

# **SYLLABUS OF CLASS : VIII (2019-20)**

**Let's get started with our meticulous  
Thinking and Planning.**

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## INSTRUCTIONS FOR STUDENTS

1. Start each class assignment with date and the name of the lesson.
2. Fill the index properly side by side.
3. Draw finishing line after every answer.
4. Do correction work after every lesson.
5. Use pencil for geometry work, pictures, web charts & map work.
6. Students should not do over-writing, cutting and tearing of pages from books and notebooks.
7. Write serial number on each page of the notebook.
8. Paste flap of word meaning before every chapter in the book.
9. Highlight the important lines with yellow colour highlighter.
10. Use your left hand to activate your right brain.
11. Practice meditation or relaxation exercise after every period.
12. Bring your bag according to the time - table.
13. Spare some time aside for self study.
14. CD of all the subjects should be used regularly.
15. ***Special Note: All the instruction should be read by the students in the class in the presence of teachers.***



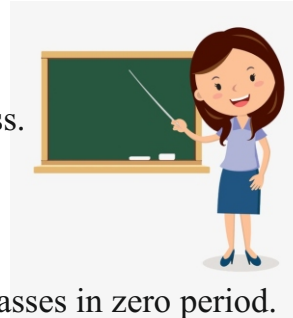
## INSTRUCTIONS FOR PARENTS

1. Parents should be particular about the respect and dignity of the teachers and management.
2. Keep a strict eye on the behaviour of your child. Your *loving and careful* attention is very much necessary for your child.
3. Attend PTM regularly to discuss the progress of the child.
4. Check the almanac of your ward daily and sign it.
5. Give healthy diet to your child like sprouts, almonds, green vegetables, fruits and milk.
6. Converse in English with your child at home.
7. Both father and mother should come on every PTM and on the result days.
8. Don't criticize the teachers in front of your child.
9. Spend quality time with your child.
10. For better communication, never rebuke your child to express himself/herself.
11. Don't come to school in between the school hours. If necessary, come after 1:30 p.m. to meet the teachers.
12. Parents should follow the school norms given in the Almanac.
13. Kindly consult the Almanac for all kind of information regarding school activities.
14. Try to communicate with the teachers through Almanac.



## INSTRUCTIONS FOR TEACHERS

1. Read the “Teacher’s Perfection” book time to time and work accordingly.
2. Teachers should plan everything systematically before entering in the class.
3. Teachers must see to it that two minutes meditation should be conducted before commencing the teaching and before dispersal.
4. Teachers must give the revision of class work daily, as home assignment.
5. English Conversation is must, so teachers should conduct conversation classes in zero period.
6. It is the duty of the class teacher to conduct all the activities mentioned in the almanac.
7. They have to do the checking work side by side. They should not pile up their work for the next day.
8. All the subject teachers should clear general concepts before beginning of new chapter.
9. Question answers given at the back of the chapter & in between the chapter must be done by the teachers for a complete knowledge.
10. Teacher should pay attention that long and descriptive questions should be done in the class by the students (don’t dictate) and objective type questions i.e match the following, fill ups etc. should be given as home work.
11. After the explanation of the chapter by the teacher, exercises of the work book will be done by students and also cross checked among the students.



**13 a) English (NCERT)**

1. (I) Sec – A (Reading) – reading/ Unseen Passages exercises will be done. (II) Sec –B (Writing) –writing exercises, grammar, Vocabulary, spelling/ punctuation exercises. Sec-A will be practised by the students and Sec-B will be discussed by teachers as per requirement.

2. Important grammar topics will be taught by the teachers in an elaborate way by providing them notes in the note books.

3. Honey Dew, literature reader (Sec-C) will be done by the students in the class, only Q / Ans will be discussed by the teacher, summarization of each chapter will be written in the note books.

**b) Hindi (NCERT)**

Poems should be read with proper expressions. Teachers should lay stress on vocabulary, dictation, word meanings, part of speech, sentences making and structure.

**c) Mathematics (NCERT)**

Fundamental concept should be clear to students. Basic formulas related to topic should be explained and written in the note book before starting the exercise. Lay stress on proper use of Geometrical instruments. Maths lab activities are mentioned at the end of every lesson.

**d) Science (NCERT)**

After completion of chapter students will do the activities related to the same. Give more stress on diagrams, definitions and important terms. Fundamental concepts should be clear to the students.

**e) Social Studies (NCERT)**

Aims and objectives of the lesson should be written in note book. Learning process should be made easy by using web charts, flow charts, diagrams etc. Important dates and events should be given in a table format.

After completion of chapter, students will do the Q/ Ans related to chapters in note books in the class room.

Map book will be done simultaneously after each chapter.

## Evaluation Scheme For Session 2019-20

### Instructions For Assessment

1. There will be two terms –Mid Term and Final Term ,the students have to clear both to be promoted to the next class.
2. Mid Term includes Cycle Test I and Half Yearly Exam.
3. Final Term includes Cycle Test II and Annual Exam.
4. Marks Distribution for Mid Term and Final Term is given below:-

| Type of Assessment                           | Syllabus Covered  | Maximum Marks | Weighthage | Total Marks | (Mid Term) |
|--|---|---------------|------------|-------------|------------|
| Cycle Test -1                                | April to May  | 40            | 5          | 40          | 80         |
| N/B Completion +<br>Sub. Enrichment Activity |   | 5             | 5<br>= 10  |             |            |
| <b>Mid Term (Half Yearly)</b>                | <b>April to Sep.</b>  | <b>80</b>     | <b>30</b>  |             |            |
| Cycle Test 2                                 | Oct. to Dec.  | 40            | 5          | 60          | 80         |
| N/B Completion +<br>Sub. Enrichment Activity |   | 5             | 5<br>= 10  |             |            |
| Final Exam                                   | Complete syllabus of Final<br>Term . 30% syllabus of<br>Term I. | 80            | 50         |             |            |

**5. Notebook Maintenance & Subject Enrichment Activities-(5%)**

a) The marks of notebook maintenance will be given **before Mid Term and Final Exams.**

b) Subject Enrichment Activities in all the subjects will comprise of various techniques like Reading/ Dictation/Debate/Public speaking etc. for language and Lab activity / Project/Map- Work Model Making / Field Trip Etc. it will be conducted **before Mid Term and Final Exams.**

c) The overall weightage of Subject Activity is **5%.**

**Grading Scale**

|           |                      |
|-----------|----------------------|
| <b>A1</b> | <b>91%-100%</b>      |
| <b>A2</b> | <b>81%-90%</b>       |
| <b>B1</b> | <b>71%-80%</b>       |
| <b>B2</b> | <b>61%-70%</b>       |
| <b>C1</b> | <b>51%-60%</b>       |
| <b>C2</b> | <b>41%-50%</b>       |
| <b>D</b>  | <b>33%-40%</b>       |
| <b>E1</b> | <b>21%-32%</b>       |
| <b>E2</b> | <b>20% And Below</b> |

**ENGLISH(2019-20)**  
**Lit. - Honey Dew; Grammar - My English Folder**

| Month                      | Chapter   | Key concept   | Activity  |
|----------------------------|---|---|---|
| <b>April<br/>(22 days)</b> | Unit-1<br>Ch- The Best Christmas Present in the world (Poem) The Ant and the Cricket<br>Section- B :<br>Notice writing<br>Message writing<br>Grammar<br>Unit1: Determiners<br>Unit2: Present time<br>Unit3: Past time<br>Unit4: Future time | The best way to resolve conflicts is games and sports. To make the learners understand that wars & fights are mere waste<br><br>To understand that hard work & planning is crucial to ensure a secure future<br><br>To enhance the writing skills & enable the students to communicate correctly.<br><br>To understand the usage of tenses and determiners. | Quiz on World War 1 and 2.<br><br>Individual reading by the students to feel the richness of the language<br><br>Practice worksheets in grammar books / notebooks will be done. |
| <b>May<br/>(19 days)</b>   | Unit-2<br>Ch- The Tsunami(Poem) Geography lesson<br>Section- B<br>Bio-Sketch<br>Grammar<br>Unit5: Modals<br>Unit20:Preposition<br>Unit21: Conjunctions1<br>Unit22: Conjunctions2  | Students will know about the natural disasters & how they lead to a loss of life and property.<br><br>To know how the Earth looks from different altitudes.<br><br>To understand the art of writing biosketches about personalities.<br><br>To understand the application of conjunctions and modals.   | Write the Do's and Don'ts during a natural calamity.<br><br>Compose a poem on the beauty of nature.   |

| Month                       | Chapter   | Key concept   | Activity  |
|-----------------------------|---|---|---|
| <b>July<br/>(25 days)</b>   | Unit-6 This is Jody's Fawn<br>(Poem) Macavity :The<br>mystery cat<br>Unit-4 Ch- Bepin Choudhary's<br>Lapse of memory<br>Section- B : Diary Entry<br>Article<br>Grammar<br>Unit 6: Conditionals1<br>Unit 7: Conditionals2<br>Unit8 : Conditionals3   | Description of a criminal cat named<br>Macavity.<br><br>To know about a story of<br>psychological relief.<br>To develop the skill of expressing<br>oneself.<br><br>To acquaint the students' with the<br>rules of Conditionals.   | Discuss similar actions of<br>any pet or bird of your choice,<br>as Macavity.<br><br>Write diary entry for any<br>three consecutive days in<br>your notebook.   |
| <b>August<br/>(23 days)</b> | Unit-4 (Poem) The last bargain<br><br>Unit-5 Ch- The Summit Within<br><br>(poem) The school boy<br><br>Section- B : Letter (formal)<br>Letter ( informal)<br>Grammar- Comprehension(A,B)<br>Unit 13: Active & Passive<br>Unit 14: Active & Passive<br>Unit15 : Active & Passive<br>Unit 31: Reading | To know about the urge of<br>a common man<br><br>To understand the physical, emotional<br>& spiritual effects of adventure.<br><br>Role of school where children &<br>teachers assemble to learn from<br>one another.<br>To learn learning different formal<br>and informal letter<br><br>To understand the interchange of<br>active to passive voice and vice-versa. | Students will write at least five<br>of their wishes.<br>Students' will share their<br>adventurous experience in class.<br><br>Take suggestions from students of<br>how to make school an interesting<br>& enjoyable place.<br><br>Try interchanging a paragraph of<br>your favourite chapter from Active<br>voice to Passive voice and vice-versa. |

| Month                 | Chapter  | Key concept   | Activity   |
|-----------------------|--|---|--|
| September             | Revision and Mid Term Exam   |   |  |
| October<br>(18 Days)  | Unit-6 Ch- This is Jody's fawn<br>Poem- The Duck and the Kangaroo<br>Poem - When I set out for Lyonesse<br>Section- B : Poster making<br>Speech writing<br>Grammar- Unit 9: Infinitives:To<br>Unit 10 : Infinitives :Bare<br>Unit11 : Participle<br>Unit12 : Gerunds | To understand child's emotional attachment to a fawn.<br>To know about imagination, curiosity and sense of the music.<br>To know about the journey to an imaginary land called 'Lyonesse'.<br>To magnify the creative skills through imagery descriptions and impressive writings.<br><br>To confer sufficient power upon grammar | Students' will discuss about any act related to sharing and caring<br><br>Make a poster on any social issue of your choice.  |
| November<br>(22 Days) | Unit -7<br>Ch- A visit to Cambridge<br>Unit- 8<br>Ch- A Short Monsoon Diary<br>Poem- On the Grass<br>-hopper & Cricket<br>Section B - Debate<br>- Story Writing<br>Grammar - Unit 16 Adjective<br>Unit 17 Adjective,<br>Unit 18 Adverb<br>Unit 19 Adverb,            | To understand the feelings of differently abled people with regards to Stephen Hawkings.<br><br>To realize the beauty of the monsoon season.<br><br>To develop descriptive writing skills.<br><br>To assimilate the grammar concepts for further usage in the language.   | Make a short story in about 100-150 words on any theme of your choice.<br><br>Read newspaper to find the different adjectives and adverbs and jot them down in the notebook. |

| Month                         | Chapter  | Key concept  | Activity  |
|-------------------------------|--|--|---|
|                               | Unit 29 Direct & Indirect-I<br>Unit 30 Direct & Indirect-II  | To understand the interchange of Direct to Indirect Speech and vice-versa.   | Watch or read a play to change at least 10 Direct Speech (dialogues) to Indirect Speech.  |
| <b>December<br/>(23 Days)</b> | Unit-9<br>Ch- The Great Stone Face-I<br>Section- B<br>Report writing<br>Grammar : Unit23: Phrases<br>Unit24: Clauses : Main<br>Unit25: Clauses<br>Unit26: Relative clause                      | To know about a prophecy related to a natural formation.<br><br>To learn how to make reports. and usage passive voice<br>To enhance the grammar skills by identifying different clauses. | To discuss about different prophecies.<br><br>Write atleast ten sentences from any of your favourite chapter and find out the different phrases and clauses and write them down in your notebook. |
| <b>January<br/>(21 Days)</b>  | Unit-10<br>ch- The Great Stone Face-II<br>Section- B<br>E- Mail writing<br>Grammar : Unit27: sentence Transformation I<br>Unit28: Sentence Transformation II<br>Unit31: Comprehension(C, D, E) | To get acquaint with qualities of noble person.<br>To learn a way to communicate through the social media.<br>To learn the different types of sentences and their transformations.       | Discuss the different qualities in every individual.<br><br>Create an Email ID to understand the workings of Email.   |
| <b>February</b>               | <b>Revision for Final Exam</b>   |  |   |
| <b>March</b>                  | <b>Final Exam</b>  |  |   |

| <b>Blue Print Cycle Test I (22.04.2019)</b> |  |                                  |       |
|---|--|----------------------------------|-------|
| Sec   | Detail   | No. of Questions<br>x Marks      | Marks |
| Sec A                                       | A-1 Unseen Passage<br>A-2 Unseen Poem  | 1 x 5<br>1 x 5                   | 10    |
| Sec B                                       | B-1 Notice<br>B-3 Message<br>B-4 Grammar<br>(Present Time, Past Time,<br>Future Time, Conjunctions I<br>& II, Modals, Determiners) | 1 x 4<br>1 x 3<br>1 x 8          | 15    |
| Sec C                                       | C-1 Seen Passage<br>C-2 Short Q / Ans<br>C-3 Long Q / Ans<br>C-4 Back Exercise   | 1 x 4<br>2 x 3<br>1 x 3<br>1 x 2 | 15    |
|   |  | Total                            | 40    |

| <b>Weightage of Cycle Test I (22.04.2019)</b> |  |       |    |
|---|--|-------|----|
| Sec   | Detail   | Marks |    |
| Sec A   | Reading skills   | 10    |    |
| Sec B   | Writing Skills & Grammar   | 15    |    |
| Sec C   | Literature<br>Unit I<br>Ch - The best Christmas<br>present in the world (8)<br>Poem - The Ant & the<br>Cricket (7) | 15    |    |
|   |  | Total | 40 |

## Blue Print & Syllabus- MID-TERM (18.09.2019)

| Section | Detail  | Marks | Total |
|---------|---|-------|-------|
| Sec A   | A-1 Unseen Passage  | 05    | 10    |
|         | A-2 Extract from Poem (Unseen)  | 05    |       |
| Sec B   | B-1 Notice / Message  | 05    | 35    |
|         | B-2 Biographical Sketch   | 05    |       |
|         | B-3 Diary Entry / Article   | 05    |       |
|         | B-4 Letter Writing (Formal / Informal)  | 05    |       |
|         | B-5 Grammar   |       |       |
|         | (April to Aug Syllabus : Ch 1, 2, 3, 4, 5, 6, 7, 8, 13, 14, 15, 20, 21, 22, 31(Partial Q- A & B)) | 15    |       |
| Sec C   | C-1 Seen Passage  | 05    | 35    |
|         | C-2 Extract from Poem(Seen)   | 05    |       |
|         | C-3 Word meaning + Sentences  | 03    |       |
|         | C-4 Short Q./Ans  | 5 x 2 |       |
|         | C-5 Long Q./Ans (Value based)   | 3 x 3 |       |
|         | Phonics   | 3     |       |
|         | Ch - The Best Christmas Present in the world  |       |       |
|         | Poem - The ant & the cricket  |       |       |
|         | Ch - The Tsunami  |       |       |
|         | Poem - Geography lesson   |       |       |
|         | Ch - Glimpse of the Past  |       |       |
|         | Poem - Macavity : The mystery cat   |       |       |
|         | Ch - Bepin Choudhary's lapse of memory  |       |       |
|         | Poem- The School Boy  |       |       |
|         | Poem - The Last Bargain   |       |       |
|         | Total   | 80    |       |

| Blue Print Cycle Test II (18.11.2019) |   |                             |       |
|---------------------------------------|---|-----------------------------|-------|
| Sec                                   | Detail  | No. of Questions<br>x Marks | Marks |
| Sec A                                 | A-1 Unseen Passage  | 1 x 3                       | 05    |
|                                       | A-2 Unseen Poem   | 1 x 2                       |       |
| Sec B                                 | B-1 Poster Making   | 1 x 3                       | 15    |
|                                       | B-2 Speech / Debate   | 1 x 3                       |       |
|                                       | B-3 Story Writing   | 1 x 3                       |       |
|                                       | B-4 Grammar<br>(Infinitives, Participle,<br>Gerunds, Adjective, Adverb,<br>Direct & Indirect) | 1 x 6                       |       |
| Sec C                                 | C-1 Seen Passage  | 1 x 4                       | 20    |
|                                       | C-2 Short Q / Ans   | 4 x 2                       |       |
|                                       | C-3 Long Q / Ans  | 1 x 3                       |       |
|                                       | C-4 Word meaning  | 3 x 1                       |       |
|                                       | C-5 Back Exercise   | 1 x 2                       |       |
|                                       |   | Total                       | 40    |

| Weightage of Cycle Test II (18.11.2019) |  |       |
|---|--|-------|
| Sec                                     | Detail   | Marks |
| Sec A                                   | Reading skills                                 | 05    |
| Sec B                                   | Writing Skills & Grammar                       | 15    |
| Sec C                                   | Literature                                     |       |
|   | Ch-The Summit Within (2)                       |       |
|   | Ch - This is Jody's Fawn (4)                   |       |
|   | Poem - The Duck & the<br>Kangaroo (4)          |       |
|   | Ch - A Visit to Cambridge (3)                  |       |
|   | Poem - When I set out for<br>Lyonnesse (4)     |       |
|   | Poem - On the Grasshopper<br>& the Cricket (3) |       |
|   |  | 20    |
|   | Total  | 40    |

### Blue Print & Syllabus - Final Exams (20.02.20)

| Section                        | Detail   | Marks | Total |
|--------------------------------|--|-------|-------|
| Sec A                          | A-1 Unseen Passage                             | 05    | 10    |
|                                | A-2 Extract from Poem (Unseen)                 | 05    |       |
| Sec B                          | B-1 Notice / Biographical Sketch               | 05    | 35    |
|                                | B-2 Article / Speech                           | 05    |       |
|                                | B-3 Report / Story Writing                     | 05    |       |
|                                | B-4 Letter / E-mail writing                    | 05    |       |
|                                | B-5 Grammar ( Do As Directed) (Full Syllabus ) | 15    |       |
| Sec C                          | C-1 Seen Passage                               | 04    | 35    |
|                                | C-2 Extract from Poem(Seen)                    | 04    |       |
|                                | C-3 Meaning + Sentence                         | 06    |       |
|                                | C-4 Short Q./Ans                               | 5 x 2 |       |
|                                | C-5 Long Q./Ans (Value based)                  | 3 x 3 |       |
|                                | Phonics  | 02    |       |
|                                | Ch - The Tsunami                               |       |       |
|                                | Poem - Geography lesson                        |       |       |
|                                | Ch - Bepin Choudhary's lapse of memory         |       |       |
|                                | Poem - The Last Bargain                        |       |       |
|                                | Ch - This is Jody's Fawn                       |       |       |
|                                | Poem - The duck & the kangaroo                 |       |       |
|                                | Ch - A Visit to Cambridge                      |       |       |
|                                | Poem - When I set out for Lyonesse             |       |       |
|                                | Ch - A short monsoon diary                     |       |       |
|                                | Poem - On the grasshopper & the cricket        |       |       |
|                                | Ch - The Great Stone Face - I                  |       |       |
| Ch - The Great Stone Face - II |  |       |       |
|                                | Total  | 80    |       |

## SOCIAL SCIENCE (2019-20)

| MONTH                      | CHAPTER  | KEY CONCEPT  | MAP WORK  | ACTIVITY   |
|----------------------------|--|--|-----------|--|
| <b>April<br/>(22 Days)</b> | Civics Ch 1<br>Indian<br>Constitution                      | Definition and why Democratic countries need a constitution, Key features of Indian Constitution   |           | Children will write the Preamble of the constitution on an a4 size sheet and paste it in the notebook                              |
|                            | Geo:- Ch. 1<br>Introduction to resources                   | Types of Resources, Classification of resources, Sustainable development of resources  |           | Children will make a list of Natural and Human made resources  |
|                            | History:- Ch. 1<br>How When and Where                      | Periodisation of Indian History, Dates in History, Sources of Modern History   |           | Children will collect information about the National Archives of India   |
| <b>May<br/>(19 Days)</b>   | Civics Ch 2<br>Understanding Secularism                    | What is secularism, Objectives of a secular state, Why is it necessary to separate religion from state                                   |           | Design a poster on Secularism  |
|                            | History Ch. 2 From Trade to Territory<br>Company Est Power | Advent of European Companies, British Conquest of Bengal, Growth of British Influence, Rapid British Expansion, Changes in Adm and army. | Pg 77, 79 | The class will be divided into 2 groups. One group will discuss the Pros and the other cons of the impact of British rule in India |
| <b>July<br/>(25 Days)</b>  | Civics Ch 3 Why do we need a Parliament                    | To Know about Role of parliament, Women's Role in Parliament   |           | Role Play on Parliament House  |

| MONTH                        | CHAPTER   | KEY CONCEPT  | MAP WORK                | ACTIVITY                                   |
|------------------------------|---|--|-------------------------|--|
|                              | Civics Ch 4<br>Understanding laws                                     | To Know about different types of laws, unpopular and controversial laws      |                         | Web Chart on different types of Law        |
|                              | Geo Ch 2 land, soil, Water, Natural Vegetation and Wildlife Resources | To Know about Land and its uses, Natural vegetation                          | Pg - 88, 90, 92, 94     | Group discussion on different uses of land |
|                              | History Ch. 3 Ruling the country Side                                 | To Know about the company, & different methods of collecting revenue         | Pg - 80, 82, 84, 86     |  |
| <b>August<br/>(23 Days)</b>  | Civics Ch 5<br>Judiciary  | To Know about role of judiciary, structure of court in India                 |                         | Flow Chart on Judiciary                    |
|                              | Geo Ch 3 Mineral & power resources                                    | Distribution of minerals, different types of power resources                 | Pg - 98, 100            | Make a report on Power Resources           |
|                              | History Ch. 5 -<br>When people rebel 1857 & after                     | 1857 Rebellion and people reaction, mutiny becomes a popular rebellion       | Pg - 106, 108, 110, 112 |  |
| <b>September</b>             |   | <b>Revision and Mid Term Exam</b>  |                         |  |
| <b>October<br/>(18 Days)</b> | Civics Ch 6<br>Understanding our criminal Justice System              | To know about Justice System and the role of police in investigating a crime |                         | Web chart on Justice System                |

| MONTH                         | CHAPTER  | KEY CONCEPT  | Map Work | ACTIVITY   |
|-------------------------------|--|--|----------|--|
|                               | Geography<br>Ch.4 Agriculture  | To know about types of farming,<br>and agriculture development                                 | Pg - 114 | Draw a diagram of different<br>types of crops                    |
|                               | History:- Ch. 6<br>Colonialism & the<br>city (The story of an<br>Imperial capital) | To know about cities under colonial rule,<br>the making of New Delhi                           | Pg - 116 | Paste the pictures of<br>Rashtrapati Bhawan and<br>Chandni Chowk |
|                               | History:- Ch. 7<br>Weavers, Iron<br>Smelters and<br>Factory owners                 | To know about Indian textile and world<br>market, iron and steel factories come<br>up in India | Pg - 118 |  |
| <b>November<br/>(22 Days)</b> | Civics Ch-7<br>Understanding<br>marginalisation                                    | To know about Adivasis and there<br>development  | Pg - 120 | Group discussion on life of<br>Adivasis & there development      |
|                               | Geography :<br>Ch 5 Industries   | To know about classification of industries<br>& distribution of major industries               |          | Make a collage of<br>different types of industries               |
|                               | History Ch. 8<br>Civilising the “Native”<br>educating the nation                   | How British saw education and Tagore’s<br>“Abode of Peace”                                     | Pg - 122 | Write a poem of Rabindra<br>Nath Tagore                          |
|                               | History Ch. 9<br>Women caste and<br>reform   | To know about women conditions,<br>and working towards change                                  |          | Paste pictures of women<br>reformers                             |
| <b>December<br/>(23 Days)</b> | Civics Ch 8<br>Confronting<br>marginalisation                                      | To Know about protection the rights of<br>Dalits and Adivasis                                  | Pg - 124 | Make a collage showing manual<br>scavenging                      |

| MONTH                        | CHAPTER  | KEY CONCEPT   | Map Work | ACTIVITY   |
|------------------------------|--|---|----------|--|
|                              | Geo Ch 6 Human Resources                                     | To Know about distribution of population, pattern of population change        | Pg - 126 |  |
|                              | History Ch. 10 The changing world of visual art              | To Know about arts, history of Paintings                                      |          |  |
|                              | History Ch. 11 The making of national movement (1870s -1947) | To Know about Emergence of nationalism, towards independence and partition    |          | Make a Web chart of Mahatma Gandhi's Activities  |
| <b>Januray<br/>(21 Days)</b> | Civics Ch 9 Public Facility                                  | To Know about Public facilities   | Pg - 128 | Webchart on different types of public facilities |
|                              | Civics Ch 10 Law and Social Justice                          | To Know about enforcement of safety laws, new laws to protect the enviornment |          |  |
|                              | History Ch. 12 India after Independence                      | To Know about new and divided nation, how were states to be formed            |          | Paste pictures related to Constitution           |
| <b>February</b>              |  | <b>Revision for Final exam</b>  |          |  |
| <b>March</b>                 |  | <b>Final exam</b>   |          |  |

| <b>Blue Print Cycle Test I (29.04.2019)</b> |                                 |              |
|---|---------------------------------|--------------|
| <b>Question Patterns</b>                    | <b>No. of Questions x Marks</b> | <b>Marks</b> |
| MCQ / VSQ                                   | 6 x 1                           | 06           |
| Short Q / Ans                               | 6 x 3                           | 18           |
| Long Q/Ans                                  | 4 x 4                           | 16           |
|   | <b>Total</b>                    | <b>40</b>    |

| <b>Blue Print - Mid Term &amp; Final Term</b> |              |                         |              |
|---|--------------|-------------------------|--------------|
| <b>Question Patterns</b>                      | <b>Marks</b> | <b>No. of Questions</b> | <b>Total</b> |
| Very Short Q / Ans                            | 01           | 07                      | 07           |
| Short Q / Ans                                 | 03           | 11                      | 33           |
| Long Q/Ans                                    | 05           | 07                      | 35           |
| Map Q   | 05           | 01                      | 05           |
|   |              | <b>Total</b>            | <b>80</b>    |

| <b>Weightage of Cycle Test I (29.04.2019)</b> |                             |              |
|---|-----------------------------|--------------|
| <b>Chapters</b>                               | <b>Name of the Chapters</b> | <b>Marks</b> |
| H : Ch -1                                     | How when and where          | 10           |
| G : Ch -1                                     | Resources                   | 15           |
| C : Ch -1                                     | The Indian Constitution     | 15           |
|   | <b>Total</b>                | <b>40</b>    |

| <b>Weightage of Mid Term (23.09.2019)</b> |                                       |              |
|---|---------------------------------------|--------------|
| <b>Chapters</b>                           | <b>Name of the Chapters</b>           | <b>Marks</b> |
| H : Ch -1                                 | How when & where                      | 05           |
| H : Ch -2                                 | From trade to Territory               | 05           |
| H : Ch -3                                 | Ruling the country side               | 10           |
| H : Ch -5                                 | When people rebel                     | 10           |
| G : Ch -1                                 | Resources                             | 05           |
| G : Ch -2                                 | Land,Soil,water,natural vegetation... | 10           |
| G : Ch -3                                 | Mineral & power resources             | 10           |
| C : Ch -1                                 | The Indian constitution               | 05           |
| C : Ch -2                                 | Understanding Secularism              | 05           |
| C : Ch -4                                 | Understanding laws                    | 05           |
| C : Ch -5                                 | Judiciary                             | 05           |
| Map                                       | Pg. 77, 82, 88, 93, 97                | 05           |
|   | <b>Total</b>                          | <b>80</b>    |

| <b>Blue Print Cycle Test-II (16.12.2019)</b> |                                 |              |
|--|---------------------------------|--------------|
| <b>Question Patterns</b>                     | <b>No. of Questions x Marks</b> | <b>Marks</b> |
| MCQ / VSQ                                    | 6 x 1                           | 06           |
| Short Q / Ans                                | 6 x 3                           | 18           |
| Long Q/Ans                                   | 4 x 4                           | 16           |
| Total  |                                 | 40           |

| <b>Weightage of Cycle Test-II (16.12.2019)</b> |                                       |              |
|--|---------------------------------------|--------------|
| <b>Chapters</b>                                | <b>Name of the Chapters</b>           | <b>Marks</b> |
| H : Ch -6                                      | Colonialism & the city                | 04           |
| H : Ch -7                                      | Weavers, iron smelters & Factory..    | 04           |
| H : Ch -8                                      | Civilising the “native”, Educating... | 04           |
| H : Ch -9                                      | Women caste and reform                | 04           |
| G : Ch -4                                      | Agriculture                           | 06           |
| G : Ch -5                                      | Industries                            | 06           |
| C : Ch -6                                      | Understanding criminal justice sys..  | 06           |
| C : Ch -7                                      | Understanding marginalisation         | 06           |
| Total  |                                       | 40           |

| <b>Weightage of Final Exam (---.03.2019)</b> |  |              |
|--|--|--------------|
| <b>Chapters</b>                              | <b>Name of the Chapters</b>            | <b>Marks</b> |
| H : Ch -5                                    | When people rebel                      | 05           |
| H : Ch -6                                    | Colonialism & the city                 | 05           |
| H : Ch -8                                    | Civilising the ‘Native’ educating..... | 05           |
| H : Ch -9                                    | Women caste and reform                 | 05           |
| H : Ch -11                                   | The making of national movement        | 05           |
| H : Ch -12                                   | India after Independence               | 05           |
| G : Ch -2                                    | Land,Soil,water,natural vegetation...  | 05           |
| G : Ch -3                                    | Mineral & power resources              | 05           |
| G : Ch -4                                    | Agriculture                            | 05           |
| G : Ch -5                                    | Industries                             | 05           |
| G : Ch -6                                    | Human Resources                        | 05           |
| C : Ch -6                                    | Understanding criminal justice sys...  | 05           |
| C : Ch -8                                    | Confornting marginalisation            | 05           |
| C : Ch -9                                    | Public Facility                        | 05           |
| C : Ch -10                                   | Law and social justice                 | 05           |
| Map  | Pg. 102, 114, 122, 124, 128            | 05           |
| Total  |  | 80           |

## MATHS (2019-20)

| Month                      | Chapter   | Key concept   | Activity   |
|----------------------------|---|---|--|
| <b>April<br/>(22 days)</b> | Chapter- 1<br>Rational Numbers<br>(Ex- 1.1 to 1.2)                | Properties of rational numbers, Representation of rational numbers on the number line, Finding rational numbers between two rational numbers  | Representation rational numbers on the number line   |
|                            | Chapter-3<br>Understanding<br>Quadrilaterals<br>(Ex- 3.1 to 3.4)  | Polygons and classification of polygons<br>Diagonals of a polygon, Convex and concave polygons, Regular & irregular polygons, Angle-sum property of a quadrilateral, Kinds of quadrilateral, their angles and diagonals | To verify paper cutting and pasting, that the sum of the exterior angle drawn in order of any polygon is 360 degree. |
| <b>May<br/>(19 days)</b>   | Chapter-2<br>Linear Equations in One Variable<br>(Ex- 2.1 to 2.6) | Solving equations having linear expressions on one side & numbers on the other side. Solving equations having variable on both sides, Reducing equations to the simpler form Application of linear equations            | To understand multiplication of binomial with a binomial $(x+5)(x+3)$  |
| <b>July<br/>(25 Days)</b>  | Ch- 6 Squares and Square Roots<br>(Ex-6.1 to 6.4 )                | Properties of square numbers, some more interesting facts, finding the square of a number, Pythagorean triplets, square root through prime factorisation, square root of decimals                                       | Make a table of square numbers from 1 to 20.   |

| Month                        | Chapter   | Key concept   | Activity   |
|------------------------------|---|---|--|
|                              | Ch- 7 Cubes and Cube Roots<br>(Ex-7.1 to 7.2 )              | Find the cube of a number, some interesting patterns, cube root through prime factorisation, cube root of a cube number.  | Make a table of cube numbers from 1 to 20.   |
| <b>August<br/>(23 days)</b>  | Ch-5 Data Handling<br>(Ex-5.1 to 5.3 )                      | Organizing data, bargraph, histogram, circle graph or pie chart, chance and probability   | Draw a pie chart of time spent by a child during a day.  |
|                              | Ch-9 Algebraic Expressions & Identities<br>(Ex-9.1 to 9.5 ) | Terms, factors and coefficients, monomial, binomial & polynomial, like & unlike terms, addition, subtraction and multiplication of algebraic expression, standard identities. | To verify $(a+b)^2 = a^2 + b^2 + 2ab$ by paper cutting and pasting.  |
| <b>September</b>             |   | <b>Revision and Mid Term Exam</b>   |  |
| <b>October<br/>(18 days)</b> | Ch-10 Visualising Solid Shapes<br>(Ex-10.1 to 10.3 )        | View of 3D shapes, Faces, edges and vertices.   | To count the number of edges and corners of a rectangular sheet of paper, a die ruler and a shoe box in a tabular form |
|                              | Ch-11 Mensuration<br>(Ex- 11.1 to 11.4)                     | Area of trapezium, special quadrilaterals & polygon, surface area & volume of cube, cuboid and cylinder   | Make a cut of trapezium on a graph paper and find its area   |
|                              | Ch- 12 Exponents & Powers<br>(Ex- 12.1 to 12.2)             | Powers with negative exponents, Laws of exponents, standard form.   | Write three units of memory in computer in exponential form  |

| Month                         | Chapter   | Key concept  | Activity  |
|-------------------------------|---|--|---|
| <b>November<br/>(22 days)</b> | Ch- 13 Direct and Inverse Proportions (Ex-13.1 to 13.2) | Direct and inverse proportions   | On a squared paper, draw 2 squares of different sides & also find their perimeter & area. Find whether the length of a side is in direct proportion to<br>a) the perimeter of a square<br>b) the area of a square |
|                               | Ch- 4 Practical Geometry (Ex-4.1 to 4.5)                | Construction of quadrilaterals, some special cases (Rhombus, Square, rectangle, Parallelogram)                       | Find the difference between Square & Rhombus  |
|                               | Ch- 8 Comparing Quantities (Ex-8.1 to 8.3)              | Ratios and percentage, finding discounts, compound interest annually & half yearly, application of compound interest | To find out the prices of different items after Discount and Tax  |
| <b>December<br/>(23 Days)</b> | Ch- 16 Playing with Numbers (Ex-16.1 to 16.2 )          | Numbers in general form, letters for digits.   | Make a table of divisibility test   |
|                               | Ch- 14 Factorisation (Ex- 14.1 to 14.4 )                | Factors of algebraic expressions, Factorisation using Identities, Division of algebraic expressions, find the error  | Use algebra tiles (square & rectangular strips) to represent polynomials & explore polynomials additions using these tiles  |

| Month                        | Chapter   | Key concept   | Activity                                 |
|------------------------------|---|---|--|
| <b>January<br/>(21 days)</b> | Ch- 15 Introduction to Graphs<br>( Ex- 15.1 to 15.3 ) | Types of graphs, Bar graph, Pie graph(circle graph) line graph, linear graph,coordinates, some applications | Draw a histogram of height of 20 people. |
| <b>February</b>              |   | <b>Revision of Final Exams</b>  |  |
| <b>March</b>                 |   | <b>Final Exams</b>  |  |

| <b>Blue Print Cycle Test I (13.05.2019)</b> |                          |       |
|---|--------------------------|-------|
| Question Patterns                           | No. of Questions x Marks | Marks |
| MCQ / VSQ                                   | 4 x 1                    | 04    |
| Short Q / Ans Type I                        | 4 x 2                    | 08    |
| Short Q / Ans Type II                       | 4 x 3                    | 12    |
| Long Q/Ans                                  | 4 x 4                    | 16    |
|   | Total                    | 40    |

| <b>Weightage of Cycle Test I (13.05.2019)</b> |                              |       |
|---|------------------------------|-------|
| Chapters                                      | Name of the Chapters         | Marks |
| Ch -1   | Rational Numbers             | 20    |
| Ch- 3   | Understanding Quadrilaterals | 20    |
|   | Total                        | 40    |

| <b>Blue Print MID TERM (13.09.2019)</b> |                                 |              |
|---|---------------------------------|--------------|
| <b>Question Patterns</b>                | <b>No. of Questions x Marks</b> | <b>Marks</b> |
| MCQ / VSQ                               | 4 x 1                           | 4            |
| Short Q / Ans Type I                    | 10 x 2                          | 20           |
| Short Q / Ans Type II                   | 8 x 3                           | 24           |
| Long Q/Ans                              | 8 x 4                           | 32           |
|   | <b>Total</b>                    | <b>80</b>    |

| <b>Blue Print Cycle Test II (23.12.2019)</b> |                                 |              |
|--|---------------------------------|--------------|
| <b>Question Patterns</b>                     | <b>No. of Questions x Marks</b> | <b>Marks</b> |
| MCQ / VSQ                                    | 4 x 1                           | 04           |
| Short Q / Ans Type I                         | 4 x 2                           | 08           |
| Short Q / Ans Type II                        | 4 x 3                           | 12           |
| Long Q/Ans                                   | 4 x 4                           | 16           |
|  | <b>Total</b>                    | <b>40</b>    |

| <b>Weightage of MID TERM (13.09.2019)</b> |                                    |              |
|---|------------------------------------|--------------|
| <b>Chapters</b>                           | <b>Name of the Chapters</b>        | <b>Marks</b> |
| Ch -1                                     | Rational Numbers                   | 10           |
| Ch -2                                     | Linear Equations in One Variable   | 12           |
| Ch -3                                     | Understanding Quadrilaterals       | 12           |
| Ch -5                                     | Data Handling                      | 12           |
| Ch -6                                     | Squares and Square Roots           | 12           |
| Ch -7                                     | Cubes and Cube Roots               | 10           |
| Ch -9                                     | Algebraic Expressions & Identities | 12           |
|   | <b>Total</b>                       | <b>80</b>    |

| <b>Weightage of Cycle Test II (23.12.2019)</b> |                               |              |
|--|-------------------------------|--------------|
| <b>Chapters</b>                                | <b>Name of the Chapters</b>   | <b>Marks</b> |
| Ch -10   | Visualising Solid shapes      | 10           |
| Ch- 11   | Mensuration                   | 15           |
| Ch- 13   | Direct and Inverse Proportion | 15           |
| Total  |                               | 40           |

| <b>Blue Print Final Exams (---.03.2020)</b> |                                 |              |
|---|---------------------------------|--------------|
| <b>Question Patterns</b>                    | <b>No. of Questions x Marks</b> | <b>Marks</b> |
| MCQ / VSQ                                   | 4 x 1                           | 4            |
| Short Q / Ans Type I                        | 10 x 2                          | 20           |
| Short Q / Ans Type II                       | 8 x 3                           | 24           |
| Long Q/Ans                                  | 8 x 4                           | 32           |
| Total                                       |                                 | 80           |

| <b>Weightage of Final Exams (----.03.2020)</b> |                                      |              |
|--|--------------------------------------|--------------|
| <b>Chapters</b>                                | <b>Name of the Chapters</b>          | <b>Marks</b> |
| Ch -4  | Practical Geometry                   | 06           |
| Ch -5  | Data Handling                        | 05           |
| Ch -6  | Squares and Square Roots             | 05           |
| Ch -8  | Comparing Quantities                 | 10           |
| Ch -9  | Algebraic Expressions and Identities | 05           |
| Ch -10   | Visualising Solid shapes             | 05           |
| Ch -11   | Mensuration                          | 06           |
| Ch -12   | Exponents and Powers                 | 10           |
| Ch -13   | Direct & Inverse Proportions         | 06           |
| Ch -14   | Factorisation                        | 10           |
| Ch -15   | Introduction to Graphs               | 07           |
| Ch -16   | Playing with Numbers                 | 05           |
| Total  |                                      | 80           |

## SCIENCE (2019-20)

| MONTH                       | CHAPTER                                | KEY CONCEPT   | DIAGRAM/<br>Web Chart   | ACTIVITY  |
|-----------------------------|--|---|---|---|
| <b>April<br/>(22 Days)</b>  | Ch-1 Crop production and management    | Crop production: Soil preparation, selection of seeds, sowing, applying fertilizers, irrigation, weeding, harvesting, storage | Types of Crops  | Activity 1.1 :-Selection of healthy seeds                                 |
|                             | Ch-2 Micro-organism                    | Micro-organisms-useful and harmful<br>Food Preservation   | Nitrogen cycle(Dia.)<br>Types of Microorganism  | - Effect of yeast on dough<br>- Fermentation of sugar by yeast            |
|                             | Ch-3 Synthetic fibres and Plastics     | Synthetic clothing materials, especially plastics; usefulness of plastics and problems associate with their excessive use.    | Types of Plastics(WC)   | Paste different types of fibres in scrap book                             |
| <b>May<br/>(19 Days)</b>    | Ch-4 Materials : Metals and Non-metals | Occurrence of Metals and Non-Metals, Properties of Metals and Non Metals, Uses of Metals and Non metals, Corrosion of Metals  | Reactivity Series   | - Displacement reactions<br>- Recation of metals with oxygen              |
| <b>July<br/>(25 Days)</b>   | Ch-5 Coal and Petroleum                | Natural resources, fossil fuels, formation of coal and petroleum, coal products, petroleum refining                           | - Types of resources(WC)<br>- Types of coal(WC)<br>- Product obtained by destructive distillation of coal(WC) |   |
|                             | Ch-6 Combustion and flame              | Combustion, conditions necessary for combustion flame, characteristics of good fuel, environmental impact of burning fuel     | zones of candle flame, WC Types of combustion(Dia)  | Act.- To show that air is necessary for combustion to take place(Act.6.4) |
| <b>August<br/>(23 Days)</b> | Ch-7 Conservation of Bio-diversity     | Biodiversity, Forest Conservation, Wild Life Conservation The Red Data Book   | Endemic, Extinct, Endangered Species(WC)  | Try to identify the flora and fauna in your region                        |

| MONTH                         | CHAPTER   | KEY CONCEPT   | DIAGRAM/<br>Web Chart  | ACTIVITY   |
|-------------------------------|---|---|--|--|
|                               | Ch-8 The Cell                                   | Discovery of Cell, Variation in number of Cells in Organisms, Cell Structure, Plant & Animal Cell   | Plant cell and animal cell(Dia),<br>Shape of the cell  | - To study a plant cell<br>- To study an animal cell   |
|                               | Ch-9<br>Reproduction                            | Modes of Reproduction, Sexual Reproduction<br>Asexual Reproduction, Fertilization   | - Male and female reproductive<br>organs in Hydra(Dia)<br>- Budding and binary fission in<br>Amoeba(Dia)<br>- Life cycle of a frog         | - Flash card on Reproduction   |
| <b>September</b>              |   | <b>Revision and Mid Term Exam</b>   |  |  |
| <b>October<br/>(18 Days)</b>  | Ch-10<br>Reaching the age<br>of adolescence     | Adolescence, puberty secondary sexual<br>characteristics, endocrine glands and<br>hormones  | Endocrine glands In<br>human (dia)<br>Sex determination in<br>human body   | - Collect Newspaper cuttings and<br>information in magazines about<br>HIV/AIDS.<br>- To show that liquids exert<br>pressure on the walls of<br>container |
|                               | Ch-11<br>Force and<br>pressure                  | Effects of force, types of force, pressure,<br>pressure in liquids and gases, atmospheric<br>pressure   | - Types of forces(WC)<br>- Effects of forces(WC)   | - To show that air exerts<br>pressure in all directions  |
| <b>November<br/>(22 Days)</b> | Ch-12 Friction                                  | Force of friction, factors affecting friction,<br>increasing and reducing friction  | Types of Friction(WC)  | To show that rolling friction is<br>less than sliding friction   |
|                               | Ch-13 Sound                                     | Sound is produced by vibrating body, sound<br>produced by humans, sound needs a<br>medium for propagation, Amplitude, time<br>period, frequency, audible and inaudible<br>sounds. | Causes and effects of noise pollution (WC)<br>Properties of sound(WC)<br>Characteristics of Sound(WC)<br>Human Era(Dia)<br>Voice box (Dia) | To show that sound needs a<br>medium for propagation   |
| <b>December<br/>(23 Days)</b> | Ch-14 Chemical<br>effect of electric<br>current | Conduction in liquids, chemical<br>effects of current, electroplating   | Conductor and<br>Insulator(WC) Uses of<br>electrolysis(WC)   | To show electroplating   |

| MONTH   | CHAPTER                          | KEY CONCEPT   | DIAGRAM/<br>Web Chart  | ACTIVITY  |
|---|----------------------------------|---|--|---|
| <b>cont.</b><br><b>December</b><br><b>(23 Days)</b> | Ch-15 Some natural phenomena     | Lightning, charging by rubbing, transfer of charge, lightning safety, Earthquake                                    | Effects of earthquake(WC)<br>Simple Electroscope(WC)<br>Structure of an Earth(Dia)<br>Lightning conductor(Dia) | To show that like charges repel and unlike charges attract each other |
|   | Ch-16 Light                      | What makes things visible?, Laws of reflection, Types of reflection, Multiple images, Eye-structure, Braille system | Human Eye(Dia)<br>Regular and irregular reflection (Dia)   | Making a model of Kalidoscope   |
| <b>January</b><br><b>(21 Days)</b>                  | Ch-17 Stars and solar system     | Celestial objects, constellations, planets, other members of solar system, artificial satellites.                   | - Phases of the moon<br>- The Solar System<br>- Types of Constillation   | Making model of a Solar System  |
|   | Ch-18 Pollution of Air and water | Air Pollution, case study of the Taj Mahal, Green house effect, Water Pollution                                     | Causes of air and water pollution<br>Effects of air and water Pollution  | Prepare a brief report on Global warming                              |
| <b>February</b>                                     |                                  | <b>Revision for Final Exam</b>  |  |   |
| <b>March</b>  |                                  | <b>Final Exam</b>   |  |   |

| <b>Blue Print Cycle Test I (09.05.2019)</b> |                                 |              |
|---|---------------------------------|--------------|
| <b>Question Patterns</b>                    | <b>No. of Questions x Marks</b> | <b>Marks</b> |
| Very Short Q / Ans                          | 4 x 1                           | 04           |
| Short Q / Ans Type I                        | 4 x 2                           | 08           |
| Short Q / Ans Type II                       | 4 x 3                           | 12           |
| Long Q/Ans                                  | 4 x 4                           | 16           |
|   | <b>Total</b>                    | <b>40</b>    |

| <b>Weightage of Cycle Test I (09.05.2019)</b> |                              |              |
|---|------------------------------|--------------|
| <b>Chapters</b>                               | <b>Name of the Chapters</b>  | <b>Marks</b> |
| Ch -1   | Crop production & management | 20           |
| Ch -2   | Micro - organisms            | 20           |
|   | <b>Total</b>                 | <b>40</b>    |

| <b>Blue Print - MID TERM Exam(16.09.2019)</b> |              |                         |              |
|---|--------------|-------------------------|--------------|
| <b>Question Patterns</b>                      | <b>Marks</b> | <b>No. of Questions</b> | <b>Total</b> |
| Very Short Q / Ans                            | 01           | 08                      | 08           |
| Short Q / Ans Type I                          | 02           | 04                      | 08           |
| Short Q / Ans Type II                         | 03           | 08                      | 24           |
| Long Q/Ans                                    | 05           | 08                      | 40           |
|   |              | <b>Total</b>            | <b>80</b>    |

| <b>Weightage of MID TERM Exam(16.09.2019)</b> |                                   |              |
|---|-----------------------------------|--------------|
| <b>Chapters</b>                               | <b>Name of the Chapters</b>       | <b>Marks</b> |
| Ch -1   | Crop production & management      | 05           |
| Ch -2   | Micro - organisms - Friend & Foe  | 05           |
| Ch -3   | Synthetic fibres and plastics     | 08           |
| Ch -4   | Materials - Metals and non metals | 10           |
| Ch -5   | Coal and Petroleum                | 10           |
| Ch -6   | Combustion and flame              | 10           |
| Ch -7   | Conservation of plants & animals  | 08           |
| Ch -8   | Cell - Structure and Functions    | 12           |
| Ch -9   | Reproduction in Animals           | 12           |
|   | <b>Total</b>                      | <b>80</b>    |

| <b>Blue Print Cycle Test- II (25.11.2019)</b> |                                 |              |
|---|---------------------------------|--------------|
| <b>Question Patterns</b>                      | <b>No. of Questions x Marks</b> | <b>Marks</b> |
| Very Short Q / Ans                            | 4 x 1                           | 04           |
| Short Q / Ans Type I                          | 4 x 2                           | 08           |
| Short Q / Ans Type II                         | 4 x 3                           | 12           |
| Long Q/Ans                                    | 4 x 4                           | 16           |
| Total   |                                 | 40           |

| <b>Blue Print - Final Exam (----.02.2020)</b> |              |                         |              |
|---|--------------|-------------------------|--------------|
| <b>Question Patterns</b>                      | <b>Marks</b> | <b>No. of Questions</b> | <b>Total</b> |
| Very Short Q / Ans                            | 01           | 08                      | 08           |
| Short Q / Ans Type I                          | 02           | 04                      | 08           |
| Short Q / Ans Type II                         | 03           | 08                      | 24           |
| Long Q/Ans                                    | 05           | 08                      | 40           |
| Total   |              |                         | 80           |

| <b>Weightage of Cycle Test- II (25.11.2019)</b> |                                 |              |
|---|---------------------------------|--------------|
| <b>Chapters</b>                                 | <b>Name of the Chapters</b>     | <b>Marks</b> |
| Ch -10  | Reaching the age of adolescence | 10           |
| Ch -11  | Force and Pressure              | 10           |
| Ch -12  | Friction                        | 10           |
| Ch -13  | Sound                           | 10           |
| Total   |                                 | 40           |

| <b>Weightage of Final Exam (----.02.2020)</b> |                                      |              |
|---|--------------------------------------|--------------|
| <b>Chapters</b>                               | <b>Name of the Chapters</b>          | <b>Marks</b> |
| Ch -10  | Reaching the age of adolescence      | 05           |
| Ch -11  | Force and Pressure                   | 05           |
| Ch -12  | Friction                             | 05           |
| Ch -13  | Sound                                | 05           |
| Ch -14  | Chemical effects of electric current | 08           |
| Ch -15  | Some natural phenomena               | 08           |
| Ch -16  | Light                                | 08           |
| Ch -17  | Stars and Solar System               | 07           |
| Ch -18  | Pollution of Air and Water           | 07           |
| Ch -4   | Metals and Non - Metal               | 06           |
| Ch -5   | Coal and Petroleum                   | 05           |
| Ch -8   | Cell - Structure and Function        | 05           |
| Ch -9   | Reproduction in animals              | 06           |
| Total   |                                      | 80           |

























## COMPUTER (2019-20)

| <b>Month (Days)</b>    | <b>Name of the Chapter</b>        | <b>Key Concept</b>  | <b>Activity / Practical</b>          | <b>Diagram/ Web/Flow Chart</b>    |
|------------------------|-----------------------------------|---|--------------------------------------|-----------------------------------|
| <b>April (22 Days)</b> | Ch-1 Computer Network             | Communication, computer network, Types, Network hardware, Communication channels, protocol, Network topology                  | PPT on Computer Network and Topology | Different Network Topology (Diag) |
|                        | Ch-2 Access - Creating a Database | Database, Microsoft Access, Starting Access 2010, Creating blank Database, New Table, Adding records to Table                 | Do Lab Activity from book            | Data Types in Access 2010         |
| <b>May (19 Days)</b>   | Ch-3- Access - Tables and Forms   | Working with a database Table, Filtering Data, Creating Relationship between Tables, Creating Forms                           | Do Lab Activity from book            | Types of Basic Forms              |
| <b>July (25 Days)</b>  | Ch-4 Access - Query & Report      | The Query, Creating a Query, Understanding Query Options, Using Criteria in Query, Sorting Data in a Query, Creating a Report | Do Lab Activity from book            | Understanding Query Window        |

| <b>Month (Days)</b>       | <b>Name of the Chapter</b>       | <b>Key Concept</b>   | <b>Activity / Practical</b>   | <b>Diagram/ Web/Flow Chart</b>        |
|---------------------------|----------------------------------|--|-------------------------------|---------------------------------------|
| <b>August (23 Days)</b>   | Ch-5 Inkscape - Vector Designing | Introduction, Working with objects, Selecting fill colors, Working with curves, Drawing shapes, Defining outlines, Creating text | Do Lab Activity from book     | Inkscape Interface(Diag)              |
| <b>September</b>          |                                  | <b>Revision and Mid Term Exam</b>  |                               |                                       |
| <b>October (18 Days)</b>  | Ch-6 Cloud Computing             | Introduction, Cloud Computing, Google Docs, Google Drives  | Make a PPT on Cloud Computing | Types and services of Cloud Computing |
|                           | Ch-7 Google Apps                 | Introduction to Google, For Surfing and Research, For staying in touch, For working smartly, Google devices                      | PPT on different Google Apps  | Google Apps(WC)                       |
| <b>November (22 Days)</b> | Ch-8 App Development             | Introduction, Android and iOS, Categories of Apps, Developing an App, Types of App, Working of Apps                              | Do Lab Activity from book     | Steps to Create App for Android       |

| <b>Month (Days)</b>       | <b>Name of the Chapter</b>       | <b>Key Concept</b>   | <b>Activity / Practical</b> | <b>Diagram/ Web/Flow Chart</b>                    |
|---------------------------|----------------------------------|--|-----------------------------|---|
| <b>December (23 Days)</b> | Ch-9 Python - Introduction       | Programming Language, Introduction to Python, Character Set, Tokens, Comments, Statements, Data Types, Variables, Defining Input and Output in Python, Error Handling, Programming | Do Lab Activity from book   | Different Data Types used in Python(WC)           |
| <b>January (21 Days)</b>  | Ch-10 Python - Control Structure | Control Structures, Conditional Control Structures, Loop Control Structures, Break Statement, Continue Statement   | Do Lab Activity from book   | Different conditional statement with there syntax |
| <b>February</b>           |                                  | <b>Revision for Final Exams</b>  |                             |   |
| <b>March</b>              |                                  | <b>Final Exams</b>   |                             |   |

| <b>BLUE PRINT CYCLE TEST I (15.05.2019)</b> |                          |           |
|---|--------------------------|-----------|
| Question Pattern                            | No. of Questions x Marks | Marks     |
| MCQ   | 4x0.5                    | 02        |
| Fill Ups                                    | 4x0.5                    | 02        |
| True/False                                  | 4x0.5                    | 06        |
| Short Questions                             | 3x2                      | 06        |
| Long Question                               | 3x2                      | 02        |
| Web Chart                                   | 1x2                      | 03        |
| Practical                                   | 20                       | 20        |
|   | <b>Total</b>             | <b>40</b> |

| <b>BLUE PRINT - MID TERM (18.09.2019)</b> |                          |           |
|---|--------------------------|-----------|
| Question Pattern                          | No. of Questions x Marks | Marks     |
| MCQ                                       | 10x1                     | 10        |
| Fill in the blanks                        | 10x1                     | 10        |
| True/False                                | 10x1                     | 10        |
| Defines                                   | 4x2                      | 8         |
| Short Q/Ans                               | 4x2                      | 8         |
| Long Q/Ans                                | 3x3                      | 9         |
| Web Chart                                 | 1x5                      | 5         |
| Practical/Project                         |                          | 20        |
|   | <b>Total</b>             | <b>80</b> |

| <b>WEIGHTAGE - CYCLE TEST I (15.05.2019)</b> |  |           |
|--|--|-----------|
| Chapter                                      | Name of the chapter                                  | Marks     |
| Ch - 1                                       | Computer Network                                     | 10        |
| Ch - 2                                       | Access - Creating a Database<br>Practical(MS-Access) | 10<br>20  |
|  | <b>Total</b>   | <b>40</b> |

| <b>WEIGHTAGE - MID TERM (18.09.2019)</b> |  |           |
|--|--|-----------|
| Chapter                                  | Name of the chapter                                | Marks     |
| Ch-1                                     | Computer Network                                   | 10        |
| Ch-2                                     | Access-Creating a Database                         | 15        |
| Ch-3                                     | Access-Tables and Forms                            | 10        |
| Ch-4                                     | Access-Query and Report                            | 15        |
| Ch-5                                     | Inkscape-Vector Designing<br>Practical (Ms-Access) | 10<br>20  |
|  | <b>Total</b>                                       | <b>80</b> |

| <b>BLUE PRINT CYCLE TEST II (01.11.2019)</b> |                          |           |
|--|--------------------------|-----------|
| Question Pattern                             | No. of Questions x Marks | Marks     |
| MCQ  | 4x0.5                    | 02        |
| Fill Ups                                     | 4x0.5                    | 02        |
| True/False                                   | 4x0.5                    | 02        |
| Short Questions                              | 3x2                      | 06        |
| Long Question                                | 3x2                      | 06        |
| Web Chart                                    | 1x2                      | 02        |
| Practical                                    |                          | 20        |
| <b>Total</b>                                 |                          | <b>40</b> |

| <b>BLUE PRINT - FINAL EXAM (---.02.2019)</b> |                          |           |
|--|--------------------------|-----------|
| Question Pattern                             | No. of Questions x Marks | Marks     |
| MCQ  | 10x1                     | 10        |
| Fill in the blanks                           | 10x1                     | 10        |
| True/False                                   | 10x1                     | 10        |
| Defines                                      | 4x2                      | 8         |
| Short Q/Ans                                  | 4x2                      | 8         |
| Long Q/Ans                                   | 3x3                      | 9         |
| Web Chart                                    | 1x5                      | 5         |
| Practical/Project                            | 20                       | 20        |
| <b>Total</b>                                 |                          | <b>80</b> |

| <b>WEIGHTAGE - CYCLE TEST II (01.11.2019)</b> |                     |           |
|---|---------------------|-----------|
| Chapter                                       | Name of the chapter | Marks     |
| Ch-8  | Cloud Computing     | 10        |
| Ch-9  | Google Apps         | 10        |
| Ch-10   | Practical           | 20        |
| <b>Total</b>                                  |                     | <b>40</b> |

| <b>WEIGHTAGE - FINAL EXAM (---.02.2019)</b> |                           |           |
|---|---------------------------|-----------|
| Chapter                                     | Name of the chapter       | Marks     |
| Ch-6  | Cloud Computing           | 10        |
| Ch-7  | Google Apps               | 15        |
| Ch-8  | App Development           | 10        |
| Ch-9  | Python-Introduction       | 15        |
| Ch-10                                       | Python-Control structures | 10        |
|   | Practical                 | 20        |
| <b>Total</b>                                |                           | <b>80</b> |

## MUSIC - SYMPHONY (2019-20)

| MONTH                           | THEORY   | PRACTICAL   | ACTIVITY  |
|---------------------------------|--|---|---|
| <b>April</b>                    | Pg no 6 Music introduction<br>Pg no 7 Parts of music                             | Pg no 24 Main Hindi Hoon<br>Pg no 32 Computer                   | Bhangda Dance / Gidda<br>(Punjabi Dance)                                  |
| <b>May</b>                      | Pg no 8 Taal<br>Pg no 9, 10 Sargam   | Pg no 22 Sarjami<br>Pg no 33 Around the world                   | Self composed song on<br>mother / father                                  |
| <b>July</b>                     | Pg no 11 Bhav aur Ras<br>Pg no 12 Hast mudra<br>Pg no 13 Nritya                  | Pg no 20 Meray dil ke room<br>Pg no 31 Mary's Boy child         | Guru Vandana / Bhajan (Any)   |
| <b>August</b>                   | Pg no 14 Saptak & raag<br>Pg no 15 Sangeet ka Itihas<br>Pg no 16 Vadya ke Prakar | Pg no 23 Sapt Chakra<br>Pg no 34 Games                          | Group dance competition<br>on Patriotic Song / Solo                       |
| <b>September</b>                | <b>Mid Term Exams</b>  |   |   |
| <b>October</b>                  | Pg no 17 Rangmanch<br>ka natak.  | Pg no 23 Yuva<br>Pg no 35 Sleeping child                        | Gujrati folk Dance/self composition Hindi Divas<br>(garbha) Sri Ram Stuti |
| <b>November</b>                 | Pg no 29 Hindi skit<br>(Panchvikaar)   | Pg no 35 If we were a movie<br>Pg no 25 Abhi nahi to Kabhi nahi | Song Related to<br>Diwali & Dance.  |
| <b>December</b>                 | Pg no 38 & 39 English skit<br>(healthy World, Tongue Twister)                    | Pg no 26 Pyase ko Pani<br>Pg no 38 The other side of me         | Christmas Carol<br>Singing / New Year Song                                |
| <b>January</b>                  | Self composed poem<br>and song   | Pg no 27 Harit geet.<br>Pg no 37 Never say Never                | Solo singing competition<br>related to Republic Day / Group               |
| <b>February<br/>&amp; March</b> | <b>Revision &amp; Final Exams</b>  |   |   |

## ARTS (Creative Art )

| MONTH     | BOOK PG.NO.  | DESCRIPTION  | ACTIVITY  |
|-----------|--------------|--|---|
| April     | Pg. 6 to 15  | Use of different lines different colours, object veg. drawing & use of water colours .                         | Poster making /slogan writing comp on earth day/mother's day card |
| May       | Pg. 16 to 21 | Use of water colour. Composition & still life (cartoon) to increase the basic knowledge of colouring & shading | Use of POP for vase making (POP/ white cement)                    |
| July      | Pg. 22 to 31 | Anatomy of human figure, hands, features, still life & composition Landscape, water life & composition.        | Paper craft learning/Waste bottle craft                           |
| August    | Pg. 32 to 41 | Landscape, water colour, mix media shading with 2B, 6B, 3B, pencils Revision work                              | Paper craft on Independence day                                   |
| September |              | Revision work  |   |
| October   | Pg. 42 to 51 | Graph method will be learned   | Craft work related to Diwali with waste bottle                    |
| November  | Pg. 52 to 57 | Figure drawing / Poster on current issues  | Rangoli making with colour on Sheet                               |
| December  | Pg. 57 to 65 | Calligraphy patterns and techniques  | Folder making   |
| January   | Pg. 66 to 67 | Design creation and their use on the different items   | Best out of waste activity in class                               |
| February  |              | <b>Revision work</b>   |   |

## Life Skills - Touch The Light

| Month (Days)              | Name of the Chapter                                       | Key Concept  | Activity   |
|---------------------------|---|--|--|
| <b>April (22 Days)</b>    | Ch-1: Knowledge and Wisdom<br>Ch-2: Values of Ethics      | - Importance of Education, Wisdom & knowledge<br>- Human Values & importance of values in our life, Virtues and Ethics | Discussion on topic- 'Moral values and its relevance in today's generation'. |
| <b>May (19 Days)</b>      | Ch-3: Success Mantra                                      | Benevolence of Intimacy, attributes of a good friend   | List qualities which you expect in your friend.                              |
| <b>July (25 Days)</b>     | Ch-4: Motivation<br>Ch-5: Born to be a Leader             | Importance of Motivation<br>Qualities of a Good Leader, Optimistic   | Write some positive affirmations to motivate yourself.                       |
| <b>August (23 Days)</b>   | Ch-6: Channelizing Life Challenges<br>Ch-7: Art of Living | Stress and its causes<br>Passion and qualities of a passionate person, Magnetic Aura                                   | Narrate an incident when you helped your friend come out stress.             |
| <b>September</b>          |   | <b>Revision and Mid Term Exams</b>   |  |
| <b>October (18 Days)</b>  | Ch-8: Innate Treasure                                     | Valuable Assets, Qualities of a Assertive Person, Generosity   | Speak on topic-"Universe attracts what you think & believe".                 |
| <b>November (22 Days)</b> | Ch-9: Amalgamation of Tradition in Indian Society         | Unity in Diversity   | Make Collage on Unity in diversity   |

| Month (Days)                                    | Name of the Chapter      | Key Concept   | ACTIVITY   |
|---|--------------------------|---|--|
| <b>December (23 days)</b>                       | Ch-10: Awakening Oneself | Art of Living, Seven Energy Chakras and its functions   | Do meditation daily  |
| <b>January (21 Days)</b>                        | Ch-11: Essence of Life   | Ethos, Our value system, sources of values  | Discuss – How does the positive attitude help you in life? |
| <b>GENERAL KNOWLEDGE (G.K PLANET) (2019-20)</b> |                          |   |  |
| Month (Days)                                    | Name of the Chapter      | Key Concept   | ACTIVITY   |
| <b>April (22 Days)</b>                          | Natural World            | 1. Healing Properties of Plants<br>2. Volcanoes<br>3. Endangered Species<br>4. Life in Desert<br>5. Rainforest Birds<br>Rewind          | Name some plants which have medicinal values.              |
| <b>May (19 Days)</b>                            | Sports                   | 20. FIFA World Cup<br>21. Greatest in Cricket<br>22. Dangerous yet Adventurous<br>23. Champions of the Game<br>24. Gymnastics<br>Rewind | Quiz   |

| <b>Month<br/>(Days)</b>      | <b>Name of the Chapter</b> | <b>Key Concept</b>   | <b>ACTIVITY</b>   |
|------------------------------|----------------------------|--|---|
| <b>July<br/>(25 Days)</b>    | India – My Country         | 6. Indian Armed Forces<br>7. India's First<br>8. National Organizations<br>9. Famous Hill Stations<br>10. Vibrant North-East<br>11. Famous Landmarks<br>12. Multipurpose River Valley Projects<br>13. India's Top Universities<br>Rewind | Paste pictures of famous historical monuments of India. |
| <b>August<br/>(23 Days)</b>  | Science and Technology     | 14. Space and Universe<br>15. Medical Specialists<br>16. Internet Terminology<br>17. Elementastic<br>18. Fun with Gravity<br>19. Let's Go Green<br>Rewind  | Write slogans to save environment.                      |
| <b>September</b>             |                            | <b>Revision and Mid Term</b>   |   |
| <b>October<br/>(18 Days)</b> | Literature & Language      | 25. British-US Terminology<br>26. Travelogues<br>27. Oxymoron and Proverbs<br>28. Terms Glossary<br>29. Greatest Speeches<br>Rewind  | Write some commonly used Proverbs                       |

| <b>Month<br/>(Days)</b>       | <b>Name of the Chapter</b> | <b>Key Concept</b>   | <b>Activity</b>                             |
|-------------------------------|----------------------------|--|---|
| <b>November<br/>(22 Days)</b> | World                      | 35. All about European Union<br>36. Adventures Around the World<br>37. Currencies in Circulation<br>38. Major Religious Cities<br>39. International Fashion Designers<br>40. City Names<br>41. Amazing Creative Sculptures<br>Rewind | List Major religious cities of India        |
| <b>December<br/>(23 days)</b> | History                    | 30. Mughal Empire<br>31. Between the Two World Wars<br>32. Freedom Fighters<br>33. Deadliest Epidemics<br>34. H for History<br>Rewind  | Role Model – Famous freedom fighters        |
| <b>January<br/>(21 Days)</b>  | Entertainment              | 42. Top Grossing Music Artist<br>43. IIFA Awards 2017<br>44. World's Best Amusement Parks<br>45. Movie Magic<br>46. First in Bollywood<br>Rewind   | List some World famous Indian Music Artists |
| <b>February<br/>(22 Days)</b> |                            | <b>Final Exam</b>  |   |

| <b>Blue Print - Cycle Test 1 &amp; 2</b> |                          |           |
|--|--------------------------|-----------|
| Question Pattern                         | No. of Questions x Marks | Marks     |
| <b>Life Skill :</b>                      |                          |           |
| MCQ                                      | 5 x 1                    | 5         |
| Fill ups                                 | 5 x 1                    | 5         |
| Match the Following                      | 5 x 1                    | 5         |
| Short Q / Ans.                           | 5 x 1                    | 5         |
| <b>General Knowledge :</b>               |                          |           |
| MCQ                                      | 5 x 0.5                  | 2.5       |
| Fill ups                                 | 5 x 1                    | 5         |
| Ans. in 1 word                           | 5 x 1                    | 5         |
| True / False                             | 5 x 0.5                  | 2.5       |
| Almanac                                  | 2 x 1                    | 2         |
| Currant Affairs                          | 3 x 1                    | 3         |
|  | <b>Total</b>             | <b>40</b> |

| <b>Weightage - Cycle Test 1 (16.05.2019)</b> |                      |           |
|--|----------------------|-----------|
| Subject                                      | Description          | Marks     |
| Life Skill                                   | Ch 1, 2, 3           | 20        |
| G.K.   | Ch 1 to 5 & 20,21,22 | 20        |
|  | <b>Total</b>         | <b>40</b> |

| <b>Weightage - Cycle Test 2 (08.11.2019)</b> |              |           |
|--|--------------|-----------|
| Subject                                      | Description  | Marks     |
| Life Skill                                   | Ch 8         | 20        |
| G.K.   | Ch 25 to 29  | 20        |
|  | <b>Total</b> | <b>40</b> |

| <b>Blue Print - Mid Term and Final Exam</b> |                          |           |
|---|--------------------------|-----------|
| Question Pattern                            | No. of Questions x Marks | Marks     |
| <b>Life Skill</b>                           |                          |           |
| MCQ   | 6 x 1                    | 6         |
| Fill ups                                    | 6 x 1                    | 6         |
| Short Q / Ans.                              | 6 x 2                    | 12        |
| Cr. writing<br>(Lovely Times)               | 1 x 3                    | 3         |
| Comp. of book                               | 02                       | 2         |
| True/False                                  | 6 x 1                    | 6         |
| <b>General Knowledge</b>                    |                          |           |
| MCQ   | 8 x 1                    | 08        |
| Fill ups                                    | 6 x 1                    | 06        |
| True / False                                | 6 x 1                    | 06        |
| Match the<br>following                      | 6 x 1                    | 06        |
| Short Q./Ans.                               | 8 x 1                    | 08        |
| Almanac                                     | 5 x 1                    | 05        |
| Current Affairs                             | 6 x 1                    | 06        |
| <b>Total</b>                                |                          | <b>80</b> |

| <b>Weightage - Mid Term Exam(27.09.2019)</b> |                    |           |
|--|--------------------|-----------|
| Subject                                      | Description        | Marks     |
| Life Skill                                   | Ch 1 to 7          | 35        |
| G.K.   | Ch 6 to 19 & 23,24 | 45        |
| <b>Total</b>                                 |                    | <b>80</b> |

| <b>Weightage - Final Exam(----.03.2019)</b> |                  |           |
|---|------------------|-----------|
| Subject                                     | Description      | Marks     |
| Life Skill                                  | Ch 2, 5, 7 to 11 | 35        |
| G.K.  | Ch 30 to 46      | 45        |
| <b>Total</b>                                |                  | <b>80</b> |

| <b>LIBRARY (2019-20)</b> |                                |   |
|--------------------------|--------------------------------|---|
| <b>MONTH</b>             | <b>READING AREA</b>            | <b>ACTIVITIES</b>   |
| <b>April</b>             | Reading of encyclopedia        | Poster making   |
| <b>May</b>               | Reading of motivational books  | Discussion on current affairs                               |
| <b>July</b>              | Reading of magazines           | Article writing   |
| <b>August</b>            | Reading of biographies         | Making of greeting cards from old magazines and news papers |
| <b>September</b>         | Assessment                     | Assessment  |
| <b>October</b>           | Religious books reading        | Book cover making   |
| <b>November</b>          | Newspaper reading              | Advertisement collage                                       |
| <b>December</b>          | Novels reading                 | Self composed stories (eng/hindi)                           |
| <b>January</b>           | Panchtantra stories reading    | Book review making  |
| <b>February</b>          | Reading of adventurous stories | Making a word chain from the story read                     |

| <b>SPORTS (2019-20)</b> |                  |  |
|-------------------------|------------------|--|
| <b>MONTH</b>            | <b>SYLLABUS</b>  | <b>ACTIVITIES</b>  |
| <b>April and May</b>    | Yoga             | SuryaNamaskar,Dhanurasana ,Matsyasana,Paschimattansana, Sarvangasana,chakrasana.   |
| <b>July</b>             | Kabaddi          | To pronounce the word kabaddi ,dodging,movements of hands and feet,attack or raid,holding or catch                               |
| <b>August</b>           | Foot ball        | Grounded Passing,Ball control,Passing the ball, Match.   |
| <b>September</b>        | Revision         | Revision   |
| <b>October</b>          | Skating/ Cricket | Walking on skates,dragging on skates,gliding on skates,rolling on skates./Skills of bating, bowling, fielding drill, play match. |
| <b>November</b>         | Volley ball      | Service, Passing and Placing Blocking, Smashing, Match   |
| <b>December</b>         | Basket ball      | Dribbling the ball, chest passing, single hand passing, Shooting match   |
| <b>January</b>          | Kho-Kho          | Chasing skills, Running skills,Dodging, Match  |
| <b>February</b>         | Revision         | Revision   |