

# Guru Gobind Singh Public School

## Chas



# SYLLABUS

Session 2024-25

Class: VII

Subject: English

Prescribed Books:

- New Pathways: An Interactive Course in English - 7
- New Learner's Grammar and Composition - 7

Publisher

Oxford University Press  
Oxford University Press

**MONTH WISE SYLLABUS BREAK-UP**

**SESSION: 2024 – 25**

Month	Working Days	Chapters/ Topics	Activity/GGPS Curriculum
April	18	<b><u>New Pathways – 7:</u></b> Unit – 1 Section – 1: A Hero Section – 2: The Taste of Watermelon <b><u>New Learner's Grammar And Composition:</u></b> Ch – 16: The Sentence Ch – 1: Nouns Ch – 2: Articles <b><u>Comprehension</u></b> 1. (Page No. 208) <b><u>Writing Section:</u></b> Paragraph writing	1. Synonyms 2. Antonyms
May & June	08 and 09	<b><u>New Pathways – 7:</u></b> Unit – 1 Section – 3: The Flower-School Unit – 2 Section – 1: Atlantis <b><u>New Learner's Grammar And Composition:</u></b> Ch – 3: Pronouns Ch – 4: Adjectives Check Your Progress 1 Ch – 5: Verbs <b><u>Writing Section :</u></b> Diary Entry	1. Analogies and Spellings
July	22	<b><u>New Pathways - 7:</u></b> Unit – 2 Section – 2: The Diary of a Space Traveller Section – 3: The Lake Isle of Innisfree Unit – 3 Section – 1: The One Who Survived <b><u>New Learner's Grammar And Composition:</u></b> Ch – 6: Verbs: Present Tense Ch – 7: Verbs: Past Tense Ch – 8: Verbs: Future Tense <b><u>Comprehension</u></b> 2. (Page No. 210) <b><u>Writing Section:</u></b> Notice Writing	1. One Word Substitutions; Idioms and Proverbs 2. Sentences and Sentence Sequencing
August	19	<b><u>New Pathways - 7:</u></b> Unit – 3 Section – 2: The Narayanpur Incident Section – 3: Florence Nightingale <b><u>New Learner's Grammar And Composition:</u></b> Ch – 9: Verbs: Perfect Tense Ch – 10: Verbs: Non-finite Types <b><u>Writing Section:</u></b> Formal Letter (Application)	1. Sequencing – Stories, Events and Snippets 2. Error - Correction
September	08	<b>Revision of the Half yearly portion (Portion from April to August)</b>	

October	15	<p><b><u>New Pathways - 7:</u></b> Unit – 4 Section – 1: Michelin-Star Chef Vikas Khanna: 5 Things I wish Someone Told Me Before I became a Chef Section – 2: Experiments <b><u>New Learner's Grammar And Composition:</u></b> Ch –11: Modals Ch – 12: Active and Passive Voice Check Your Progress 2 Test Paper - 1 Ch – 13: Adverbs <b><u>Writing Section:</u></b> Formal Letter (To Editor)</p>	1. Make a table of different Modals and their usage.
November	12	<p><b><u>New Pathways - 7:</u></b> Unit – 4 Section – 3: It's Fun to Cook Unit – 5 Section – 1: The Ransom of Red Chief <b><u>New Learner's Grammar And Composition:</u></b> Ch – 14: Prepositions Ch –15: Conjunctions <b><u>Comprehension</u></b> (Page No. 211) <b><u>Writing Section:</u></b> Advertisement and Poster making</p>	1. Make a platter of your choice with healthy food choices. Draw it for display. What fruits or vegetables did you use as ingredients? How would these make a nutritious platter?
December	19	<p><b><u>New Pathways - 7:</u></b> Unit - 5 Section – 2: Bidesia Babu Section – 3: Goodbye Party for Miss Pushpa T.S. <b><u>New Learner's Grammar And Composition:</u></b> Ch – 17: Phrases and Clauses Ch – 18: Sentence Types <b><u>Writing Section:</u></b> Analytical Paragraph</p>	1. Write about different inventions and speak about them in the class.
January	17	<p><b><u>New Pathways – 7:</u></b> Unit - 6 Section – 1: What Lucy Found There Section – 2: The Adventure of the Blue Carbuncle <b><u>New Learner's Grammar And Composition:</u></b> Ch – 19: Direct and Indirect Speech Ch – 20: Punctuation Check Your Progress 3 <b><u>Comprehension</u></b> (Page No. 212) <b><u>Writing Section:</u></b> Informal Letter</p>	
February	10	<p><b><u>New Pathways – 7:</u></b> Unit – 6 Section – 3: The Cabin of Mystery <b><u>New Learner's Grammar And Composition:</u></b> Ch – 21: Phrasal Verbs and Idioms Ch – 22: Vocabulary Test Paper - 2 <b><u>Comprehension</u></b> (Page No. 215) <b>Revision of Annual Examination Portion (Portion from October to February)</b></p>	

**Note:** Annual Examination 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 examination.

कक्षा - 7

विषय - हिंदी

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

प्रकाशन :- सृजन पब्लिकेशन

पाठ्य पुस्तक :- बाल महाभारत

प्रकाशन:-राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद

व्याकरण- मानक व्यावहारिक हिंदी व्याकरण प्रकाशन :- आर्या पब्लिकेशन (प्रा०) लिमिटेड

लेखन व संपादन :- नीता श्रीवास्तव एवं मंजु भारद्वाज

महीनों के नाम	कार्य दिवस	पाठ्यपुस्तक + बाल महाभारत कथा	व्याकरण	कलाकौशल ( Art Integrated)	परियोजना कार्य/ गुरु गोबिंद सिंह अतिरिक्त पाठ्यक्रम
अप्रैल	18	पाठ 1 अंधियार ढल कर ही रहेगा पाठ 2 नादान दोस्त पाठ 3 बड़े भाई को पत्र पाठ 1 महाभारत कथा पाठ 2 देवव्रत पाठ 3 भीष्म प्रतिज्ञा पाठ 4 अंबा और भीष्म	भाषा, बोली , लिपि , व्याकरण	दीपक का चित्र बनाकर लिखिए कि दीपक हमें क्या संदेश देता है ।	
मई	08	पाठ 4 मुकदमा हवा -पानी का पाठ 5 विदुर पाठ 6 कुंती पाठ 7 भीम पाठ 8 कर्ण	वर्ण विचार, वर्तनी विचार , संज्ञा - लिंग बदलें ( 1 से 6 तक) वचन बदलें (1से 4 तक ) समानार्थी शब्द (1 से 36 तक), विलोम शब्द (1से 50 तक)	गौरैया का चित्र बनाकर उसके बचाने के उपायों के बारे में लिखें ।	जल को बचाने संबंधी कुछ नारे ( स्लोगन) चार्ट पेपर पर लिखिए । <b>गुरु गोबिंद सिंह अतिरिक्त पाठ्यक्रम।</b>
जून	09	पाठ 5 गालिब की डायरी का पन्ना पाठ 9 द्रोणाचार्य पाठ 10 लाख का घर पाठ 11 पांडवों की रक्षा पाठ 12 द्रौपदी स्वयंवर	सर्वनाम , वाक्यांशों के लिए एक शब्द(1 से 19 तक), अनेकार्थी शब्द(1 से 18 तक ), समरूपी भिन्नार्थक शब्द(1 से 17 तक), मुहावरे ( 1 से 15 तक)	राजेंद्र प्रसाद के किन्हीं पाँच विचारों को लिखें ।	बीष्मकालीन अवकाश के अनुभव को एक डायरी में लिखकर व्यक्त करें ।
जुलाई	22	पाठ 6 मेरा नया बचपन पाठ 7 अंतिम युद्ध पाठ 8 ईमानदार बालक 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	उपसर्ग, प्रत्यय, संधि ( संक्षिप्त परिचय ), कारक , निबंध	भूमि संरक्षण और वायु संरक्षण पर तीन - तीन नारा लिखें ।	
अगस्त	19	पाठ 9 भारत की अग्नि - पुत्री पाठ 10 सरिता का जल पाठ 18 भीम और हनुमान पाठ 19 द्वेष करने वाले का जी नहीं भरता पाठ 20 मायावी सरोवर पाठ 21 यक्ष प्रश्न	औपचारिक पत्र, अपठित गद्यांश	किन्हीं पाँच स्वतंत्रता सेनानी का चित्र बनाकर या चिपकाकर एवं उनके द्वारा दिए गए नारे को लिखिए ।	मिशन चंद्रयान के बारे में लिखिए ।
सितम्बर	08	पुनरावृत्ति और अर्धवार्षिक परीक्षा पाठमाला पाठ 1 से 10 तक महाभारत पाठ 1 से 21 यक्ष प्रश्न व्याकरण अप्रैल से सितंबर तक	पुनरावृत्ति और अर्धवार्षिक परीक्षा		

अक्टूबर	15	पाठ 11 प्रधानमंत्री का चुनाव पाठ 12 पॉलीथीन पाठ 22 अज्ञातवास पाठ 23 प्रतिज्ञापूर्ति पाठ 24 विराट का भ्रम पाठ 25 मंत्रणा पाठ 26 राजदूत संजय	विशेषण, क्रिया, लिंग बदलें (7 से 11 तक) वचन बदलें(5से 7 तक ) समानार्थी शब्द (37से 70तक), विलोम शब्द (51से 100 तक)	प्रधानमंत्री के पद पर आसीन व्यक्ति में क्या चारित्रिक विशेषताएँ होनी चाहिए ।	गंगा सफाई अभियान पर एक चार्ट तैयार करें ।
नवंबर	12	पाठ 13 अनोखी प्रतिभा : बेंजामिन फ्रैंकलिन पाठ 14 गिरिधर की कुंडलियाँ 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 नवाँ दिन	काल, विराम चिह्न, वाक्यांशों के लिए एक शब्द(20 से 38 तक), अनेकार्थी शब्द(19 से 35 तक ), समरूपी भिन्नार्थक शब्द(18 से 34 तक ), मुहावरे ( 16 से 30 तक )	किन्हीं पाँच वैज्ञानिकों के नाम लिखकर उनके आविष्कारों के नाम लिखें ।	
दिसंबर	19	पाठ 15 मुतांती पाठ 16 नई सोच के धनी- स्टीव जॉब्स 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	अविकारी शब्द, समास का संक्षिप्त परिचय	दक्षिण भारत के लोगों के रहन -सहन खान - पान आदि की एक परियोजना तैयार करें ।	'फेस बुक' के संस्थापक कौन हैं तथा उनकी उपलब्धियों के बारे में लिखिए ।
जनवरी	17	पाठ 17 बोलने वाली रज़ाई पाठ 18 भारत -दर्शन 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 , अपठित गद्यांश	मुसीबत में पड़े लोगों की सहायता क्यों करनी चाहिए ? अपने विचार लिखें ।	भारत के उन पूर्वी राज्यों के नाम लिखें , जिन्हें 'सेवेन सिस्टर्स' अर्थात 'सात बहनें' के नाम से जाना जाता है । गुरु गोबिंद सिंह अतिरिक्त पाठ्यक्रम ।
फरवरी	10	पुनरावृत्ति और वार्षिक परीक्षा पाठ 11 से 18 तक महाभारत पाठ 22 से 41 व्याकरण अक्टूबर से फरवरी तक	पुनरावृत्ति और वार्षिक परीक्षा		

- अर्धवार्षिक परीक्षा:- पाठमाला पाठ 1 से 10 तक
- महाभारत पाठ 1 से 21 यक्ष प्रश्न
- व्याकरण अप्रैल से सितंबर तक
- वार्षिक परीक्षा :- पाठ 11 से 18 तक
- महाभारत पाठ 22 से 41
- व्याकरण अक्टूबर से फरवरी तक
- अर्धवार्षिक परीक्षा पाठ्यक्रम का 20%
- पाठमाला :- पाठ 09 भारत की अग्नि - पुत्री , पाठ 10 सरिता का जल (कविता)
- महाभारत पाठ 20 मायावी सरोवर, पाठ 21 यक्षप्रश्न
- व्याकरण से :- पत्र ( औपचारिक पत्र ), सर्वनाम

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संस्कृत पाठ्यक्रम  
सत्र 2024-25  
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	18 पाठ :1) प्रार्थना पाठ :2) गुरुभक्त: आरुणि: पाठ :3) अरण्यम् व्याकरणम् :-संस्कृत वर्णमाला एवं वर्णों के उच्चारण स्थान । शब्द रूप :-देव ,रमा मित्र, ।	
मई	08 पाठ :4) श्लोका: पाठ :5 चतुर: काक: व्याकरण :धातु रूप :-पठ् ,खाद्,भू ,नम् ,गम् ( लट् ,लृट् तथा लंग 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	22 पाठ : 6 :उपदेशो हि मूर्खाणाम् पाठ : 7) नीतिश्लोका: पाठ : 8 उद्यानम् व्याकरण-तत् ( तीनोंलिंगोंमें ) समय लेखनम् । पर्यायवाची शब्दाः, प्रत्यय - क्त्वा , ल्यप् , तुमुन् ।	
अगस्त	19 पाठ : 9 ) अस्माकम् देश: पाठ :10 ) विद्यायाः महत्त्वम् व्याकरणम् - शब्द रूप -किम् ( तीनोंलिंगोंमें ) अव्यय ।	
<b>नोट- जी0 जी0 पी0 एस0 पाठ्यक्रम में अनुच्छेद लेखनम् शामिल किया जाएगा ।</b>		
सितम्बर	08 पाठ : 1 - 10, पुनरावृत्ति : व्याकरण- कृ , अस् (लट् ,लृट् , तथा लंगलकार में) पुनरावृत्ति : ,अर्द्धवार्षिक परीक्षा ।	
अक्टूबर	15 पाठ :11) प0 जवाहरलाल नेहरू: पाठ : 12 संघे शक्ति: 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	12 पाठ :13) दीपावली पाठ :14) श्लोका: व्याकरण-अपठित गद्यांश , उपपद वि0-नमः , सह , परितः अभितः ,अलम्, भी ,बहिः ।	
दिसंबर	19 पाठ :15) भगवान् भास्कर: 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	17 पाठ :17)मिथ्या प्रशंसा ,पाठ:-18 विद्या ददाति विनयम् । व्याकरण :-संवाद । धातु रूप -पठ् , खाद् ,भू ,नम् , कृ , अस् दृश् (लट् लृट् तथा लंगलकार में ) चित्र वर्णनम्	
फरवरी	10 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 ।

## Syllabus (2024 – 2025)

**Class: VII**

**Subject: Mathematics**

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

### Mathematics Lab Manual

Month	Working days	Contents	Activity
April	18	<ul style="list-style-type: none"> <li>➤ Chapter - 1 Integers</li> <li>➤ Chapter - 2 Fractions</li> <li>➤ Chapter-3 Decimals</li> </ul>	<ul style="list-style-type: none"> <li>• To represent the following products of decimal numbers on a squared paper by drawing horizontal, vertical lines and shading: (a) <math>0.5 \times 0.6</math> (b) <math>0.4 \times 0.7</math></li> </ul>
May	08	<ul style="list-style-type: none"> <li>➤ Chapter –4 Rational Numbers</li> <li>➤ Chapter-5 Exponents</li> </ul>	<ul style="list-style-type: none"> <li>• To verify whether a given pair of angles are complementary.</li> </ul>
June	09	<ul style="list-style-type: none"> <li>➤ Chapter-6 Algebraic Expressions</li> </ul>	<ul style="list-style-type: none"> <li>• To verify whether a given pair of angles are supplementary</li> </ul>
July	22	<ul style="list-style-type: none"> <li>➤ Chapter – 7 Linear Equations in one variable</li> <li>➤ Chapter-8 Ratio and Proportion</li> <li>➤ Chapter – 9-Unitary method</li> </ul>	<ul style="list-style-type: none"> <li>• To verify experimentally that vertically opposite angles are equal.</li> <li>• To verify experimentally that if two parallel lines are cut by a transversal, then each pair of corresponding angles are equal.</li> </ul>
August	19	<ul style="list-style-type: none"> <li>➤ Chapter – 13 Lines and angles</li> <li>➤ Chapter-14 Properties of parallel lines</li> <li>➤ Chapter-18 Reflection and rotational symmetry</li> </ul>	<ul style="list-style-type: none"> <li>• To verify that the sum of all the interior angles of triangle is <math>180^\circ</math>.</li> <li>• To draw a cube and a cuboid of given dimensions on an isometric dot paper.</li> </ul>
September	08	Revision of Half- yearly exam	<ul style="list-style-type: none"> <li>➤ GGPS CURRICULUM -(Square and square root)</li> </ul>
<b>Revision of Half-yearly exam portion</b>		<b>Chapter - 1 to 9, 13, 14 and 18</b>	
October	15	<ul style="list-style-type: none"> <li>➤ Chapter – 10 Percentage</li> <li>➤ Chapter – 11 Profit and loss</li> </ul>	<ul style="list-style-type: none"> <li>• To verify experimentally that if two parallel lines are cut by a transversal, then each pair of alternate interior angles are equal.</li> <li>• 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.</li> </ul>
November	12	<ul style="list-style-type: none"> <li>➤ Chapter -12 Simple interest</li> <li>➤ Chapter -15 Properties of triangles</li> <li>➤ Chapter 22 – Bar graphs</li> </ul>	<ul style="list-style-type: none"> <li>• To get a median of a triangle from any vertex and to verify that in a triangle, medians pass through a common point.</li> <li>• To get an altitude of a triangle from any vertex and to verify that in a triangle, altitudes pass through a common point.</li> </ul>
December	19	<ul style="list-style-type: none"> <li>➤ Chapter -16 Congruence</li> <li>➤ Chapter -17 Constructions</li> </ul>	<ul style="list-style-type: none"> <li>• To verify that a triangle can be drawn only if the sum of lengths of</li> </ul>

			<p>any two sides is greater than the third side, using broom sticks.</p> <ul style="list-style-type: none"> <li>• To verify Pythagoras Theorem, experimentally.</li> </ul>
January	17	<ul style="list-style-type: none"> <li>➤ Chapter – 20 Mensuration</li> <li>➤ Chapter- 21 Collection and Organisation of Data(Mean, Median and Mode),</li> <li>➤ Chapter- 23 Probability</li> </ul>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• To verify experimentally that in a triangle, an exterior angle is equal to the sum of the two interior opposite angles.</li> </ul>
February	10	➤ Revision of Annual Exam	➤ GGPS CURRICULUM- (Cube and cube roots)
<b>Revision of Annual exam portion</b>		<p><b>Chapter - 10 to 12, 15 to 17, 20 to 23</b></p> <p><b>Chapter - 1 to 4</b></p>	

**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**



**Class-VII****Subject: Science (Physics)****Prescribed Books:****Publisher**

- New Lakhmir Singh' Science VII

S.Chand school

- Author Name : Lakhmir Singh , Manjit kaur

**MONTH WISE SYLLABUS BREAK-UP****SESSION: 2024 – 25**

<b>Month</b>	<b>Working Days</b>	<b>Chapters/ Topics</b>	<b>Activity/GPS Curriculum.</b>
April	18	<b>CH- 3 Measurement.</b> Mass measuring devices. Weight, spring balance. Differences between mass and weight :volume: measurement of volume of liquids ,measurement of volume of solids: density: measurement of density of solids ,measurement of density of fluids: relative density: differences between density and relative density: floating and sinking.	To compare the density of two liquids.
May	08	<b>CH-12. MOTION AND TIME.</b> Speed: units of speed: numerical problems based on speed: measuring speeds: speeds of some animals :uniform and non uniform speed :graphical representation of motion, distance time graph: bar graph and pie chart : time: measurement of time in ancient times :units of time: simple pendulum pendulum clocks: Quartz clocks and watches.  <b>CH-04. HEAT</b> Heat- amount of heat (compare with amount of water)Hot and cold objects	Prepare a simple pendulum and measure its time period
June	09	<b>CH-04. HEAT (CONT)</b> 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 for consecutive seven days and prepare a chart of it.
July	22	<b>CH-04. HEAT (CONT)</b> 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
August	19	<b>CH-08. WIND, STORM AND CYCLONE.</b> Air, wind, atmosphere and atmospheric pressure.Air exerts 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.	To show the existence of air pressure around us through an activity.  Demonstration of an activity to show air expands on heating.
September	08	<b>REVISION OF THE CHAPTERS -3, 4 and 12 for HALF YEARLY EXAMINATION</b>	

October	15	<p><b>CH-08. WIND, STORM AND CYCLONE.</b> High speed wind are accompanied by reduced air pressure. Thunderstorm, precaution during thunderstorm. Cyclone, destruction caused by cyclone. Tornado, destruction caused by Tornado.</p> <p><b>CH-13. ELECTRIC CURRENT AND ITS EFFECTS.</b> Electric circuit and circuit diagrams, Battery Heating effect of electric current and its application .</p>	Prepare a model to show heating effect of electric current.
November	12	<p><b>CH-13. ELECTRIC CURRENT AND ITS EFFECTS. contd...</b> Electric heating appliances, electric room heater and electric iron. Electric bulbs, fluorescent tubes, CFLs. Electric fuse, short circuit and overloading, MCB.</p> <p><b>CH-13. ELECTRIC CURRENT AND ITS EFFECTS, Contd..</b> Magnetic effect of electric current. Electromagnets. Use of electromagnets, Electric bell.</p>	To make an electromagnet .
December	19	<p><b>C-14. LIGHT</b> 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.</p>	Locating the position of image in a plane mirror.
January	17	<p><b>C-14. LIGHT Contd.....</b> 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.</p>	To show that convex lens converge the light. To demonstrate the working of Newton disc.
February	10	<b>REVISION,CH- 8,13 and 14 for ANNUAL EXAMINATION and Ch 12 from half yearly portion and 20% of ch -12 of half yearly portion.</b>	

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

**SUBJECT:SCIENCE (CHEMISTRY)**

**Prescribed Books:**

- New Lakhmir Singh Science VII
- Author Name:Lakhmir Singh, Manjit kaur

**Publisher**

S.Chand school.

<b>Month</b>	<b>Working Days</b>	<b>Chapters/ Topics</b>	<b>Activity/GGPS Curriculum.</b>
April	18	<b>Ch-05,Acids, Bases and Salts</b> Topics:-Indicators for testing acids and bases Natural Indicators:- Litmus, China Rose indicators Turmeric as Indicator	To prepare China rose indicator and Turmeric paper.  To test the acidic and basic nature of the solution by: litmus paper, turmeric paper and China rose indicator.
May	08	<b>Ch-05 , Acids, Bases and Salts (Contd)</b> Synthetic indicator:- Phenolphthalein Acids:-Organic acids and Mineral acids	To make a list of strong and weak acids.
June	09	<b>Ch-05 , Acids, Bases and Salts (Contd)</b> Strong and weak acids ,Acid rain Bases:- Strong and weak bases	To make a list of weak and strong bases.
July	22	<b>Ch-05 , Acids, Bases and Salts (Contd)</b> Differences between acids and bases . Neutral Substances Neutralisation Neutralisation in everyday life. Salts: neutral salts, acidic salts and basic salts.	To make a list of neutral substances. Make list of neutral salts, acidic salts and basic salts in a chart paper. To demonstrate neutralisation reaction.
August	19	<b>Ch-15,Water and wastewater management contd...</b> Topics:-Water and wastewater management. Proper management of water. rainwater harvesting. Revival of bawris and drip irrigation.	Make a drawing to show drip irrigation in a A4 size colourful paper.
September	08	<b>Revision of Ch-05 and Ch -15( upto taught topics ) for Half Yearly Examination</b>	
October	15	<b>Ch-15,Water and wastewater management. contd..</b> Effects of water scarcity on plants .Wastewater sewage.wastewater treatment plant. Alternative arrangement of sewage disposal.	To draw a colourful diagram of waste water treatment plant.
November	12	<b>Ch-06, Physical and Chemical Changes</b> Topics:-Types of changes Physical changes Characteristics of Physical change .	To enlist the various changes occurring in our day to day life and categorise them as reversible, irreversible, physical changes and chemical changes.

December	19	<b>Ch-06, Physical and Chemical Changes</b> Chemical changes Characteristics of Chemical Changes Differences between Physical and Chemical Changes Importance of Chemical Changes	To draw a flowchart to show the processes involved in Wastewater Treatment Plant.
January	17	<b>Ch-06, Physical and Chemical Changes(Contd.)</b> A protective shield of Ozone Rusting of iron Crystallization	
February	10	<b>Revision of Ch-06 and 15(whole chapter) for Annual Examination.</b>	

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



**SUBJECT:SCIENCE (BIOLOGY)**

**PrescribedBooks:**

- New Lakhmir Singh'Science VII
- AuthorName: Lakhmir Singh,Manjit kaur.

**Publisher**

S.Chand school

<b>Month</b>	<b>Working Days</b>	<b>Chapters/Topics</b>	<b>Activity/GGPS Curriculum.</b>
April	18	<p><b><u>Ch- 01,Nutrition in Plants</u></b>                      Topics:- Modes of nutrition :- Autotrophic and Heterotrophic nutrition                      Photosynthesis, leaves of various colours                      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>	<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	08	<p><b><u>Ch-02,Nutrition in Animals</u></b>                      Topics:-Nutrition                      Different methods of taking food.                      Human digestive system organ and digestive glands .                      Introduction of human digestive system.</p>	<p>Draw a well –labelled diagram of human digestive system.</p>
June	09	<p><b><u>Ch-02,Nutrition in Animals. Contd..</u></b>                      Human Digestive System,                      To study the effect of Saliva in starch present in food                      Teeth.</p>	<p>Activity to study the effect of saliva on starch present in food.</p>
July	22	<p><b><u>Ch-02,Nutrition in Animals. Contd</u></b>                      Tooth decay, Tongue and it's functions. Diarrhoea ;some animals eat grass as food : ruminants. Digestion in Grass-eating animals Digestion in Amoeba  <b><u>Ch-9 Respiration in Organisms</u></b>                      Topics:-Respiration                      Types of Respiration (Aerobic and Anaerobic) Anaerobic respiration in muscles                      Similarities and differences between Aerobic and Anaerobic respiration                      Breathing, Breathing rate , Breathing mechanism</p>	<p>Activity to show that carbon dioxide is produced during respiration.</p> <p>Draw a diagram to show mechanism of breathing in human beings.</p>
August	19	<p><b><u>Ch-9,Respiration in Organisms .contd..</u></b>                      Respiration in Humans, Sneezing, Yawning and smoking                      Respiration in plants.</p> <p><b><u>Ch-10, Transport in Animals and Plants(Contd.)</u></b>                      Topics: - Transport in Humans: Circulatory System, Components of Blood, Blood, Blood Vessels, Heart and its structure.                      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>	<p>Diagram to show the transport system in Animals.</p>
September	08	<p><b>Revision of Ch-01,02, 9 and 10</b>  <b>HALF YEARLY EXAMINATION</b></p>	
October	15	<p><b><u>Ch-11, Reproduction in Plants.</u></b>                      Vegetative propagation, Budding, Fragmentation, Spore Formation, Sexual Reproduction in Plants,</p>	<p>Draw diagram to show the different methods of reproduction in plants</p>

November	12	<b>Ch-11, Reproduction in Plants. Contd..</b> Structure of Flower, Pollination and agents of pollination, Fertilization, Germination; Dispersal of seeds and fruits Agents of dispersal	Draw a diagram of a flower showing fertilization in it. Draw a well –labeled diagram of a flower Showing its male and female reproductive parts.
December	19	<b>Chapter 7 Adaptation in animals</b> Topics:- climate and adaptation; The polar regions: adaptation in polar bear and penguins; migration of birds; the tropical rainforest, adaptation in big cats, elephant, red eyed frog, toucan, monkey and lion tailed macaque, adaptation based on structures behaviour: adaptation in spiders, earthworms, snails and reptiles.	Make a collage of different animals of polar regions, desert and tropical rainforest.
January	17	<b>Ch-16 Forests: Our Lifeline</b> <u>Topics:</u> Components of a forest: plants ,animals , decomposers, soil, water and air. Structure of a forest ; canopy, understory, shrub layer, herb layer and forest floor; forests are important for maintaining balance of carbon dioxide and oxygen in atmosphere.	Draw the structure of a forest showing the various layers of vegetation in it.
February	10	<b>Ch-16 Forests: Our Lifeline Topics: Forest</b> contd... Water cycle, preservation of soil erosion and flood and conservation of wildlife. REVISION OF CH-7, 11 AND 16 FOR ANNUAL EXAMINATION and Ch 09. Respiration in Organisms.	

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

**PHYSICS :**

**CH 12 MOTION AND TIME: Acceleration and retardation Force Pressure**

**CHEMISTRY :**

**Ch : 4 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**

Class:VII

SUBJECT: Social Science

Prescribed Books:

Publisher: Book Magic

Horizon My Book Of Social Science

MONTH WISE SYLLABUS BREAK-UP

SESSION: 2024 – 25\

Month	Working Days	Chapters	Activity	GGPS Curriculum
April	18	History:Ch-1. What,When,Where and How  Civics: Ch1-Equality:A Key Feature of Democracy  Geography:Ch-1. Environment Ch-2 Inside Our Earth	Collect & Paste the images of Archaeological & Literary Sources of Medieval India.  Draw the realms of the Earth & the Ecosystem Draw the Structure of the Earth Collect pictures of some monuments and find out which types of rocks were used to build them.	Challenges of Democracy
May	08	History Ch2-New Kings and Kingdoms	On an outline map of India mark the important regional dynasties	
June	09	Civics-Ch2-The Role of State Government: Healthcare	Prepare a chart by listing the differences between public and private healthcare facilities.	
July	22	History- Ch-3 The Delhi Sultanate Civics :Ch-3 The State Government Geography Ch-3 The Internal Forces of the Earth	On an outline map of India mark the areas of the Delhi Sultanate during the rule of Tughlaq dynasty.  Make a flow chart of the State Government. Draw the Structure of Volcano.	Sundhnukur volcanic eruptions 2023-24.
August	19	History Ch 4–The Mughal Empire  Civics:Ch.4-Gender Inequality Geography Ch-4 The External Forces of The Earth	Collect & paste the picture of some famous Mughal Rulers along with short description.  On an outline map of India mark any three regions of Mughal Empire.  Create a poster on the topic; “Gender Equality”. Draw any three landforms formed by the erosional works of rivers & seawaves.	Important features of riverine landforms.
September	08	Revision of Half Yearly Exam Practice Test Paper-1		
<b>Half Yearly Exam portion</b>		History Ch.1 to 4 Civics Ch.1 to 4		

		Geography-Ch.1 to 4		
October	15	History:Ch.5- Tribal and Nomadic Communities Civics-Ch5- Women Change the World Geography:Ch-5 The Atmosphere	On an outline map of India mark the different tribal groups of India. Draw the Layers of the Atmosphere & different types of rainfall. Draw the Pressure Belts and Wind System.	Women of the 21 <sup>st</sup> century and Women empowerment schemes
November	12	History-Ch-6 Religious Beliefs and Movements Civics-Ch.6- The Role of Media in India Geography Ch 6-Water	Collect & paste the images of any three Bhakti&Sufi saints and write three lines about them. Find out about one such social movement in which media played a significant role . Draw the Water Cycle. On an outline map of the world mark any two warm and cold ocean currents.	Multipurpose River Valley Projects in India.
December	19	History: Ch.7 Emergence of Regional Cultures Civics.Ch.-7 Advertising Ch-8 The Markets Geography-Ch7 Tropical and Sub-Tropical Regions	Collect & paste the pictures of different types of markets in your locality.  Collect & paste the pictures of Flora & Fauna of the Amazon Basin & Ganga Brahmaputra basin.	.
January	17	History Ch- 8 New Political Formations Geography:Ch-8 Life in the Deserts	On an outline map of India mark any three independent states after the decline of Mughal empire. To make a comparative chart between the features of Sahara and Ladakh.	Struggle of Guru Gobind Singh against the Mughals.
February	10	Revision of Annual Exam Practice Test Paper-2		
<b>Annual Exam Portion</b>		History:Ch.5 to 8 & Ch. 3 Civics: Ch.5 to 8 & Ch.3 Geography: Ch.5 to Ch 8 & Ch 3		

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



**Class: 7**

**SUBJECT: LIFE SKILLS**

**Book: Values for Good Life**

**Publisher: Gurukul Publ. Ltd**

**Author: Vijay Singh & Mamta Singh**

**MONTH WISE SYLLABUS BREAK-UP**

**SESSION: 2024 – 25**

<b>S.No.</b>	<b>Month</b>	<b>Chapter Name</b>	<b>GGPS Curriculum</b>
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	<b>Half Yearly Exam Portion L-1 TO L-4</b>	
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	<b>Annual Exam Portion L-5 TO L-8 Revision</b>	

**Class: VII**

**Book Prescribed: ASK ME**

**Subject: General Knowledge**

**Publication: SUNBEAM (BASED ON NCF 2023)**

Month	Working Days	Chapter /Topics	GGPS Extra Curriculum
April	18	<b>UNIT 1: NATURE</b> 1. Strange Deep-Sea Creatures 2. Striking Reptiles 3. Amazing Forests 4. Famous lakes 5. Famous waterfalls 6. Newly Discovered Animals 7. Natural Wonders 8. Antarctica :The Frozen Continent 9. Unusual Plants	--
May	08	<b>UNIT 2: INDIA</b> 10. Indian Textiles and Traditional Dresses 11. Hill Stations of India 12. Dams of India 13. Bridges of India	--
June	09	14. Around India 15. Elections in India 16. India's Paramilitary Forces 17. Women Corporate Leaders of India 18. Indian Traditional Paintings	--
July	22	<b>UNIT 3: Around the world</b> 19. Populous Cities of the World 20. Tribes of the World 21. Religious of the World 22. Logos We Love 23. Unique Hotels 24. Manmade Wonders of the World 25. Famous Firsts 26. Business Giant	Current Affairs
August	19	27. Coins and Currencies 28. Weirdest Buildings in the World <b>UNIT 4: Language</b> 29. Jataka Tales 30. Pen Names 31. Epics 32. Books We love 33. Biographies 34. Famous Philosophers 35. World of Shakespeare	--
September	08	36. Media magic 37. Famous Libraries in India 38. Famous Poems 72. Test Paper 1 73. Test Paper 2 <b>1.Revision      2.Half Yearly Exam</b>	--

<b>October</b>	15	<b>UNIT 5: Science</b> 39. Phobias 40. Flying Machines 41. Satellites 42. Space Shuttles 43. Mobile Apps 44. Astronauts in Space 45. Eco-friendly invention 46. IT Quiz 47. Everyday Kitchen Science 48. Artificial Intelligence(AI)	Need of Artificial Intelligence
<b>November</b>	12	<b>UNIT 6: Sports</b> 49. Martial Arts 50. Women in Sports 51. Records of India 52. Cricket 53. Sporting Families 54. Stadiums 55. Field Hockey 56. Upcoming Sports Stars <b>UNIT 7: Entertainment</b> 57. Great Musicians and Composers 58. Film Genres 59. Handicraft 60. Fastest Cars in the World	--
<b>December</b>	19	61. Radio Station 62. Comedy Movies <b>UNIT 8: Life Skills</b> 63. Coping with Stress 64. Rules for Online Safety	Types of Artificial Intelligence
<b>January</b>	17	65. Teamwork 66. Consumer Right <b>UNIT 9:</b> 67. Brain teasers 68. Think Logically 69. Knowledge test 70. IQ test <b>71.</b> Hidden figures	--
<b>February</b>	10	<b>1.Revision</b> 74. Test Paper 3 75. Test Paper 4 <b>2.Annual Exam</b>	--

Class: VII

Subject: COMPUTER

Book Prescribed: Artificial Intelligence Computer coding Volume-VII

Publication: MICAEDUCO

**MONTH WISE SYLLABUS BREAK-UP  
SESSION: 2024 – 25**

Month	Working Days	Chapter /Topics	Project/ Lab Activity	GGPS Extra Curriculum
April	18	<b>Chapter 1:</b> Prospectus of AI	1. Categories of AI 2. Features of AI 3. Activities in Page 18	History to Artificial Intelligence
May	08	<b>Chapter 2:</b> AI & System Software	1. Different OS. 2. Features of Operating System. 3. Activities in Page 24,26	Uses of Artificial Intelligence
June	09	<b>Chapter3:</b> Database	1. Features of DBMS 2. Working in DBMS with steps 3. Lab Activities in Page 36,40.	--
July	22	<b>Continue Chapter3:</b> Database	1. Components of Database window 2. Views and some important terms of database 3. Lab Activities in Page 41,43	--
August	19	<b>Chapter 4:</b> Interpretation in Database	1. Sort, Filter 2. Creating relation between tables 3. Lab Activities in Page 45,48,50,52,54,60	--
September	08	1. <b>Revision</b> (from chapter 1to 4) 2. <b>Half Yearly Exam</b>	Revision of all the assignments	--
October	15	<b>Chapter 5:</b> Ethics & Safety Measures	1. Intellectual Property Rights 2. Types of Cyber Crimes 3. Lab Activities in Page 72	Need of Artificial Intelligence
November	12	<b>Chapter 6:</b> Intro to Scratch	1. Components of Scratch Screen 2. Different tools and their use in Scratch 3. Lab Activities in Page 79,82,84,89,91,94	--
December	19	<b>Chapter 7:</b> Coding in Scratch	1. Types of coding in Scratch 2. Different types of Statements in Scratch Code. 3. Lab Activities in Page 103,106,107,108	Types of Artificial Intelligence
January	17	<b>Chapter 8:</b> Network	1. Different components of Network 2. Types of Network 3. Different types of Network Topologies. 3. Lab Activity in Page 120, Draw all diagrams of Network topologies.	--
February	10	1. <b>Revision</b> (from chapter 5 to 8 and chapter 4) 2. <b>Annual Exam</b>	Revision of all the assignments	--

**CLASS : VII**

**SUBJECT : ART & CRAFT**

- **PRESCRIBED BOOKS :- I AM AN ARTIST**
- **PUBLISHER :- KIRTI PUBLICATIONS**

**MONTH WISE SYLLABUS BREAK-UP  
SESSION: 2024 – 25**

<b>Month</b>	<b>Working Days</b>	<b>Chapters / Topic</b>	<b>Activity</b>
<b>April</b>	<b>18</b>	<b>Introduction of Arts Still Life</b>	<b>Nature Study</b>
<b>May &amp; June</b>	<b>17</b>	<b>Animal study Monuments</b>	<b>Landscape Composition</b>
<b>July</b>	<b>22</b>	<b>Human Anatomy</b>	<b>Sketching</b>
<b>August</b>	<b>19</b>	<b>Portrait</b>	<b>Poster Design</b>
<b>September</b>	<b>08</b>	<b>Folk Art</b>	<b>Indian Art</b>
<b>October</b>	<b>15</b>	<b>Collage Art</b>	<b>Cartoon Characters</b>
<b>November</b>	<b>12</b>	<b>Calligraphy</b>	<b>Rangoli Design</b>
<b>December</b>	<b>19</b>	<b>Mehandi Design</b>	<b>Mosaic Art</b>
<b>January</b>	<b>17</b>	<b>Art and craft</b>	<b>Legendary Artists</b>
<b>February</b>	<b>10</b>	<b>Fine art</b>	<b>Shading &amp; Blending</b>