/B, B.S.CITY

SYLLABUS

FOR

SESSION 2022-2023

CLASS: VIII

SUBJECT: ENGLISH

Prescribed Books: (1) New Pathways (8) Publisher: Oxford University

(2) New Learner's Grammar and Composition (8) Oxford University

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: A Most Important Person Grammar – Sentences, Prepositions Writing – Notice Writing Grammar Book – L1,2,15,17	Make a photo frame
MAY	14	Course Book – Unit 1 L3 – Somebody's Mother Unit 2 - Nurturing nature L1- A Day in the Country Grammar: Determiners, Adverbs Writing: Diary Entry Grammar Book: L3,4,5,129	Write a poem related to Nature
JUNE	6	Course Book – Unit 2, L-2 – Elephants Raid the Kitchen Grammar – Tenses Writing – Story Writing	Draft a Proverb Chart

		Grammar Book – Lesson 7,8,9	
JULY	21	Course Book – Unit 2, L3 – I Think I Could Turn and Live with Animals Unit 3 : Conflict and Hope L1 – Pocahontas Grammar: Tenses (to be continued), Conjunctions Writing: Story Writing(contd), Informal Letter Grammar Book: 10,14,23	Designing a Book Cover
AUGUST	14	Course Book – Unit 3, L2 – Can we change this? L3 – Refugee Blues Grammar: Subject Verb Agreement, Active and Passive Voice Writing: Informal Letter (to be continued) Grammar Book: L11,13,18	Prepare a month calendar in wall hanging
SEPTEMBER	9	Revision and Half Yearly Exams	
OCTOBER	14	Course Book – Unit 4: Unlikely Destinations L-1 Emperors on Ice L-2 Journey to the centre of the Earth. Grammar: Verbs Writing: Descriptive Paragraphs Grammar Book : L6,16	
NOVEMBER	21	Course book – Unit 4, Lesson 3 Imagination Unit5: Man and Machine L-1 The Diamond Maker Grammar: Reported Speech Writing: Poster Making Grammar Book : L-20,21,22	Make a Proverb Chart
DECEMBER	16	Course Book: Unit 5, L2- Feathered Friend, L3- The Choice,	Draft an Invitation

		Unit6, Lesson-1 The Red Headed League Grammar: Error of Edition Writing: Formal Letter Grammar Book: 4L23,24	
JANUARY	21	Course Book: Unit6, L2- The Talents Ghost, L3: Haunted houses Grammar: Modals Writing: Article Writing Grammar Book: L12,25	Composing Poem
FEBRUARY	13	Revision and Annual Exams	

30% of Half Yearly Examination Syllabus
Grammar
Topics: Sentences, Adverbs, Subject Verb Agreement, Tense
Notice Writing

SUBJECT:-HINDI

BOOKS PRESCRIBED :-

1:- वसंत भाग 3 NCERT

2:- भारत की खोज (पूरक पाठ्य पुस्तक) NCERT

3:- मयंक हिंदी व्याकरण भाग 8 गुरुकुल पब्लिकेशन

Month's Name	No. of working days	Chapter ./ Topic	Project/ Assignment
अप्रैल	18	**वसंत**-पाठ 1 ध्वनि (कविता) पाठ 2 लाख की चूड़ियां **भारत की खोज-**1-अहमदनगर का किला 2-तलाश **व्याकरण**- हमारी भाषा,वर्ण विचार, पत्र लेखन (औपचारिक, अनौपचारिक)	पत्र लेखन- औपचारिक पत्र, अनौपचारिक पत्र
मई	14	**वसंत** पाठ 3- बस की यात्रा पाठ 4- दीवानों की हस्ती **भारत की खोज** 3- सिंधु घाटी सभ्यता **व्याकरण**- शब्द विचार- संज्ञा, अनुच्छेद लेखन	
जून	06	**वसंत** पाठ 5-चिट्ठियों की अनूठी दुनिया **व्याकरण**- लिंग, वचन ,कारक	"मेरा भारत महान" यह वाक्य भारत के किन्हीं पांच भाषाओं में लिखें।
जुलाई	21	**वसंत** पाठ 6- भगवान के	स्वतंत्रता सेनानियों के चित्र चिपकाकर उनके जीवन परिचय दें। (A4 साइज

		डाकिए(कविता) पाठ 7- क्या निराश हुआ जाए(केवल पठन के लिए) पाठ 8- यह सबसे कठिन समय नहीं (कविता) **भारत की खोज** 4-युगों का दौर **व्याकरण-** सर्वनाम,विशेषण, पर्यायवाची शब्द एवं विलोम शब्द , अपठित गद्यांश	पेपर में)
अगस्त	19	**वसंत** पाठ 9- कबीर की साखियां पाठ 10- कामचोर **भारत की खोज** 5-नई समस्याएं व्याकरण- अपठित पद्यांश, क्रिया, क्रिया विशेषण, अनेक शब्दों के लिए एक शब्द	
सितम्बर	09	पुनरावृत्ति कार्य अर्धवार्षिक परीक्षा	
अक्टूबर	14	**वसंत** पाठ 11- जब सिनेमा ने बोलना सीखा पाठ 12- सुदामा चरित (कविता) **भारत की खोज** 6- अंतिम दौर -एक **व्याकरण**- समास	सूरदास तुलसीदास मीराबाई इन तीनों कवि और कवयित्री के चित्र चिपकाकर जीवन परिचय दें A4 साइज पेपर में
नवम्बर	21	**वसंत** पाठ 13- जहां पहिया है पाठ 14- अकबरी लोटा **भारत की खोज** 7-अंतिम दौर -दो **व्याकरण**- विराम चिह्न, मुहावरे, पत्र लेखन, अपठित पद्यांश	कोरोना वायरस क्या है? इससे कैसे बचा जा सकता है? संक्षिप्त विवरण दें।

दिसम्बर	16	**वसंत** पाठ- 15- सूर के पद (कविता) पाठ 16- पानी की कहानी **भारत की खोज** 8-तनाव 9- दो पृष्ठभूमियां (भारतीय और अंग्रेजी) **व्याकरण**- सामान्य अशुद्धियां	
जनवरी	21	**वसंत** पाठ 17- बाज और सांप पाठ 18- टोपी **भारत की खोज** -प्रश्न उत्तर **व्याकरण**- उपसर्ग ,प्रत्यय, अर्थ के आधार पर वाक्य भेद।	
फरवरी	13	पुनरावृत्ति कार्य वार्षिक परीक्षा	

ANNUAL EXAMINATION

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

पाठ्य पुस्तक:--- वसंत

पाठ 3:- बस की यात्रा

पाठ 6 :-भगवान के डाकिए (कविता)

पाठ 10 :-कामचोर

व्याकरण:----

*पत्र लेखन *अनुच्छेद लेखन *अपठित गद्यांश

गुरू गोबिन्द सिंह पब्लिक स्कूल
संस्कृत पाठ्यक्रम 2022–2023
कक्षा–अष्टम्

<u>पाठ्यक्रमानुसार निर्धारित पाठ्य पुस्तकें</u>

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

पाठ्यक्रम का मासिक विभाजनः–

अप्रैल (18) : पाठ्यपुस्तकात्–

पाठः 1 – प्रार्थना।

पाठः 2 – जन्तुशाला।

व्याकरणानि : स्वर सन्धि – दीर्घ, गुण, वृद्धि,
अपठित गद्यांशम्, पत्रलेखनम्, चित्र लेखनम्, संख्या 1–50,
शब्दरूपाणि लतावत्, बालकवत्, फलवत्, सर्वनाम
शब्दरूपाणि–अस्मद् युषमद्। तद किम् त्रिषु–लिङगेषु,
धातु–रूपाणि–दृश,अस्, गम, पठ् लट्, लृट्, लङ् लकारे,
कारकप्रकरणात् संस्कृतेन अनुवादम् कर्ता–क्रिया,

मई (14) : व्याकरणानि : समयलेखनम्, अव्ययप्रकरणम्।
पाठः 3 : सुभाषितानि
पाठः 4 : दुर्बुद्धिः विनश्यति

जून (6) : पाठः 5 : त्रयः प्रश्नाः
व्याकरणानि : प्रत्ययाः–क्त्वा, ल्यप्, तुमुन्

<u>परियोजना कार्यम्</u>

परियोजना कार्यम् – संख्यावाची 1–4 तक का पुलिंग, स्त्रीलिंग,
तथा नपुंसकालिंग के आधार पर तालिका बनायें,

जुलाई (21): पाठः 6 : देशरत्न डा0 राजेन्द्र प्रसाद
पाठः 7 : गीतामृतम्
व्याकरणानि : उपपदविभक्तिभिः 1. द्वितीया – उभयतः
परितः, प्रति, विना, समया, नम्,
2. तृतीया – सह, विना, अलम्,
3. चतुर्थी – नमः, अलम्, क्रुध्, दा

अगस्त (19): पाठः 8 : व्यायामः
पाठः 9 : वीराङ्गना लक्ष्मीबाई
व्याकरणानि : उपसर्गाः – आ, वि, प्रति, उप, अनु, निर, प्र, अधि, अप,
नि, अव अपठित गद्यांश, पत्रलेखनम्, चित्रः लेखनम्,
संस्कृतेन अनुवादम्

सितम्बर (9): पुनरावृत्ति कार्यम् तथा अर्द्धवार्षिक परीक्षायाः शुभारम्भः।

अक्टूबर (14):	पाठः 10	:	महाराणा प्रताप
	पाठः 11	:	भोजनम् शरीर–रक्षकम्
	व्याकरणानि	:	उपपदविभक्तितिभिः–
			1. पञ्चमी – ऋते, बहिः
			2. षष्ठी – अधः, उपरि, पूरतः
			3. सप्तमी – कुशलः, स्निह्, विश्वस्
			प्रत्ययाः – क्त्वा, ल्यप्, तुमुन, अव्यय
			प्रकरणम्, समय लेखनम्
नवम्बर (21):	पाठः 12	:	त्रयोः धूर्त्ताः
	पाठः 13	:	विद्या राजसु पूजिता
	व्याकरणानि	:	स्वरसन्धि–दीर्घ, गुण, वृद्धिः,
			अपठितगद्यांश, पत्रलेखनम्, चित्रलेखनम् संस्कृतेन
			अनुवादम्, संख्यावाची शब्दाः एकतः चतुर्पर्यन्तम् त्रिषु लिङ्गेषु,
दिसम्बर (16):	पाठः 14	:	श्लोकस्तबकम्
	पाठः 15	:	भगवान् बुद्ध
	व्याकरणानि	:	शब्दरूपाणि – लतावत्, बालकवत्
			फलवत्, सर्वनामशब्दाः–तत्, किम्
			(त्रिषु लिङ्गेषु), धातुरूपाणि–पठ्, दृश्, नम्, खाद्
			(त्रिषु लकारेषु),
जनवरी (21):	पाठः 16	:	सर्वोत्तमः वरः
	व्याकरणानि	:	उपसर्गाः– अपठित गद्यांशं, चित्रलेखनम्, पत्र–लेखनम्,
			संख्या (1–4 त्रिषु लिङ्गेषु, तथा 1–50, समय लेखनम्,
			अव्यय–प्रकरणम्, सन्धि संस्कृतेन अनुवादम्,
	उपपदविभक्तिभिः द्वितीया–सप्तमी, दीर्घ, गुण, वृद्धिः,,		

फरवरी (13): 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 – (2022 -23)

Months Name	No. of working days	Chapter	Content	Activity
April	18	1. Rational Numbers	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.	Represent Rational Numbers on number Line.
		2. Linear Equations in One Variable	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	
		3. Understanding Quadrilaterals	a. Introduction b. Polygons, Classification of polygon, Concave and convex polygons, Angle sum property c. Kinds of Quadrilaterals d. Word Problems e. Introduction	To make different convex and concave polygons by paper cutting and folding.
May	14	4. Practical Geometry	a. Introduction b. Constructing a Quadrilateral	To verify that the sum of exterior angles of any polygon is 360^0.
		5. Data Handling	a. Grouping of data b. Construction and interpretation of bar graph	
June	06	6. Squares and Square Roots	a. Squares b. Square roots c. Estimating square roots d. Process of moving nearest to the square root	
July	21	7. Cubes and Cube Roots	a. Introduction b. Cubes c. Cube roots d. Estimating Cube root e. Process of moving nearest to cube root of a given number	Knowledge and classification of solid figures with respect to the surface areas and volumes.
		8. Comparing	a. Recalling Ratios and	

		Quantities	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	
August	19	9. Algebraic Expressions and Identities 10. Visualising Solid Shapes	a. Introduction b. Multiplication of Algebraic Expressions c. Problems a. Introduction b. Identifying and matching pictures c. Drawing 2D representing of 3D pictures d. Euler's Relationship Integers as Exponents	To verify the algebraic identity by paper cutting and pasting. $(a+b)^2$ $= a^2 + b^2 + 2ab$
September	09	REVISION		
Half Yearly Exam				
October	14	11. Mensuration	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	Activity: To make Cubes and Cuboids of given dimensions using unit cubes and to calculate the volume of each.
November	21	12. Exponents and Powers 13. Direct and Inverse Proportions	a. Introduction b. Laws of exponents with integral powers c. Questions Based on exponents and powers a. Introduction b. Word problems based on Direct and Inverse Proportion	To verify the algebraic identity $(a+b)^3$ $= a^3 + b^3 + 3a^2b$ $+ 3ab^2$
December	16	14. Factorisation	a. Introduction b. Factorisation c. Algebraic Method of Solving Linear Equations d. Word problems	Construct a cylinder with the help of plane sheet.
January	21	15. Introduction to Graphs 16. Playing with Numbers	a. Introduction b. Bar Graph, A Pie graph, A line graph, Histogram c. Axis system (Cartesian system) d. Plotting points for different situations e. Reading of linear graphs a. Introduction b. Numbers in General Form c. Divisibility Test d. Word Problem	Draw the line graph between circumference of circle and its area.

February	13	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)

Note: 30% Marks (Term – I Portion)
70% Marks (Term – II Portion)
Full Marks: 80

Subject : Physics

Prescribed Books

S.Chand Science 8, Lakhmir Singh and Manjit Kaur
Publisher: S.Chand

Syllabus for the whole year

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

Month's Name	No. of Working days	Chapter/Topic	Content/ Sub Topic In detail	Experiment/Project /Activity
April	18	Ch.11.Force and pressure	Force; Effects of Force; Types of force: Muscular Force, Frictional Force, Magnetic Force, Electrostatic Force and Gravitational Force ; Pressure: Explanation of Some Everyday Observations on the basis of Pressure; Pressure exerted by Liquid, Pascal's law, Atmospheric Pressure;	1. To show the effect of force on the shape of different objects. 2. To study the effect of magnet on different materials. 3. To show that atmosphere exerts pressure, by using a glass filled with water with a cardboard sheet. 4. Make a liquid pressure tester using a glass tube and a ballon.
			Application of Atmospheric Pressure in Everyday Life	
May	14	Ch.12.Friction	Introduction of Friction, frictional force, Cause of friction, Factors on which Friction depends	1. To study the dependence of friction on the nature of surface.
June	06	Ch.12.Friction (Contd...)	Types of friction, Fluid friction; Friction in liquids and gases(Drag), Streamlined shapes	2. To show that rolling friction is less than sliding friction.
July	21	Ch.12.Friction (Completed)	Advantages and Disadvantages of friction, Method of increasing and decreasing friction	1. To show that sound is produced by a vibrating body.
		Ch.13. Sound	Sound produced by vibrating body, Sound produced by musical instruments	
August	19	Ch.13. Sound(Contd…)	Sound needs a medium to propagate, Amplitude, Frequency and Time period, characteristics of sound, Sound produced by Humans	2. To show that sound cannot travel in vacuum, it requires a medium to travel
September	09	Ch.13.Sound (Completed)	Human ear, Audible and Inaudible Sounds, Infrasonic Sounds, Ultrasonic Sounds, Noise and Music, Noise pollution, Hearing Impairment . **REVISION**	3. Prepare a different types of Musical Instruments with Thermocol.

HALF YEARLY EXAMINATION				
October	14	Ch.15.Some Natural Phenomena	Lightning , Electrical charges, Charging by rubbing, , Charging by induction, Charging by conduction, Transfer of charge, Lightning &Thunder, Lightning Conductor, Safety measures to be taken during lightning. Earthquakes, Causes of earthquake, Protection against earthquakes, Personal safety	1. To show that like charges repels each other. 2. 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. 3. Prepare an electroscope.
November	21	Ch.16.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	Prepare a kaleidoscope.
December	16	Ch.16.Light (Completed)	The Human eye, Persistence of vision, Defects of vision, Visually challenged person and the Braille System, Eye Care and Visually Challenged People	Draw a structure of Human eye.
January	21	Ch.17. Stars and the Solar System	The Moon and its phases, Stars, Constellations, The Solar System, Planets, Artificial Satellites, The Eight Planets, Meteoroids, meteor and meteorites.	Make a model of The Solar System using different waste materials.
February	*13*	**REVISION**		
ANNUALEXAMINATION				

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

1. ***Sound***
2. ***Types of Forces***
3. ***Entire Syllabus of second term.***

Subject: CHEMISTRY

Prescribed Book : LAKHMIR SINGH'S SCIENCE - 8

Publisher : S. CHAND

Syllabus for the whole year:

1. Synthetic Fibres and Plastics
2. Materials - Metal and Non-Metal
3. Coal and Petroleum
4. Combustion and Flame
5. Chemical Effect of Electric Current

Month's Name	No. of working days	Chapter No./ Title	Project/ Assignment
April	18	Lesson 3 Synthetic Fibres and Plastics (Cont.).	i) Collection of Synthetic fibres
May	14	Lesson 3 Synthetic Fibres and Plastics (completed) Lesson 4 Metals and Non-Metals	ii) Burning of Magnesium ribbon
June	06	Lesson 4 Metals and Non-Metals (Cont.)	
July	21	Lesson 4 Metals and Non-Metals (Cont. and completed) Lesson 5 Coal and Petroleum	iii) Collect and display five metals and 5 non-metals
August	19	Lesson 5 Coal and Petroleum (Cont.)	
September	09	Lesson 5 Coal and Petroleum (Cont. and Completed)	iv)To show that Oxygen is necessary for Combustion
HALF YEARLY EXAMINATION			
October	14	Lesson 6 Combustion and Flame (Cont.)	
November	21	Lesson 6 Combustion and Flame (Cont. and Completed) Lesson 14 Chemical effect of electric current (Cont.)	v) To show that liquid conduct electricity
December	**16**	Lesson 14 Chemical effect of electric current (Cont.)	vi) To show that effect of burning (combustion) on different materials i.e. cotton and rayon.
January	**21**	Lesson 14 Chemical effect of electric current (Cont. and completed)	

ANNUAL EXAMINATION

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

1.Types of Plastics, Useful properties of plastics
2. Fossil fuels, Coal and its uses, Products of Coal
3. Uses of Metals and Non-metals
4. Entire Syllabus of Second term

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. Air and Water Pollution

Month	No. of working days	Chapter No./ Title	Project/ Assignment
April	18	Lesson: 1 Crop production and Management	i) Prepare a report on agricultural practices.
May	14	Lesson: 2 Micro-organisms	ii)To separate damaged seeds from healthy seeds.
June	06	Lesson: 2 Micro-organism Cont. And completed	iii)To show that carbon dioxide and alcohol is produced during fermentation
July	21	Lesson 7 Conservation of Plants and Animals	
August	19	Lesson 8 Cell – Structure and Functions	iv)To observe Bread Mould
September	09	Lesson 8 Cell – Structure and Functions Cont. And Completed **Revision**	
HALF YEARLY EXAMINATION			
October	14	Lesson 9 Reproduction in Animals	
November	21	Lesson 9 Reproduction in Animals (Cont. And completed) Lesson 10 Reaching the age of Adolescence	v) To show a model of reproductive system in Humans
December	16	Lesson 10 Reaching the age of Adolescence (Cont. And completed	
January	21	Lesson 18 Air and Water Pollution	vi)To prepare a chart to show the endocrine system.
February	13	Lesson: 18 Air and Water Pollution (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

Split – Up Syllabus for the Session 2022 – 2023

Month	Working Days	Subject	Chapter	Activity
April	18.	History.		1.) Where, When and How
				2.) Establishment of British Rule in India
		Civics.		1.) The Indian Constitution
		Geography		1.) Resources
May.	14.	History.		3.) Rural life and society
		Civics.		2.) Understanding secularism
		Geography		2.) Land and Soil Resources
				3.) Water Resources
June.	06.	History.		4.) Tribal Societies
		Geography		3.) Water Resources
July.	21.	History.		5.) Crafts and Industries
				6.) The Revolt of 1857
		Civics.		3.) The Indian Parliament
		Geography		4.) Natural Vegetation and Wildlife
				5.) Mineral and Energy Resources
August.	19.	History.		7.) Colonial Education
				8.) Women and Reforms
		Civics.		4.) Laws
		Geography.		6.) Agricultural Practices
September.	09.	--------		**"REVISION"**
October.	14.	History.		9.) Challenging the caste system
				10.) Colonialism And Urban Change
		Civics.		5.) Judiciary In India
		Geography.		7.) Major Crops
November.	21.	History.		11.) Changes in the Arts: Painting, Literature and Architecture
				12.) The Nationalist Movement: Rise and growth till 1905
		Civics.		6.) Criminal Justice System
		Geography.		8.) Manufacturing Industries
December.	16.	History.		13.) The National Movement – 1
		Civics.		7.) Marginalization
				8.) Challenging Marginalization
		Geography		9.) Industries: India and The world
January.	21.	History.		14.) The National Movement – 2
				15.) The National Movement – 3
		Civics.		9.) Development and Government
		Geography.		10.) Human Resources
				11.) Disaster Management
February.	13.	- -------		**REVISION & ANNUAL EXAMINATION**

NOTE: 30% syllabus from 1st semester

History : Chapter-2 : Rural life and society
Chapter-3: Tribal societies

Civics : Chapter-3: The Indian parliament

Geography : Chapter-1: Resources
Chapter-3: Water Resources

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Computer Science

Syllabus(Session 2022-2023)

Class – VIII

Month's Name	No. of working days	Unit No./Title	Content/Topic	Practical/Activity
April	**18**	**PART-A** **Unit 1. Log on to Access**	• Types of databases • Elements of DBMS • Advantages of DBMS. • Introduction to Access • Components of Access 2016 window • Starting Access 2016 • Creating a Database • Views of a table • Rules for naming variables • Data Types in Access 2016 • Adding Tables • Primary Key • Editing Tables in Access 2016 • Sorting, Filtering and Searching in a Database • Closing Access 2016 • Opening a saved Database.	Create a table in Access 2016,displaying the details of the residents of a society. Draw the components of MS-Access window.
May	**14**	**Unit 2. Queries , Forms and Reports in Access**	• Setting a relationship between Tables. • Query • Forms • Reports	Create a table named Student details with the fields std_name, roll no, DOB, Age. Create a query and report using this table.
June	**06**	**PART B:** **Unit 5. Excite**	• Introduction to Artificial Intelligence • The Need for AI • History of AI •	
July	**21**		• Difference between Human intelligence and Artificial Intelligence • Types of Artificial Intelligence • Difference between weak AI and Strong AI. • AI Integration with other Disciplines. • Three Domains of AI. • Fields related to AI. • Applications of AI. • Benefits of AI. • Limitations of AI.	Make a ppt for smart cities and smart industries using AI.
			•	

August	**19**	**Unit 6. Relate**	• AI Reshaping everyday life. • AI in various industries. • Tracing the history of Chatbots • AI opportunities and Threats • Impact and Relevance of AI in Daily life • The concept of smart living • What is smart home? • Smart cities • Smart devices versus Smart Systems. • Smart cities contributing to UN SDGs.	Ice breaker activity.
September	**09**	**Revision & Half Yearly Examination**		
October	**14**	**Part A: Unit 3. Introduction to Apps**	• What are Apps? • Installing an App • Commonly known Apps and their Usage • Mobile operating System	Create a presentation showing popular apps available on different mobile operating systems in the following areas:- Nutrition Mathematics English grammar Dictionary Games Yoga.
		Unit 4. Developing an App	• Tools used to Develop Apps • MIT App Inventor • Developing an App with App with App Inventor.	Develop an app that converts the text you type in textbox1 to uppercase and shows the text in textbox2 when the button is clicked.
November	**21**	**Part B: Unit 7. Purpose**	• Sustainable Development Goals • Three Domains of Sustainable Development. • Objective of Sustainable Development Goals. • SDG Challenges and solutions • How AI can help achieve SDGs.	Browse the internet and find out how AI can be used to achieve the following SDGs.
December	**16**	**Unit 8. Possibilities**	• Advent of artificial intelligence • AI:-Transforming the way we live. • The fast evolving focus on AI research • Evolution of technology. • Possibilities that Open up with AI • Career opportunities in AI	Research about any three Indian companies that are working on providing AI solutions.
January	**21**	**Unit 9.**	• AI Ethics	Explain how AI can

		AI Ethics	• Raising good machines. • Privacy Concerns related to AI • Ethics Related to Robotics • AI policy.	be utilized across various domains.
February	**13**	**Revision & Annual Examination**		

For Annual Examination (Term-II)

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

Note:-30% Marks(Term-I Portion)
70% Marks(Term-II Portion)
Full Marks:-40

GURU GOBIND SINGH PUBLIC SCHOOL

SECTOR - 5, BOKARO STEEL CITY

CLASS – VIII PAINTING

MONTHLY SYLLABUS BREAK-UP FOR 2022-23

MONTH	W.D	TOPIC
APRIL	18	SKETCH, DRAWING (LIVING THING)
MAY	14	CREATIVE ART
JUNE	06	ANY CHOICE COMPOSITION
JULY	21	GREETING CARD AND TEXTILE DESIGN
AUGUST	19	ANY FESTIVAL (WATER COLOUR)
SEPTEMBER	09	PAPER MASHY WORK
OCTOBER	14	CREATIVE RELIEF WORK
NOVEMBER	21	NATURE STUDY
DECEMBER	16	CRAFT WORK
JANUARY	21	CRAFT WORK AND DIFFERENT MODELS
FEBRUARY	13	PAPER MASHY AND CLAY WORK

SUBJECT- DANCE

MONTH	W.D	TOPIC
APRIL	18	Tatta Adavu,bhoomi pranam..
MAY + JUNE	18 + 06	Chatusra ekam and chatusra triput taal. Basic standing position and various patterns of tatkar
JULY	21	One folk dance
AUGUST	19	One folk dance
SEPTEMBER	09 H.Y	Natta Adavu
OCTOBER	14	Natta Adavu
NOVEMBER + DECEMBER JANUARY FEBRUARY	21 + 13 21 13	Different hasta chakra in teen taal. Tatkar teen taal. Guru vandana Revisions.