

GURU GOBIND SINGH PUBLIC SCHOOL
SECTOR-V/B, BOKARO STEEL CITY
SYLLABUS: 2023 – 24
SUBJECT: ENGLISH

Class: VII

Prescribed Books:

- New Pathways – 7 An interactive Course in English
- New Learner's Grammar and Composition

Publisher

Oxford University Press
Oxford University Press

Month	WorkingDays	Chapters/ Topics	Activity/GGPS Curriculum
April	17	<u>New Pathways – 7:</u> Unit – 1 Section – 1: A Hero Section – 2: The Scholarship Jacket <u>New Learner's Grammar And Composition:</u> Ch – 16: The Sentence Ch – 1: Nouns Ch – 2: Articles <u>Comprehension</u> 1. (Page No. 208) <u>WritingSection:</u> <ul style="list-style-type: none"> • Paragraph writing 	1. Write a story of your real life hero in 80 words and speak in the class. 2. Synonyms
May & June	10 and 09	<u>New Pathways – 7:</u> Unit – 1 Section – 3: The Flower-School Unit – 2 Section – 1: The Quest for El Dorado <u>New Learner's Grammar And Composition:</u> Ch –3: Pronouns Ch – 4: Adjectives Check Your Progress 1 Ch – 5: Verbs <u>WritingSection :</u> <ul style="list-style-type: none"> • Diary Entry 	1. Think of a unique creature (alien) and frame a story in 80 words. 2. Antonyms
July	20	<u>New Pathways - 7:</u> Unit – 2 Section – 2: The Diary of a Space Traveller Section – 3: Trains Unit – 3 Section – 1: The One Who Survived <u>New Learner's Grammar And Composition:</u> Ch – 6: Verbs: Present Tense Ch – 7: Verbs: Past Tense Ch – 8: Verbs: Future Tense <u>Comprehension</u> 2. (Page No. 210) <u>WritingSection:</u> <ul style="list-style-type: none"> • Notice Writing 	1. Make a calendar of tenses. 2. Analogies and Spellings

August	21	<u>New Pathways - 7:</u> Unit – 3 Section – 2: The Narayanpur Incident Section – 3: The Ballad of Mulan <u>New Learner's Grammar And Composition:</u> Ch – 9: Verbs: Perfect Tense Ch – 10: Verbs: Non-finite Types <u>WritingSection:</u> <ul style="list-style-type: none"> Formal Letter (Application) 	1. One Word Substitutions; Idioms and Proverbs 2. Error - Correction
September	09	Revision of the Half yearly portion Portion from April to August	
October	17	<u>New Pathways - 7:</u> Unit – 4 Section – 1: Something Wonderful Happens When You Plant a Seed Section – 2: Flames in the Forest <u>New Learner's Grammar And Composition:</u> Ch – 11: Modals Ch – 12: Active and Passive Voice Check Your Progress 2 Test Paper - 1 Ch – 13: Adverbs <u>WritingSection:</u> <ul style="list-style-type: none"> Formal Letter (To Editor) 	Group Discussion on the topic "Benefits and harmful effects of fire."
November	14	<u>New Pathways - 7:</u> Unit – 4 Section – 3: The River Unit – 5 Section – 1: Bidesia Babu <u>New Learner's Grammar And Composition:</u> Ch – 14: Prepositions Ch – 15: Conjunctions <u>Comprehension</u> 3. (Page No. 211) <u>WritingSection:</u> <ul style="list-style-type: none"> Advertisement and Poster making 	1. Write the names of famous rivers and speak about them in the class. 2. Sentences and Sentence Sequencing
December	15	<u>New Pathways - 7:</u> Unit - 5 Section – 2: The Too-Many Professors Section – 3: Goodbye Party for Miss Pushpa T.S. <u>New Learner's Grammar And Composition:</u> Ch – 17: Phrases and Clauses Ch – 18: Sentence Types <u>WritingSection:</u> <ul style="list-style-type: none"> Analytical Paragraph 	1. Write about different inventions and speak about them in the class. 2. Sequencing – Stories, Events and Snippets

January	18	<u>New Pathways – 7:</u> Unit - 6 Section – 1: What Lucy Found There Section – 2: Guilty <u>New Learner’s Grammar And Composition:</u> Ch – 19: Direct and Indirect Speech Ch – 20: Punctuation Check Your Progress 3 <u>Comprehension</u> 4. (Page No. 212) <u>Writing Section:</u> <ul style="list-style-type: none"> • Informal Letter 	1. Edition and Omission
February	11	<u>New Pathways – 7:</u> Unit – 6 Section – 3: The Listeners <u>New Learner’s Grammar And Composition:</u> Ch – 21: Phrasal Verbs and Idioms Ch – 22: Vocabulary Test Paper - 2 <u>Comprehension</u> 5. (Page No. 215) Revision of Annual Exam Portion from October to February	

Note: Annual Exam Portion

Course book - Ch - 1: A Hero

Grammar - Ch – 16: The Sentence

Writing Section: Notice Writing

*10% of the Half yearly portion will be included for Annual exam.



गुरु गोबिंद सिंह पब्लिक स्कूल

जनवृत पाँच 'बी' बोकारो इस्पात नगर

वार्षिक पाठ्यक्रम सत्र - 2023-24

कक्षा - 7

विषय - हिंदी

पाठ्यपुस्तकों के नाम:- पाठमाला :-वसंत हिंदी पाठमाला (भाग 7)

प्रकाशन :- पब्लिकेशन - राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद

पाठ्य पुस्तक :- बाल महाभारत

प्रकाशन:-राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद

व्याकरण- गुरुकुल मयंक हिंदी व्याकरण

प्रकाशन :- गुरुकुल पब्लिकेशन (प्रा०) लिमिटेड

लेखन व संपादन :- सदन कुमार सिन्हा ।

महीनों के नाम	कार्य दिवस	पाठ्यपुस्तक + बाल महाभारत कथा	व्याकरण	कलाकौशल (Art Integrated)	परियोजना कार्य/ गुरु गोबिंद सिंह अतिरिक्त पाठ्यक्रम
अप्रैल	17	पाठ 1 हम पंछी उन्मुक्त गगन के पाठ 2 दादी माँ पाठ 3 हिमालय की बेटियाँ पाठ 1 महाभारत कथा पाठ 2 देवव्रत पाठ 3 भीष्म प्रतिज्ञा पाठ 4 अंबा और भीष्म	भाषा, वर्ण , शब्द विचार, लिंग, पेज नंबर(40-41) आ प्रत्यय से इका प्रत्यय तक), वचन बदलें पेज नंबर(46-47) (आकारांत से इकारांत और ईकारांत तक)	शिक्षक की अनुपस्थिति में आप अपनी कक्षा में किस प्रकार शांति स्थापित कर सकते हैं? पाँच वाक्य में लिखिए।	
मई	10	पाठ 4 कठपुतली पाठ 5 मिठाईवाला पाठ 5 विदुर पाठ 6 कुंती पाठ 7 भीम पाठ 8 कर्ण	संज्ञा,समानार्थी शब्द (1से20), विलोम शब्द (अतिवृष्टि से सुलभ तक), वाक्यांशों के लिए एक शब्द(1 से 20 तक), अनेकार्थी शब्द(1 से 10 तक), समरूपी भिन्नार्थक शब्द(1 से 20 तक), मुहावरे (1 से 18 तक)	खानपान के मामले में शुद्धता का मसला काफी पुराना है।अपने अनुभव में इस तरह की मिलावट को देखा है ? किसी फिल्म या अखबारी खबर के हवाले से खानपान में होनेवाली मिलावट के नुकसानों की चर्चा कीजिए।	कौरव और पांडवों का वंश वृक्ष तैयार करें।
जून	09	पाठ 6 रक्त और हमारा शरीर पाठ 9 द्रोणाचार्य पाठ 10 लाख का घर पाठ 11 पांडवों की रक्षा	सर्वनाम ,उपसर्ग, प्रत्यय,संधि (संक्षिप्त परिचय)		किसी एक खेल को खेले जाने की विधि का मॉडल बनाकर उसका वर्णन अपने शब्दों में

		पाठ 12 द्रौपदी स्वयंवर			कीजिए ।
जुलाई	20	पाठ 7 पापा खो गए पाठ 8 शाम एक किसान पाठ 9 चिड़िया की बच्ची पाठ 13 इन्द्रप्रस्थ पाठ 14 जरासंध पाठ 15 शकुनि का प्रवेश पाठ 16 चौसर का खेल व द्रौपदी की व्यथा पाठ 17 धृतराष्ट्र की चिंता	विशेषण, कारक , निबंध	आप नदियों को किस रूप में देखते हैं? उनकी सफाई के लिए क्या प्रयास करते हैं या कर सकते हैं? लिखें ।	
अगस्त	21	पाठ 10 अपूर्व अनुभव पाठ 11 रहीम के दोहे पाठ 18 भीम और हनुमान पाठ 19 द्वेष करने वाले का जी नहीं भरता पाठ 20 मायावी सरोवर पाठ 21 यक्ष प्रश्न	औपचारिक पत्र, गद्यांश		सूचना लेखन गुरु गोविंद सिंह अतिरिक्त पाठ्यक्रम।
सितम्बर	09	पुनरावृत्ति और अर्धवार्षिक परीक्षा पाठमाला पाठ 1 से 11 तक महाभारत पाठ 1 से 21 यक्ष प्रश्न व्याकरण अप्रैल से सितंबर तक	पुनरावृत्ति और अर्धवार्षिक परीक्षा		
अक्टूबर	17	पाठ 12 कंचा पाठ 13 एक तिनका पाठ 22 अज्ञातवास पाठ 23 प्रतिज्ञापूर्ति पाठ 24 विराट का भ्रम पाठ 25 मंत्रणा पाठ 26 राजदूत संजय	क्रिया, अविकारी, शब्द, समास (संक्षिप्त परिचय)		यदि आपके घर के आसपास किसी पक्षी ने अपना वास बनाया है और किसी कारणवश आपको अपना घर बदलना पड़ रहा है तो आप उस पक्षी के लिए किस तरह के प्रबंध करेंगे।
नवंबर	14	पाठ 14 खानपान की बदलती तस्वीर पाठ 15 नीलकंठ पाठ 27 शांतिदूत श्रीकृष्ण पाठ 28 पांडवों और कौरवों के सेनापति पाठ 29 पहला ,दूसरा और तीसरा दिन पाठ 30 चौथा ,पांचवाँ और छठा दिन पाठ 31 सातवाँ आठवाँ और नवां दिन	काल, विरामचिह्न, लिंग बदलें पेज न. 41 -42 , (आनी प्रत्यय से अन्य उदाहरण तक), वचन बदलें (इया से आकारांत तक)	शरीर के किसी अंग में अचानक रक्त संचार रुक जाने से क्या- क्या परिस्थितियाँ उत्पन्न हो सकती हैं (विस्तार से लिखिए)	
दिसंबर	15	पाठ 16 भोर और बरखा पाठ 17 वीर कुंवर सिंह	समानार्थी शब्द(21 से 40		अपनी गलतियों के लिए माफी माँगना आसान

		पाठ 32 भीष्म शर- शय्या पर पाठ 33 बारहवाँ दिन पाठ 34 अभिमन्यु पाठ 35 युधिष्ठिर की चिंता और कामना पाठ 36 भूरिश्रवा ,जयद्रथ और आचार्य द्रोण का अंत	तक), विलोम शब्द(धनी से आहार तक), अनेकार्थी शब्द(11 से 20 तक), वाक्यांशों के लिए एक शब्द (21 से 40 तक) समरूपी भिन्नार्थक शब्द (21 से 40 तक) , मुहावरे (19 से 35 तक) निबंध		होता है या मुश्किल । आप या आपके आसपास के लोग अपनी गलतियों के लिए माफी मांग लेते हैं । अपने अनुभव के आधार पर लिखें ।
जनवरी	18	पाठ 18 संघर्ष के कारण मैं तुनक मिजाज हो गया पाठ 19 आश्रम का अनुमानित व्यय पाठ 20 विप्लव गायन पाठ 37 कर्ण और दुर्योधन भी मारे गए पाठ 38 अश्वत्थामा पाठ 39 युधिष्ठिर की वेदना पाठ 40 पांडवों का धृतराष्ट्र के प्रति व्यवहार पाठ 41 श्रीकृष्ण और युधिष्ठिर	अनौपचारिक पत्र उपसर्ग, प्रत्यय, अपठित गद्यांश	धनराज पिल्लै के जीवन से आपको क्या प्रेरणा मिलती है? लिखें ।	डायरी लेखन गुरु गोबिंद सिंह अतिरिक्त पाठ्यक्रम
फरवरी	11	पुनरावृत्ति और वार्षिक परीक्षा पाठ 12 से 20 तक महाभारत पाठ 22 से 41 व्याकरण अक्टूबर से फरवरी तक	पुनरावृत्ति और वार्षिक परीक्षा		

- अर्धवार्षिक परीक्षा:- पाठमाला पाठ 1 से 11 तक
- महाभारत पाठ 1 से 21 यक्ष प्रश्न
- व्याकरण अप्रैल से सितंबर तक
- वार्षिक परीक्षा :- पाठ 12 से 20 तक
- महाभारत पाठ 22 से 41
- व्याकरण अक्टूबर से फरवरी तक
- अर्धवार्षिक परीक्षा पाठ्यक्रम का 20%
- पाठमाला :- पाठ 10 अपूर्व अनुभव , पाठ 11 रहीम के दोहे पाठ
- महाभारत पाठ 20 मायावी सरोवर, पाठ 21 यक्षप्रश्न
- व्याकरण से :- पत्र (औपचारिक पत्र), विशेषण

संस्कृत पाठ्यक्रम

सत्र 2023-24

विषय : - संस्कृत

कक्षा : - सप्तम

पुस्तको के नाम :-पाठ्य पुस्तक

(1) सुबोध संस्कृत माला भाग :3 सॉविनिर पब्लिशर्स प्रा0 लि0

(2) व्याकरण :-मणिका संस्कृत व्याकरण (न्यू सरस्वती हाउस) भाग- 7

पाठ्यक्रम का मासिक विभाजन : -

मास		पाठ	परियोजना कार्य
अप्रैल	17	पाठ :1) प्रार्थना पाठ :2) गुरुभक्तः आरुणिः पाठ :3) अरण्यम् व्याकरणम् :-संस्कृत वर्णमाला एवं वर्णों के उच्चारण स्थान । शब्द रूप :-देव ,रमा मित्र, ।	
मई	10	पाठ :4) श्लोकाः पाठ :5) चतुरः काकः व्याकरण :धातु रूप :-पठ् ,खाद्,भू ,नम् ,गम् (लट् ,लृट् तथा लङ् लकार में) , संख्या शब्द- 1 -30 ।	स्त्रीलिंग शब्दों को वृक्ष के अंदर लिखें । प्रार्थना पाठ चार्ट पर सुंदर अक्षरों में लिखें ।
जून	09	व्याकरण :-अपठित गद्यांश , कारक ।	
जुलाई	20	पाठ : 6 :उपदेशो हि मूर्खाणाम् पाठ : 7) नीतिश्लोकाः पाठ : 8 उद्यानम् व्याकरण-तत् (तीनोंलिंगोंमें) समय लेखनम् । पर्यायवाची शब्दाः, प्रत्यय - क्त्वा , ल्यप् , तुमुन् ।	
अगस्त	21	पाठ : 9) अस्माकम् देशः पाठ :10) विद्यायाः महत्त्वम् व्याकरणम् - शब्द रूप -किम् (तीनों लिंगों में) अव्यय ।	
नोट- जी0 जी0 पी0 एस0 पाठ्यक्रम में अनुच्छेद लेखनम् शामिल किया जाएगा ।			
सितम्बर	09	पाठ : 1 - 10, पुनरावृत्ति : व्याकरण- कृ , अस् (लट् ,लृट् , तथा लङ् लकार में) पुनरावृत्ति : ,अर्द्धवार्षिक परीक्षा ।	
अक्टूबर	17	पाठ :11) प0 जवाहरलाल नेहरुः पाठ : 12 संघे शक्तिः कलौ युगे व्याकरण : शब्द रूप -मुनि, तथा तत्,किम् तीनों लिंगों में संख्या 1 - 50 । चित्र वर्णन ।	विद्या का महत्त्व से संबंधित पाँच श्लोक सुंदर अक्षरों में चार्ट पेपर पर लिखिए ।
नवंबर	14	पाठ :13) दीपावली पाठ :14) श्लोकाः व्याकरण-अपठित गद्यांश , उपपद वि0-नमः , सह , परितः अभितः ,अलम्, भी ,बहिः ।	
दिसंबर	15	पाठ :15) भगवान् भास्करः पाठ :16)शशक कच्छप कथा व्याकरण-अव्यय ,समय लेखनम् , विपर्यय शब्दाः ।	अपनी दिनचर्या के विषय में घड़ी का चित्र बनाकर संस्कृत में संक्षिप्त लेख लिखिए ।
जनवरी	18	पाठ :17)मिथ्या प्रशंसा ,पाठ:-18 विद्या ददाति विनयम् । व्याकरण :-संवाद । धातु रूप -पठ् , खाद् ,भू ,नम् , कृ , अस् दृश् (लट् लृट् तथा लङ् लकार में) चित्र वर्णनम्	
फरवरी	11	पुनरावृत्ति तथा वार्षिक परीक्षा	

नोट : - जी0 जी0 पी0 एस0 पाठ्यक्रम में संधि का सामान्य परिचय शामिल किया जाएगा ।

अर्द्धवार्षिक परीक्षा का 10 प्रतिशत प्रत्यय - क्त्वा , ल्यप् , तुमुन् एवं पाठ-6 उपदेशो हि मूर्खाणाम् ।

GURU GOBIND SINGH PUBLIC SCHOOL

Sector V/ B, B. S. City

Syllabus (2023 – 2024)

Class: VII

Subject: Mathematics

Prescribed Book-Maths 7 (R S Aggarwal, NCERT), Mathematics Lab Manual

Month	Working days	Contents	Activity
April	17	<ul style="list-style-type: none"> ➤ Chapter - 1 Integers ➤ Chapter - 2 Fractions ➤ Chapter-3 Decimals 	<ul style="list-style-type: none"> • To represent the following products of decimal numbers on a squared paper by drawing horizontal, vertical lines and shading: (a) 0.5×0.6 (b) 0.4×0.7
May	10	<ul style="list-style-type: none"> ➤ Chapter –4 Rational Numbers ➤ Chapter-5 Exponents 	<ul style="list-style-type: none"> • To verify whether a given pair of angles are complementary.
June	09	<ul style="list-style-type: none"> ➤ Chapter-6 Algebraic Expressions 	<ul style="list-style-type: none"> • To verify whether a given pair of angles are supplementary
July	20	<ul style="list-style-type: none"> ➤ Chapter – 7 Linear Equations in one variable ➤ Chapter-8 Ratio and Proportion ➤ Chapter – 9-Unitary method 	<ul style="list-style-type: none"> • To verify experimentally that vertically opposite angles are equal. • To verify experimentally that if two parallel lines are cut by a transversal, then each pair of corresponding angles are equal.
August	21	<ul style="list-style-type: none"> ➤ Chapter – 13 Lines and angles ➤ Chapter-14 Properties of parallel lines ➤ Chapter-18 Reflection and rotational symmetry 	<ul style="list-style-type: none"> • To verify that the sum of all the interior angles of triangle is 180°. • To verify that if two lines intersect at a point then each pair of a vertical opposite angles are equal by paper cutting and pasting • To draw a cube and a cuboid of given dimensions on an isometric dot paper.
September	9	Revision of Half- yearly exam	<ul style="list-style-type: none"> ➤ GGPS CURRICULUM -(Square and square root)
Revision of Half-Yearly exam portion		Chapter - 1 to 9, 13, 14 and 18	
October	17	<ul style="list-style-type: none"> ➤ Chapter – 10 Percentage ➤ Chapter – 11 Profit and loss 	<ul style="list-style-type: none"> • To verify experimentally that if two parallel lines are cut by a transversal, then each pair of alternate interior angles are equal. • To verify experimentally that if two parallel lines are cut by a transversal, then each pair of interior angles on the same side of transversal are supplementary. • To get an altitude of a triangle from any vertex by paper folding and verify that in a triangle altitude passes through the common point by paper folding
November	14	<ul style="list-style-type: none"> ➤ Chapter -12 Simple interest ➤ Chapter -15 Properties of triangles ➤ Chapter 19 – Three dimensional shapes ➤ Chapter 22 – Bar graphs 	<ul style="list-style-type: none"> • To get a median of a triangle from any vertex and to verify that in a triangle, medians pass through a common point. • To get an altitude of a triangle from any vertex and to verify that in a triangle, altitudes pass through a common point.

December	15	<ul style="list-style-type: none"> ➤ Chapter -16 Congruence ➤ Chapter -17 Constructions 	<ul style="list-style-type: none"> • To verify that a triangle can be drawn only if the sum of lengths of any two sides is greater than the third side, using broom sticks. • To verify Pythagoras Theorem, experimentally.
January	18	<ul style="list-style-type: none"> ➤ Chapter – 20 Mensuration ➤ Chapter- 21 Collection and Organisation of Data(Mean, Median and Mode), ➤ Chapter- 23 Probability 	<ul style="list-style-type: none"> • To compare the marks obtained in all the subjects by a student in the first and second term examination by drawing a bar graph using paper cutting and pasting. • To verify experimentally that in a triangle, an exterior angle is equal to the sum of the two interior opposite angles. • To compare the marks obtained in all the subjects by a student in first and second term examination by drawing of bar graph using paper cutting and pasting.
February	11	➤ Revision of Annual Exam	➤ GGPS CURRICULUM- (Cube and cube roots)
Revision of Annual exam portion		Chapter - 10 to 12, 15 to 17, 19 to 23 Chapter - 1 to 4	

Note: - 20% of Half Yearly portion will be included in Annual Exam. i.e., Ch-1 Integers, Ch-2 Fractions, Ch-3 Decimals, Ch-4 Rational Numbers

GURU GOBIND SINGH PUBLIC SCHOOL

SECTOR-V/B, BOKARO STEEL CITY

SYLLABUS: 2023 - 24

CLASS-VII

SUBJECT: SCIENCE (PHYSICS)**Prescribed Books:**

- Lakhmir Singh' Science VII
- Author Name : Lakhmir Singh , Manjeet Singh

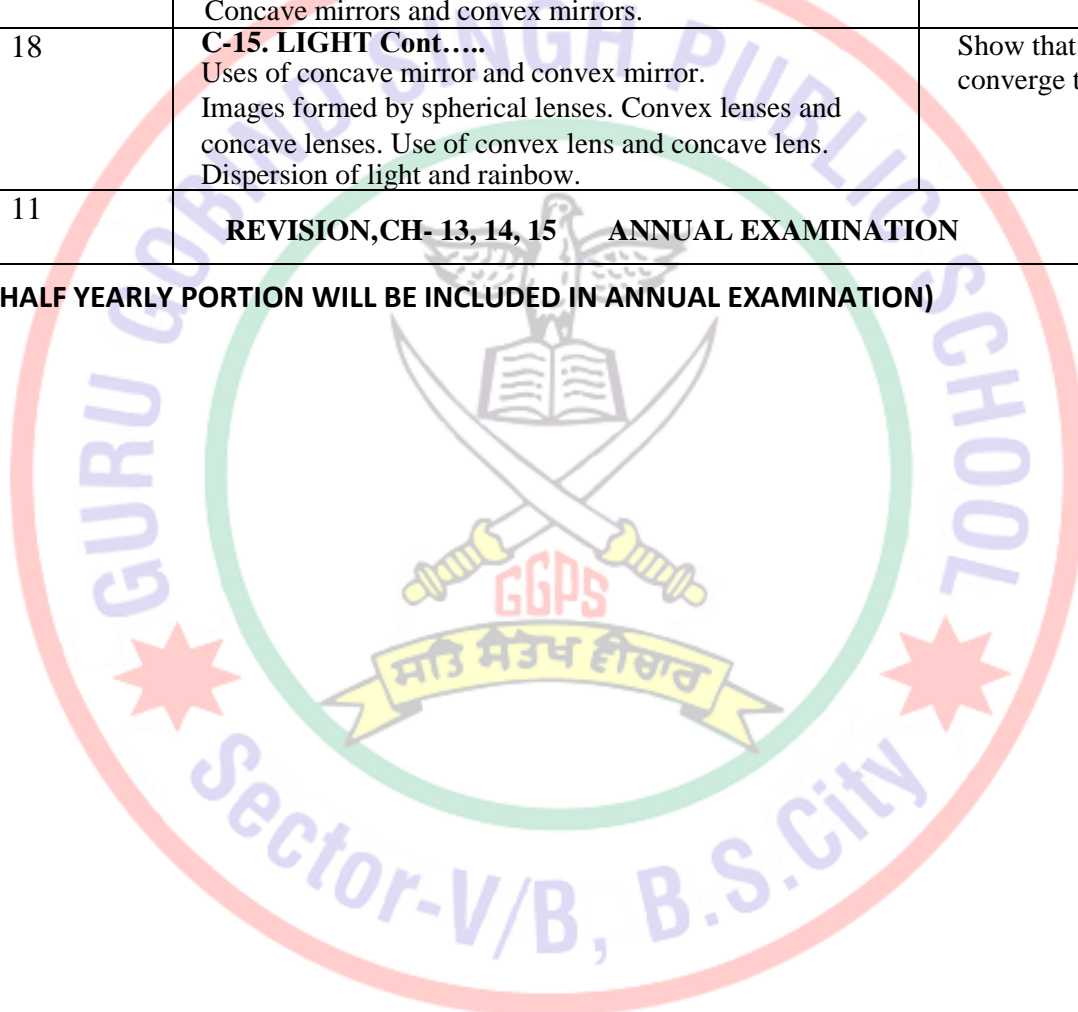
Publisher

S.Chand & Co.

Month	Working Days	Chapters/ Topics	Activity/GGPS Curriculum.
April	17	CH-13. MOTION AND TIME State of rest and state of motion.Types of motion-Distance. Units, S I units, Metric system Conversion of units Slow and fast moving objects. Speed-units of speed, SI units of speed Speedometer and Odometer. Numerical based on speed. Measurement of speed. Speed of some animals. Uniform and non-uniform speed. Graphical representation of speed Distance-Time Graphs. Bar graph and Pie chart.	To measure the speed of A ball moving along the ground.
May	10	CH-13. MOTION AND TIME. Cont Time, its units, SI unit of time. Conversion of units of time. Measurement of time in Ancient times Sun dial, Sand clock and water clock. Modern basis of measurement of time- Periodic motion. Simple pendulum, its terms. Pendulum clock, Quartz clocks and Watches. CH-04. HEAT Heat- amount of heat (compare with amount of water)Hot and cold objects	Prepare a simple pendulum and measure its time period Measure the temperature of your body by clinical thermometer
June	09	CH-04. HEAT (CONT) Temperature-degree of hotness and coldness Measurement of temperature-Thermometer Laboratory thermometer, Clinical thermometer Comparison between - Clinical , Laboratory thermometer and digital thermometer, Maximum-and-Minimum thermometer	Measure the temperature of your body by clinical thermometer.
July	20	CH-04. HEAT (CONT) Transfer of heat, Modes of transfer of heat Conduction, Good and Poor conductors of heat.Convection, Convection in water in Air. Sea breeze and Land breeze Radiation, Emitters of heat radiation. Importance of colour of objects in everyday life.	Show the conduction of heat in metal rod.
August	21	CH-08. WIND, STORM AND CYCLONE. Air, wind, atmosphere and atmospheric pressure.Air exert pressure, air expands on heating. Wind is produced due to uneven heating on the earth by the sun. High speed wind are accompanied by reduced air pressure. Thunderstorm, precaution during thunderstorm. Cyclone, destruction caused by cyclone. Tornado, destruction caused by Tornado.	
September	09	REVISION OF THE CHAPTERS -4, 8 & 13 HALF YEARLY EXAMINATION	

October	17	CH-14. ELECTRIC CURRENT AND ITS EFFECTS. Electric circuit and circuit diagrams, Battery Heating effect of electric current and its application Electric heating appliances, electric room heater and electric iron. Electric bulbs, fluorescent tubes, CFLs. Electric fuse, short circuit and overloading, MCB.	Prepare a model to show heating effect of electric current. Fig-11.
November	14	CH-14. ELECTRIC CURRENT AND ITS EFFECTS, Cont Magnetic effect of electric current. Electromagnets. Use of electromagnets, Electric bell.	Demonstrate the working of an electric fuse.
December	15	C-15. LIGHT Reflection of light, real image and virtual image. Characteristics of image formed by a plane mirror. Spherical mirrors Images formed by spherical mirrors. Concave mirrors and convex mirrors.	Show the reflection of light of a torch by plane mirror.
January	18	C-15. LIGHT Cont..... Uses of concave mirror and convex mirror. Images formed by spherical lenses. Convex lenses and concave lenses. Use of convex lens and concave lens. Dispersion of light and rainbow.	Show that convex lens converge the light.
February	11	REVISION, CH- 13, 14, 15 ANNUAL EXAMINATION	

NOTE :-(20% OF HALF YEARLY PORTION WILL BE INCLUDED IN ANNUAL EXAMINATION)



SUBJECT:SCIENCE (CHEMISTRY)

Prescribed Books:

- Lakhmir Singh Science VII
- Author Name:Lakhmir Singh, ManjeetSingh

Publisher

S.Chand&Co.

Month	Working Days	Chapters/ Topics	Activity/GGPS Curriculum.
April	17	Ch-05,Acids, Bases and Salts Topics:-Indicators for testing acids and bases Natural Indicators:- Litmus, China Rose indicators Turmeric as Indicator Synthetic indicator:- Phenolphthalein Acids:-Organic acids and Mineral acids Strong and weak acids ,Acid rain	To test the acidic and basic nature of the solution by: litmus paper, turmeric and China rose. To make a list of strong and weak acids.
May	10	Ch-05 , Acids, Bases and Salts (Contd) Bases:- Strong and weak bases Differences between acids and bases Neutral Substances Neutralisation	To make a list of weak and strong bases. To make list of neutral substances.
June	09	Ch-05 , Acids, Bases and Salts (Contd) Neutralisation in everyday life. Salts. Ch-16,Water:-A Precious Resource Topics:-Water Forms of water:-Solids, Liquids and Gases Scarcity of Water Groundwater as an important source of water,Depletion of Water Table	To make list of salts. To make a model of water cycle.
July	20	Ch-16,Water:A Precious Resource(Contd.) Distribution of water Mismanagement of water. Proper Management of water. How to minimize wastage of water. Effects of water scarcity on plants. Rainwater Harvesting.	To make a model of rainwater harvesting.
August	21	Ch-09,Soil Topics:-Formation of soil, Soil profile ,Composition of soil, Types of soil, Properties of soil, Percolation of soil Soil erosion. Causes and effects of soil erosion	To identify the various constituents of soil. To show that soil contains moisture.
September	09	Ch-09,Soil (Contd.) Soil pollution:- Causes and its effects Prevention of soil pollution Revision of Ch-05, 16 and 09 for Half Yearly Examination	To make a detailed presentation on why the soil of North India is so fertile.

October	17	Ch-06, Physical and Chemical Changes Topics:-Types of changes Physical changes Characteristics of Physical change Chemical changes Characteristics of Chemical Changes Differences between Physical and Chemical Changes Importance of Chemical Changes	To enlist the various changes occurring in our day to day life and categories them as reversible, irreversible, physical changes and chemical changes.
November	14	Ch-06,PhysicalandChemicalChanges(Contd.) A protective shield of Ozone Rusting of iron Crystallization	To show burning of Magnesium ribbon as a chemical change.
December	15	Ch-18,Wastewater Story Topics:- Wastewater Sewage and its composition Sewerage system Wastewater treatment plant Various processes of Wastewater treatment plant Good housekeeping practices Sanitation and Diseases	To draw a flowchart to show the processes involved in Wastewater Treatment Plant.
January	18	Ch-18,Wastewater Story (Contd.) Alternative arrangement for Sewage disposal Sanitation at public places. How to become an active citizen.	
February	11	Revision of Ch-06,09 and 18 for Annual Examination	

NOTE :- (20% OF HALF YEARLY PORTION WILL BE INCLUDED IN ANNUAL EXAMINATION)

SUBJECT:SCIENCE (BIOLOGY)

PrescribedBooks:

- LakhmirSingh'Science VII
- AuthorName:Lakhmir Singh,ManjeetSingh

Publisher

S.Chand&Co.

Month	Working Days	Chapters/Topics	Activity/GGPS Curriculum.
April	17	<u>Ch- 01.Nutrition in Plants</u> Topics:- Modes of nutrition :- Autotrophic and Heterotrophic nutrition Photosynthesis, Conditions necessary for photosynthesis Importance of photosynthesis Other modes of nutrition in plants:- Parasites,Saprophytes, Insectivorous plants and Symbiotic plants How nutrients are replenished in the soil of Cells- plant cell and animal cell.	<p>Draw a diagram to show the process of photosynthesis in leaves.</p> <p>An activity to test the presence of starch in leaves.</p>
May	10	<u>Ch-02.NutritioninAnimals</u> Topics:-Nutrition Different methods of taking food Human Digestive System, To study the effect of Saliva in starch present in food Teeth , Tooth decay, Tongue Digestion in Grass-eating animals Digestion in Amoeba	<p>Draw a well –labelled diagram of human digestive system.</p> <p>Activity to study the effect of saliva on starch present in food.</p>
June	09	<u>Ch-10.RespirationinOrganisms</u> Topics:-Respiration Types of Respiration (Aerobic and Anaerobic) Anaerobic respiration in muscles Similarities and differences between Aerobic and Anaerobic respiration	<p>Activity to show that carbon dioxide is produced during respiration.</p>
July	20	<u>Ch-10.RespirationinOrganisms(Contd.)</u> Breathing, Breathing rate Breathing mechanism Respiration in Humans, Sneezing, Yawning and smoking Breathing and Respiration in other animals (Earthworms, Frogs, Fish, Insects) Respiration in plants <u>Ch-11. Transport in Animals and Plants</u> Topics: - Transport in Humans: Circulatory System, Components of Blood, Blood, Blood Vessels, Heart and its structure.	<p>Draw well –labelled diagram of human respiratory system.</p> <p>Activity: To demonstrate the mechanism of breathing in human beings.</p>
August	21	<u>Ch-11. Transport in Animals and Plants(Contd.)</u> Heart beats and Pulses, Case of sponges and Hydra, Excretion in Animals, Excretory System in Humans, Kidney Failure and Dialysis Transport in plants: Xylem and Phloem.	<p>Draw a diagram of inside structure of human heart.</p> <p>Draw a well –labeled diagram of human excretory system.</p> <p>Diagram to show the transport system in plants.</p>

August	21	<u>Ch-11. Transport in Animals and Plants(Contd.)</u> Heart beats and Pulses, Case of sponges and Hydra, Excretion in Animals, Excretory System in Humans, Kidney Failure and Dialysis Transport in plants: Xylem and Phloem.	Draw a diagram of inside structure of human heart. Draw a well –labeled diagram of human excretory system. Diagram to show the transport system in plants.
September	09	Revision of Ch-01,02, 10and 11	
October	17	<u>Ch-03. Fibre to Fabric</u> Topics:- Natural animal fibres: wool and silk Wool, and Production of wool, Occupational hazard: Sorter's disease, Silk and Life history of Silk moth ,Production of Silk, Natural and Artificial Silk, Discovery of Silk	Draw a diagram to show the life cycle of a Silk moth. Activity to distinguish between natural and artificial silk.
November	14	<u>Ch-12. Reproduction in Plants</u> Topics:- Methods of Reproduction in Plants (Asexual and Sexual reproduction), Methods of Asexual reproduction, Vegetative propagation, Budding, Fragmentation, Spore Formation	Draw a diagram to show the node, axillary buds in the stem of a plant.
December	15	<u>Ch-12. Reproduction in Plants (Contd.)</u> Sexual Reproduction in Plants, Structure of Flower, Pollination and agents of pollination Fertilisation, Germination Dispersal of seeds and fruits Agents of dispersal	Draw a well –labeled diagram of a flower Showing its male and female reproductive parts. Draw a diagram of a flower showing fertilization in it.
January	18	<u>Ch-07. Weather. Climate. Adaptations of Animals to Climate</u> Topics:- Weather and causes of weather change, Elements of weather, Weather report Climate and its factors Climate and Adaptations The Polar regions- Adaptations in Polar bears and Penguins, Migration, The Tropical Rainforests:- Adaptations in Big cats, Elephants, Red-eyed frogs, Toucans And Lion-tailed Macaque	Prepare the weather report of your city. Collect the pictures of five animals found in tropical rainforest and Write their four adaptations.
February	11	<u>Ch-17.Forests: Our Lifeline</u> <u>Topics: Forest</u> Components of a forest: Living Organisms and Non-living environment, Forest as an Ecosystem, Crown of trees, Structure of a forest, Role of Decomposers in a forest, Importance of forests Deforestation and its effects, Conservation of forests. REVISION OF CH-1, 3,7,12 AND 17 FOR ANNUAL EXAMINATION	Draw the structure of a forest showing the various layers of vegetation in it. Draw a well labeled food chain.

NOTE:- (20% OF HALF YEARLY PORTION WILL BE INCLUDED IN ANNUAL EXAMINATION) GGPS CURRICULUM

PHYSICS :

CH 13 MOTION AND TIME: Acceleration and retardation Force Pressure

CHEMISTRY :

Ch : 8 Expansion of Solid, Liquid and gas due to heat

Ch: 5 Acid, Base and Salt, Elements, compounds and mixture, Atoms and Molecules, Atomic number of Elements upto 20

BIOLOGY :

Ch : 01 Nutrition in Plants, Cell- Structure and function

Ch : 17 Forest – Our lifeline. Wild life sanctuary and national parks.



GURU GOBIND SINGH PUBLIC SCHOOL

Sector-5/B B.S City

SYLLABUS: 2023 – 24

Class:VII

SUBJECT: Social Science

Prescribed Books:

Publisher: Collins

Cascade - 7

Month	Working Days	Chapters	Activity	GGPS Curriculum
April	17	History:Ch-1. The Medieval Period Ch-2 The Age of New kingdoms Civics: Ch1-Democracy Geography:Ch-1.The Environment	Collect & Paste the images of Archaeological & Literary Sources of Medieval India. On an outline map of India mark the important regional dynasties. Draw the realms of the Earth.	Challenges of Democracy
May	10	History Ch3-The Delhi Sultanate Civics-Ch.2. Democracy and Equality	Make a chart showing the important dynasties and rulers of the Delhi Sultanate	
June	9	Geography:Ch-2.Inside the Earth Civics-Ch3-The State Government	Draw the structure of the Earth	
July	20	History- Ch-4 The Mughals in India Civics:Ch-4 Government and Public Welfare Geography Ch-3 Our Changing Earth Ch-4 External Processes and Changing landforms	On an outline map of India mark the extension of Mughal empire during the reign of Akbar. Draw any three landforms formed by the erosional works of rivers & seawaves.	Important features of riverine landforms.
August	21	History Ch 5–Architecture in Medieval India Civics:Ch.5-Gender Discrimination and Equality Geography Ch 5 The Atmosphere Ch-6 Weather and Climate Ch-7 Water	Collect & paste some famous architectures of medieval India along with short description. Draw the different layers of the atmosphere. Draw the Heat Zones of the Earth & types of rainfall.	Architecture of Bengal
September	9	Revision of Half Yearly Exam		
Half Yearly Exam portion		History Ch.1 to 5 Civics Ch.1 to 5 Geography-Ch.1 to 7		

October	17	<p>History:Ch 6-Towns,Traders and craftsmen History:Ch.7- Tribal Communities</p> <p>Civics-Ch6-Role of women in a changing World</p> <p>Geography:Ch-8 Natural vegetation and wildlife Ch 9- Human settlements</p>	<p>On an outline map of India mark any two temple,trade & port towns of medieval India. On an outline map of India mark the different tribal groups of India.</p> <p>Draw the patterns of settlements.</p>	Women of the 21 st century and Women empowerment schemes
November	14	<p>History-Ch-8 Religion and Philosophy in Medieval India</p> <p>Civics-Ch.7- Media: A Pillar of Democracy Ch 8-Advertising</p> <p>Geography Ch 10-Transport and Communication Ch11-Life in the Deserts</p>	<p>Collect & paste the images of any three Bhakti&Sufi saints and write three lines about them.</p> <p>Draw the means of different types of transport and communication.</p>	The Revolt of 1857.
December	15	<p>History: Ch.9 -The arrival of Regional Cultures</p> <p>Civics.Ch.-9- Markets</p> <p>Geography-Ch12-Life in the Tropical and Sub-Tropical Regions</p>	Activity work Pg.No.158	.
January	18	<p>History Ch- 10-The Decline of the Mughal Empire</p> <p>Civics:Ch-10-People for Equality</p> <p>Geography:Ch-13-Life in the Temperate Grasslands</p>	<p>On an outline map of India mark any three independent states after the decline of Mughal empire.</p> <p>To make a comparative chart between the features of Prairies and Velds.</p>	Struggle of Guru Gobind Singh against the Mughals.
February	11	Revision of Annual Exam		
Annual Exam Portion		<p>History:Ch.6 to 10 & Ch. 3</p> <p>Civics: Ch.6 to 10 & Ch.2</p> <p>Geography: Ch.8 to Ch 13 & Ch 3</p>		

Note:- 10% of the Half yearly portion will be included in Annual exam.

SUBJECT – GENERAL KNOWLEDGE

Class - 7

Book Prescribed: Wisdom Tree

Author : Mrs Neena Sharma

Publisher: Souvenir Publishers Ltd

S.No.	Month	Chapter Name	GGPS CURRICULUM
1	April	UNIT -1 Beautiful nature Our planet's lungs Growing crops Strange plants Insects Aquatic plants Our best friend Flower power Endangered animals	
2	May	UNIT-2 Sports and Entertainment Soccer frenzy Great Olympians Sports for fitness	
3	June	UNIT-2 Sports and Entertainment The famous games Paralympics	
4	July	UNIT-3 Our motherland Folk dances Spicy India Water resources projects A page from history Festivals of India	Current Affairs
5	August	UNIT -4 Words and books Homonyms The world of books Indian mythology and literature From the books Mythical creatures Word power	Yoga Book - Must Complete (Page 73 - 89)
6	September	Reinforcement paper -1 Half Yearly Exam Portion UNIT -1 TO UNIT-4 and Current Affair	
7	October	UNIT-5 Go global Wonders around the world World superlatives Popular leaders Rules and forms of government Geniuses of the past Around the world	

8	November	UNIT-6 Life skills and values Fog painting and art styles Awards Fact finding How to handle peer pressure No kidding The ahimsa way	
9	December	UNIT-7 Science and technology Scientific terminology Diseases Our scientists Vitamins in our food Mysterious universe Elements Net terminology Scholastic bowl	Current Affairs
10	January	UNIT-8 Logical reasoning Tricky maths Analogy Number logic Analytical reasoning Numerology UNIT-9 Mixed bag Environmental threats Symbols and monograms Geographically yours	Yoga Book - Must Complete (Page 90 - 104)
11	February	Reinforcement paper -2 Annual Exam Portion UNIT – 5 to UNIT- 9 & Current Affairs.	

GURU GOBIND SINGH PUBLIC SCHOOL
SECTOR V/B, BOKARO STEEL CITY
SYLLABUS (2023-24)
SUBJECT: LIFE SKILLS

Class: 7

Book: Values for Good Life

Publisher: Gurukul Publ. Ltd

Author: Vijay Singh & Mamta Singh

S.No.	Month	Chapter Name	GGPS Curriculum
1	April	L-1 Being Courageous	
2	May	L-2 Think Before you speak	
3	June	L-3 Keep your Promise	
4	July	L- 4 Self control	Reading of story book 'Panchatantra'
5	August	Revision of Half Yearly Exam L-1 to 4	
6	September	Half Yearly Exam Portion L-1 TO L-4	
7	October	L-5 Our Home is Our Heaven	
8	November	L-6 Being Attentive	
9	December	L-7 Life Is Meant For Action	Reading of story book 'Panchatantra'
10	January	L-8 Love for Nature	
11	February	Annual Exam Portion L-5 TO L-8 Revision	