**GURU GOBIND SINGH PUBLIC SCHOOL**
**SECTOR– V/ B, BOKARO STEEL CITY**
**SYLLABUS : 2021 – 22**

**Class: IV** **SUBJECT: ENGLISH**

**Prescribed Books :** **Publisher**

- Gul Mohar – 4 Language for Life — Orient Black Swan
- Gul Mohar – 4 Grammar and Language Skills — Orient Black Swan

| Month | Working Days | Chapters / Topics | Activity |
|---|---|---|---|
| April | 18 | **Gul Mohar Language for Life:**<br>Ch - 1: Be Prepared<br>Poem: On the Bridge<br>**Gul Mohar Grammar and language skills:**<br>• Worksheet – 1<br>• Worksheet – 2<br>**Grammar:**<br>• The Sentence and its kinds<br>• Nouns<br>**Writing Section:**<br>• Rearrange the words to make meaningful sentences<br>**Activity:**<br>Have you ever stood on a bridge over a stream or a river?<br>Write few lines on what you saw and whether you enjoyed your time? | Have you ever stood on a bridge over a stream or a river? Write few lines on what you saw and whether you enjoyed your times? |
| May & June | 05 and 13 | **Gul Mohar Language for Life:**<br>Ch – 2 : The Visit to the Mansion<br>Ch – 3 : Tine and the Faraway Mountain<br>**Gul Mohar Grammar and language skills:**<br>• Worksheet – 10<br>• Worksheet – 4<br>**Grammar:**<br>• Pronouns<br>• Verbs<br>**Writing Section :**<br>• Picture Writing<br>• Paragraph Writing<br>**Activity:**<br>Set up a library in your class.<br>(Worksheet 4, Page no. 29) | Set up a library in your class.<br>(Worksheet 4, p[age no. 29) |
| July | 21 | **Gul Mohar Language for Life:**<br>Poem: Seeds<br>Ch: 4 The Trumpet of the Swans<br>Poem: Summer Sun<br>**Gul Mohar Grammar and language skills:**<br>• Worksheet – 8<br>• Worksheet – 11<br>**Grammar:**<br>• Tenses<br>**Writing Section:**<br>• Formal Letter<br>**Activity:**<br>Plant a seed in a small jar and observe the different stages of the growth of a plant. | Plant a seed in a small jar and observe the different stages of the growth of a plant. |

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| August | 20 | **Gul Mohar Language for Life:**<br>Ch – 5 Before the Match<br>Ch – 6 Saving the Sparrows<br>Poem: Smells<br>**Gul Mohar Grammar and language skills:**<br>• Worksheet – 12<br>**Grammar:**<br>• Subject - Verb Agreement<br>**Writing Section:**<br>• Paragraph Writing<br>**Activity:**<br>Paste a picture of two endangered species and describe them in a paragraph. | Paste the picture of two endangered species and describe them in a paragraph. |
| September | 12 | **Revision of the Half yearly portion**<br>**Gul Mohar Language for Life:**<br>Ch – 7 The Television Chocolate Room | |
| October | 15 | **Gul Mohar Language for Life:**<br>Ch – 8 Chips<br>Poem: How the Little Kite Learned to Fly<br>**Gul Mohar Grammar and language skills:**<br>• Worksheet – 5<br>• Worksheet – 6<br>**Grammar:**<br>• Articles<br>**Writing Section:**<br>Informal Letter<br>**Activity:**<br>Make an attractive colourful kite and Write about any of your fear that you would like to get over. | Make an attractive and colourful kite and write about any of your fear that you would like to get over. |
| November | 13 | **Gul Mohar Language for Life:**<br>Ch – 9 Crow Boy<br>Ch – 10 Running Away<br>**Gul Mohar Grammar and language skills:**<br>• Worksheet – 9<br>• Worksheet – 7<br>**Grammar:**<br>• Adjectives<br>**Writing Section:**<br>• Informal Letter<br>**Activity:**<br>Make a UFO using paper plates. | Make a UFO using paper plates. |
| December | 18 | **Gul Mohar Language for Life:**<br>Ch – 11 A Tuesday<br>Poem: Great, Wide, Beautiful, Wonderful World<br>**Grammar:**<br>• Adverbs<br>**Writing Section:**<br>• Picture Writing | |
| January | 20 | **Gul Mohar Language for Life:**<br>Ch – 12 A Game of Hopscotch<br>Poem: Planting the Tree | Make a poster appealing to the local resident and tourists to keep the mountain clean. (Worksheet 3. |

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| | | **Gul Mohar Grammar and language skills:**<br>• Worksheet – 3<br>**Grammar:**<br>• Prepositions<br>• Conjunctions<br>**Writing Section:**<br>• Paragraph Writing<br>**Activity:**<br>Make a poster appealing to the local residents, tourists and mountaineers to keep the mountain clean.<br>(Worksheet 3, page no. 21) | Page n0. 21) |
| February | 11 | **Gul Mohar Language for Life:**<br>Ch – 3 Tine and the Faraway Mountain<br>**Grammar:**<br>• Verbs<br>**Writing Section: Revision**<br><br>**Revision of Final Exam** | |

**Note:** Annual Exam Portion
Course book-Chapter-3 Tine and the Faraway Mountain.
Grammar-Verbs

Revision worksheet 1,2 and 3to be done as per the completion of the syllabus.

*Activities will be done in the class.

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

GURU GOBIND SINGH PUBLIC SCHOOL SECTOR-V/B,B.S.City GGPS

# सत्र – 2021-2022

## विषय हिदी

**पाठमाला :- प्राची सारांश (भाग 4 )** **पब्लिकेशन – प्राची (इंडिया) private लिमिटेड**

**गुरुकुल मयंक हिंदी व्याकरण (भाग 4 )** ***गुरुकुल पब्लिकेशन***

| महीनों के नाम | कार्य दिवस | पाठ्यपुस्तक | व्याकरण | कला कौशल | परियोजना कार्य | परियोजना कार्य |
|---|---|---|---|---|---|---|
| अप्रैल | 18 | पाठ 1 हम ( कविता)<br>पाठ 2 जब मैं पढ़ता था ( मोहनदास करमचंद गाँधी )<br>पाठ 3 चांदनी जीती | भाषा, वर्ण | बगीचे का एक चित्र बनाए उसमें पेड़ – पौधे , फूल का चित्र बनाकर रंग भरें ।<br>गाँधी जी का चित्र चिपकाकर उनके बारे में पाँच वाक्य लिखें ।<br>स्वतंत्रता पर परिचर्चा – स्वतंत्रता विषय पर । | | |
| मई | 05 | पाठ 4 नाक की महिमा | संज्ञा, विलोम शब्द( अंदर से धनी तक) समानार्थी शब्द(( 1 से 18 तक ) लिंग बदले( काका से शिक्षक तक) वचन बदलें( कमरा से रात तक) अनेक शब्दों के लिए एक शब्द(1 से15 तक) मुहावरे (1 से 10 तक) | नाक का चित्र बनाओ और नाक के महत्त्व पर पाँच वाक्य लिखें । | वृक्ष लगाएं, वृक्ष बचाओ और धरती सँवारे इस विषय पर अनुच्छेद लिखें । | |
| जून | 13 | पाठ 5 उठो पार्थ, गांडीव संभालो<br>पाठ 6 दोहा - पंचक | सर्वनाम | नाटकीय रूपांतर द्वारा ।<br>कबीर, रहीम और तुलसीदास के चित्र चिपका कर उनके दो – दो दोहे लिखें । | | |
| जुलाई | 21 | पाठ 7 अजंता की गुफ़ाएँ<br>पाठ 8 हमारे शरीर में रक्त<br>पाठ 9 मेरी डायरी से | अपठित गद्यांश, अनुच्छेद लेखन | भगवान बुद्ध का चित्र बनाकर उनके बारे में पाँच वाक्य लिखें ।<br>एक चार्ट द्वारा पौष्टिक एवम् संतुलित भोजन सचित्र दर्शाएँ ।<br>किसी ऐतिहासिक स्थान का वर्णन अपने शब्दों में डायरी में लिखों । | | |

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| अगस्त | 20 | पाठ 10 पौधा और पेड़<br>पाठ 11 कदंब का पेड़ | चित्र लेखन | गुल्लक का चित्र बनाकर बचत करने के पाँच फ़ायदे लिखें ।<br>कदंब का पेड़ और बाँसुरी का चित्र बनाए । | कहानी लेखन<br>( गुरु गोबिंद सिंह अतिरिक्त पाठ्यक्रम) | |
| **सितंबर** | **12** | **पुनरावृति और अर्धवार्षिक परीक्षा** | ---------- | ---------- | | ---------- |
| अक्टूबर | 15 | पाठ 12 चक्रव्यूह<br>पाठ 13 चिड़ियाघर की सैर | विशेषण,क्रिया | अपने मनपसंद चरित्र का वर्णन अपने शब्दों में करें।<br>राष्ट्रीय पशु और पंक्षी का चित्र बनाकर पाँच वाक्य लिखें। | आपने अपने भविष्य के लिए क्या लक्ष्य रखा है, और क्यों रखा है ? इस बारे में पाँच वाक्य लिखें । | |
| नवंबर | 13 | पाठ 14 संत नामदेव : समाज – सुधारक<br>पाठ 15 गुणवंती | अनुच्छेद,<br>औपचारिक पत्र | आपके अनुसार जानवरों के प्रति हमें कैसे भाव रखना चाहिए? पाँच शब्दों में लिखें।<br>आप अपने अंदर के तीन गुण और अवगुण को लिखें। | | |
| दिसंबर | 18 | पाठ 16 दक्षिण अफ्रीका में गाँधीजी<br>पाठ 17 मुक्ति की आकांक्षा<br>पाठ 18 भ्रम का भूत | विलोम शब्द (धर्म से हिंसा तक)<br>समानार्थी शब्द (19 से 37 तक)<br>लिंग बदलें (बाघ से ससुर तक) ,<br>वचन बदलो (रानी से चिड़िया तक) अनेक शब्दों के लिए एक शब्द (16 से 30 तक),<br>मुहावरे(11 से 20 तक) | पाँच महापुरुषों के चित्र चिपकाकर चार्ट पेपर को सजाए ।<br>पाँच पंक्षियों के चित्र बनाकर उनसे कोलाज बनाए ।<br>अपने मनपसंद कार्टून चरित्र का चित्र बनाए । | देश प्रेम पर चित्र बनाकर कोई कविता लिखें ।<br>फुटबॉल खेलते हुए बच्चों का चित्र बनाकर फुटबॉल खेल के बारे में कुछ जानकारियाँ दें । | |
| जनवरी | 20 | पाठ 19 शेंगान<br>पाठ 20 गिरिधर की कुंडलियाँ<br>पाठ 21 महावैज्ञानिक चंद्रशेखर वेंकट रामन | अपठित गद्यांश,<br>चित्र लेखन | पाँच वैज्ञानिकों के नाम तथा उनके आविष्कार के चित्र सहित नाम लिखें। | संवाद लेखन<br>( गुरु गोविंद सिंह अतिरिक्त पाठ्यक्रम) | |
| फरवरी | 11 | पुनरावृति और वार्षिक परीक्षा | | पुनरावृति और वार्षिक परीक्षा | | |

**नोट :- 1) अर्धवार्षिक परीक्षा पाठ 1 से 11 तक**

**2) वार्षिक परीक्षा पाठ 12 से 21 तक**

**अर्धवार्षिक परीक्षा पाठ्यक्रम का 10% पाठ माला से पाठ 10 पौधा और पेड़**

**अर्धवार्षिक परीक्षा पाठ्यक्रम का 10% व्याकरण से ( संज्ञा)**

## Syllabus (2021 – 2022)

# Subject: Mathematics

## Prescribed Book:- Exploring Mathematics

| Month | No. of working days | Contents | Lab activity |
|---|---|---|---|
| **April** | 18 | Chapter – 1<br>Numbers.<br>Chapter - 2<br>Addition and Subtractio | To convert the expanded form of a number to its standard form.<br>To practice mathematical concept of roman numerals with the help of number cards from 0 to 9. |
| **May** | 05 | Chapter - 2<br>Addition and Subtraction (Continued) | |
| **June** | 13 | Chapter - 3 Multiplication. | |
| **July** | 21 | Chapter - 4 Division | To understand factors and multiples. |
| **August** | 20 | Chapter - 5 Multiples and Factors<br>Chapter – 7 Money | To get the feel of different types of angle formed through paper folding. |
| **September** | 12 | GGPS Curriculum<br>Nets of Solids ,<br>**Revision for Half Yearly** | |
| **October** | 15 | Chapter - 6 Fractions.<br>Chapter - 8 Measurement. | To get a better understanding of fraction with the help of colour paper.<br>To measure perimeter of undefined shapes by using thread. |
| **November** | 13 | Chapter – 9 Time | To measure perimeter and area of same rectangle or square. |
| **December** | 18 | Chapter -10 Geometry | Identify line of symmetry in national flag of various countries. |
| **January** | 20 | Chapter – 11 Data and Graph<br>GGPS Curriculum<br>Decimals (Conversion ) | |
| **February** | 11 | Revision | |

**Note**: 10% of Half Yearly portion will be included in Annual Exam. i.e. Chapter 2- Addition and Subtraction.

**SESSION: 2021-2022**

**SUBJECT-EVS**

**BOOK PRESCRIBED:** EXPLORING SCIENCE

**PUBLICATION:** MEGAMIND PUBLICATION(P) LTD

| Month | Working Days | Contents/Chapters/Topics to be Covered | Activity/Project |
|---|---|---|---|
| April | 18 | Unit- 1:<br>Ch- 1: Food-Our Basic Necessity<br>Ch-2: Food and Digestion | 1.Make a chart of balanced diet.<br>2.Make a model of food pyramid. |
| May | 05 | Unit- 1<br>Ch-2: Food and Digestion (contd...) | 1.Collect and paste pictures of various micro-organisms. |
| June | 13 | Unit 2<br>Ch-3: Keeping Safe. | 1. Collect and paste pictures of road signs in your scrapbook.<br>2. Make your own First-Aid box with different tools. |
| July | 21 | Ch-4: Our Clothes<br>Ch-5: Solid, Liquid and Gas | 1. Collect the samples of following items and paste it in scrapbook.<br>(a) Natural fibres<br>(b) Synthetic fibres.<br>2. Draw and colour the molecular arrangement in Solid, Liquid and Gas. |
| August | 20 | Ch- 6: Soil<br>Unit-3:<br>Ch-7: Plants and Photosynthesis | 1. Collect the samples of different types of soil in transparent pouch and paste it in scrapbook.<br>2. Activity to show presence of starch in green leaves. |
| September | 12 | Ch-7: Plants and Photosynthesis (contd..)<br><br>Revision for Half-Yearly Examination (Ch-1 to Ch-7) | 1. Draw a picture to show interdependence between plants and animals.<br>2. Make a model to show the process of photosynthesis. |
| October | 15 | Ch- 8: Adaptations in Plants<br>Ch- 9: About Animals | 1.Make a chart of life cycle of a frog.<br>2. Make a chart that shows some unusual plants. |
| November | 13 | Ch-10: Animals-Classification and Survival<br>Unit- 4:<br>Ch-11: Force, Work and Energy | 1. Paste some pictures of endangered animals in scrapbook.<br>2. Draw or paste pictures of some simple machines. |
| December | 18 | Unit-5:<br>Ch-12: Weather, Air and Water<br>Ch-13: The Earth and its Neighbours | 1.Draw or paste picture of water cycle and describe it.<br>2.Draw or paste pictures of some famous constellations. |
| January | 20 | Ch-14: Our Environment | 1. Collect some pictures of biodegradable and non-biodegradable wastes and paste them in your scrap book. |
| February | 11 | Revision (Ch-8 to Ch-14+10% of Half Yearly i.e Ch-3: Keeping Safe) + Model Test Paper-1+Model Test Paper-2 | |

**GGPS Curriculum**

* Nuclear family
* Structure of a leaf
* Currencies of different countries
* Birds of different regions.
* Capital of different countries
* Specific flowers of different regions.

## SESSION: 2021 – 22
## Subject: COMPUTER

**Book Prescribed : LOGIN (Based on Windows 7 and MS Office 10)**
**Publication : Head Word**

| Month | Working Days | Chapter /Topics and Activity | Activity | GGPS Curriculum |
|---|---|---|---|---|
| **April + May** | 23 | **Chapter 1 :Hardware and Software** | Make a chart of hardware and software and their features. | -- |
| **June** | 13 | **Chapter-2:More on Window 7** | Perform Activities given in this chapter. | -- |
| **July** | 21 | **Chapter-3: Fun with Paint** | Perform Activities given in this chapter. | Topic 1: Introduction to memory storage Device and their types. |
| **August** | 20 | **Chapter-4:Editing in MS Word** | Perform Activities given in this chapter. | -- |
| **September** | 12 | 1.**Revision** (from chapter 1 to4)<br>**Half Yearly Exam** | | -- |
| **October** | 15 | **Chapter-5:Formatting in MS Word** | Perform Activities given in this chapter. | -- |
| **November** | 13 | **Chapter-6: Introduction to MS Power point** | Perform Activities given in this chapter. | -- |
| **December** | 18 | **Chapter-7:More on MSW Logo** | Perform Activities given in this chapter | **Topic 2:** Introduction to AI |
| **January** | 20 | **Chapter-8: Introduction to the Internet** | Perform Activities given in this chapter | -- |
| **February** | 11 | 1.**Revision**( from chapter 6 to 10 and chapter 1) for **Annual Examination**<br>**2.** Revision of all the Assignments | | -- |

## SYLLABUS (2021-22)
## SUBJECT: MORAL SCIENCE

**Book prescribed: Nectar Drops** **Publisher: Prachi (India) Pvt. Ltd.**
**Author: Dr. J.P. Sharma**

| S.No. | Month | Chapter Name | GGPS Curriculum |
|---|---|---|---|
| 1 | April | L-1 Whatever God Does is Right | |
| 2 | May | L-2 The Golden Touch | |
| 3 | June | L-3 Try and Try Again | |
| 4 | July | L- 4 Work is Worship<br>L-5 As you Sow, So Shall You Reap | Reading of story book 'Panchatantra' |
| 5 | August | L-6 Forgiveness<br>L-7 Abou Ben Adhem | |
| 6 | September | **Half Yearly Exam**<br>**Portion- L-1 TO L-7** | |
| 7 | October | L-8 Truthfulness | |
| 8 | November | L-9 Good Company | |
| 9 | December | L-10 Politeness | Reading of story book 'Panchatantra' |
| 10 | January | L-11 Health is Wealth<br>L-12 Our Motherland | |
| 11 | February | **Annual Exam Portion L-8 TO 12** | |

## SUBJECT – GENERAL KNOWLEDGE

**Book prescribed: Know For Sure** **Publisher: Indiannica Learning**

**Author : Siddhartha Basu**

| S.No. | Month | Chapter Name | GGPS Curriculum |
|---|---|---|---|
| 1 | April | **UNIT -1 The Natural World**<br>Animal Kingdom<br>Where in the world<br>All at see<br>Mighty mountains<br>Wonders of nature<br>Insect eating plants<br>Animals and their habitats | |
| 2 | May | **UNIT-1 The Natural World**<br>Flower Power<br>Plant Kingdom<br>The Water Cycle | |
| 3 | June | **UNIT-2 Science and Technology**<br>Medically speaking<br>Mission Space<br>Our Solar System<br>How Our Body Works<br>Eating Healthy<br>NET Working<br>WORKING smarter | |
| 4 | July | **UNIT-3 Things Around Me**<br>How green and clean is your neighbourhood?<br>Machines at work<br>Working for a cause<br>Crops in India<br>Life Cycle of a crop<br>Understanding traffic signs | Current Affairs Quiz |
| 5 | August | **UNIT -4 Numbers and Logical Skills**<br>Solve the maze<br>Riddles<br>**UNIT -5 Language and Literature, Legends and Myths**<br>Story time<br>A matter of spellings<br>Word Pyramids<br>Book Clubs<br>Find a phrase | |
| 6 | September | **Half Yearly Exam Portion**<br>**UNIT -1 TO UNIT-5** | |
| 7 | October | **UNIT-6 Arts and MUSIC**<br>Lights! Camera! Action!<br>Music to the ears<br>UNIT-7 Sports<br>Sports stars<br>Cricket crazy<br>Guess the game<br>Cups and games<br>Judo Jedi<br>Sports vocab | |

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| 8 | November | **UNIT-7 The World Around Us**<br>Globetrotting<br>Famous firsts<br>Great emperors<br>Politicians and leaders<br>Famous lakes in India | |
| 9 | December | **UNIT-8 The World Around Us**<br>Sobriquets<br>Geo regions<br>Festive spirit<br>Stars of the business world<br>I fear<br>Ports ahoy!<br>Shining India<br>Changing names | |
| 10 | January | **Mixed Bag** | Current Affairs Quiz |
| 11 | February | **Annual Exam Portion UNIT -6 to UNIT- 8** | |

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