# City Montessori School, Lucknow

Class VII

# **Syllabus 2024–2025**

#### S.No. Subject Page Number Junior Youth Empowerment 5 1. Programme (JYEP) 7 **English Language** 3. **English Literature** 13 Hindi 18 4. 5. Sanskrit 24 6. **History and Civics** 26 7. Geography 27 29 8. **Mathematics** 9. **Physics** 31 Chemistry 32 10. **Biology** 11. 35 **Computational Thinking & ICT** 37 13. Art 39

### **AIMS AND OBJECTIVES**

#### MORAL EDUCATION:

- 1. To develop in every student the essential elements of morality.
- 2. To develop the values and capabilities necessary for making right decisions and upright conduct.

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- 3. To develop in them the attitude of open mindedness, to appreciate and be ready to accept others and to act constructively not defensively.
- To develop the skill of striving not only for good but to handle the conflicting situations without demeaning self and others.
- To develop the ability to monitor themselves and find out constructive ways of conflict resolutions.
- 6. To promote the development of good character for the purpose of lessening crime and raising the standard of good citizenship.

### **ENGLISH (Prose):**

- 1. To enable the student to acquire the new vocabulary.
- 2. To develop the student's power of imagination, thinking and expression.
- To enable the student to master and reinforce the structural items.
- 4. To enable the student to acquire the information given in the text.
- 5. To develop the student's power of comprehension through listening and reading.
- 6. To enable the student to express the ideas of the text orally or in writing.
- 7. To enable the student to read the English text or passage loudly with correct pronunciation, stress, intonation, pause, articulation of voice etc.

### **ENGLISH (Poetry):**

- 1. To appreciate the beauty, rhyme, rhythm and style of the poem.
- 2. To enable the student to read aloud the poem with proper rhyme, rhythm and intonation.
- 3. To enable the student to enjoy the recitation of the poetry individually or in chorus.
- 4. To enable the student to understand the thought and imagination, which is contained in the poem.
- 5. To create love and interest for English Literature especially for poetry.
- To develop aesthetic values and aesthetic sense and the student to experience pleasure and relaxation by the intensive study of poetry.

### **ENGLISH (Grammar):**

- 1. To provide the knowledge and understanding of the various aspects of grammar.
- To enable the students to use the rules of grammar in speaking and writing English.
- 3. To develop linguistic abilities among students and use for their own expression.

### **ENGLISH (Composition):**

- To develop the ability to speak a few sentences correctly and continuously on a particular / given topic.
- 2. To enable the students to arrange their ideas logically and express them clearly.
- 3. To enable the students to develop their phonetics, pronunciation and voice modulation skills.
- To develop an elegant cursive handwriting.

#### HINDI:

- 1. To impart the knowledge of the structure of the language.
- To enable the students to use idioms and phrases appropriately through their regular use and practice.
- 3. To develop the ability to use difficult literary terms appropriately and pronounce them correctly.
- 4. To enable the students to speak flawlessly and give and understand speeches.

#### **MATHEMATICS:**

- 1. To develop the skills in mathematical computations and calculations.
- 2. To develop a scientific attitude to analyse any situation logically.
- 3. To develop the ability of presenting a thought with exactness and brevity.
- To enable the pupils to put forth arguments when convinced about their correctness without hesitation.
- 5. To help the child to appreciate the geometrical and symmetrical shapes of the natural objects.

#### SCIENCE:

- 1. To develop the power of reasoning.
- To enhance the various skills of the child.
- 3. To develop the power of understanding, interpreting and leading to conclusions.
- 4. To develop the ability of problem solving.
- 5. To create a broader outlook in the life of the learner.
- 6. To develop the art of observation and experimentation.
- To develop the power of impartial judgement.
- 8. To develop curiosity towards the natural phenomenon.
- 9. To develop the ability of rational thinking and decision-making.
- 10. To develop in the child an aversion towards the superstitions.
- To impart training in scientific method and develop a scientific attitude and aptitude.

### **HISTORY / CIVICS:**

- To provide an understanding of the government necessary for the student to grow into a responsible enlightened citizen in a secular democracy.
- 2. To enrich the understanding of those aspects of Indian historical development which are crucial to the understanding of contemporary India.
- To awaken a desirable understanding on pupils of the various streams which have contributed to the development and growth of the Indian nation and its civilization and culture.
- 4. To develop a world historical perspective of the contributions made by various cultures to the total heritage of mankind.

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### **GEOGRAPHY:**

- To develop love for nature and capacity to understand and appreciate the natural beauty, physical forces and such other things.
- 2. To give the knowledge of the land both Indian and foreign.
- To develop the ideals of world citizenship, universal brotherhood, co-operation among human beings and sympathetic attitude towards others.
- To help in adjustment of human life in accordance with the geographical circumstances.
- To give the correct idea of the geographical references those occur in the books and newspapers.
- 6. To inculcate in the students the desire to take to travelling and tourism.

#### **COMPUTER STUDIES:**

- 1. To develop logical and analytical thinking.
- To enable the students to comprehend the concepts and practices of computer Studies.
- 3. To help the students to comprehend and be able to apply the fundamental concepts of programming.
- 4. To develop the detailed insight of application of computer.
- To develop the ability to solve problems using both structured and modular approach.
- To create an awareness of ethical issues related to computing.
- 7. To appreciate the implications of computer use in contemporary society.
- To acquire knowledge on theoretical concepts, application and programming aspects of computer studies.

# JUNIOR YOUTH EMPOWERMENT PROGRAMME (MORAL EDUCATION)

Name of the Textbook: Walking the Straight Path Publisher: B.P.T.

|                    |                   | APRIL - SEPTEMBER                                                             |       |
|--------------------|-------------------|-------------------------------------------------------------------------------|-------|
| Suggested<br>Month | Chapter<br>Number | Name of the Chapter                                                           | Page  |
|                    |                   | Walking the Straight Path                                                     |       |
| April-May          | I                 | The wise are not fooled by flattery                                           | 1-3   |
|                    | II                | Looking for Faults in others is a dangerous habit                             | 5-8   |
|                    | III               | Our home, the planet earth, gives us sustenance                               | 9-12  |
|                    | IV                | There are times when we all need something that we do not have                | 13-15 |
| July-August        | V                 | Sometimes we are faced with a task that seems impossible                      | 17-20 |
|                    | VI                | Not much can be gained without effort                                         | 21-23 |
|                    | VII               | We continually receive the bounties of God                                    | 25-28 |
|                    | VIII              | No man is an island                                                           | 29-32 |
|                    | IX                | As we rise to excellence, we find many spiritual forces at our command        | 33-36 |
|                    | Х                 | It is not always easy to make choices about the direction of our lives        | 37-40 |
| September          | ΧI                | We all experience disappointment and even tragedy in our lives                | 41-44 |
|                    | XII               | Perseverance is an admirable quality                                          | 45-47 |
|                    |                   | OCTOBER - MARCH                                                               |       |
| October            | XIII              | We all have our share of difficulties, but we should not be defeated by them  | 49-52 |
| November           | XIV               | So often we do things without thinking, for habits rule much of our behaviour | 53-56 |
|                    | XV                | Truthfulness and honesty are the standard by which decisions are to be made   | 57-60 |

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| December | XVI   | Too often we under estimate things because of their appearance                                            | 61-64 |
|----------|-------|-----------------------------------------------------------------------------------------------------------|-------|
|          | XVII  | How often we look at things only from our own points of view?                                             | 65-68 |
|          | XVIII | To be free, we must learn to let go some of the things we hold dear.                                      | 69-72 |
| January  | XIX   | It is easy to think that we are doing others a favour when we forgive them for the wrongs they have done. | 73-76 |
| February | XX    | Communities advance through united action.                                                                | 77-79 |

Note: All the lessons need to be covered.

### **SERVICE PROJECT:**

For Service projects, it is important for teachers to consult with the students, plan the project and implement it.

### PRAYER:

5 prayers to be memorised from Prayer Assembly Guidelines.

### **ENGLISH LANGUAGE**

Name of the Textbook: New Mulberry English Course Workbook-7

Author: Ashima Bath, Saswati Dasgupta

**Publisher: Oxford University Press** 

|                    | APRIL – SEPTEMBER                                     |
|--------------------|-------------------------------------------------------|
| Suggested<br>Month | Name of the Chapter                                   |
| April - May        | Adjectives (Revision)                                 |
|                    | The Adverb (Revision)                                 |
|                    | Idiomatic Expressions (Integrated with Comprehension) |
|                    | Synonyms and Antonyms (Integrated with Comprehension) |
|                    | Essay: Descriptive (250 – 300 words)                  |
|                    | Comprehension (Workbook)                              |
|                    | Message                                               |
|                    | Prepositions                                          |
| July               | Verbs                                                 |
|                    | Conjunctions                                          |
|                    | Tenses (only Present)                                 |
|                    | Picture Composition                                   |
|                    | Formal Letter Writing                                 |
|                    | REVISION                                              |
|                    | First Mid Term Assessment                             |
| August             | Tenses (Past and Future)                              |
|                    | Direct and Indirect Speech                            |
|                    | Homophones (Integrated with Comprehension)            |
|                    | Homonyms (Integrated with Comprehension)              |
|                    | Phrasal Verbs (Integrated with Comprehension)         |
|                    | Informal Letter Writing                               |
| September          | Comprehension (Workbook)                              |
|                    | One Word Substitution (Integrated with Comprehension) |
|                    | REVISION                                              |
|                    | HALF-YEARLY EXAMINATION                               |

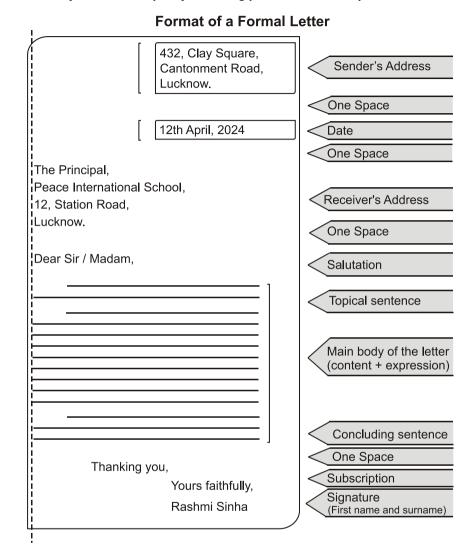
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|                       | OCTOBER - MARCH                                       |
|-----------------------|-------------------------------------------------------|
| October –<br>November | Synonyms and Antonyms (Integrated with Comprehension) |
|                       | Active and Passive Voice                              |
|                       | Homonyms (Integrated with Comprehension)              |
|                       | Essay: Story Writing (250 – 300 words)                |
|                       | Homophones (Integrated with Comprehension)            |
|                       | Notice                                                |
|                       | One Word Substitution (Integrated with Comprehension) |
| December              | Comprehension (Workbook)                              |
|                       | Informal Letter Writing                               |
|                       | REVISION                                              |
|                       | Second Mid Term Assessment                            |
|                       | Essay: Narrative (250 – 300 words)                    |
|                       | Formal Letter Writing                                 |
| January               | Phrases                                               |
|                       | Clauses                                               |
|                       | Phrasal Verbs (Integrated with Comprehension)         |
| February              | Idiomatic Expressions (Integrated with Comprehension) |
|                       | Comprehension (Workbook)                              |
|                       | REVISION                                              |
|                       | ANNUAL EXAMINATION                                    |

### Note:

- The Language topics mentioned in the 'Language syllabus' along with the integrated 'Grammar and Writing' topics (in Literature syllabus) should be taught by the teachers specifically taking **Language** classes.
- The vocabulary building topics may be taken up in the Literature as well as in Language periods.
- The corresponding page numbers for the Writing topics-(Essay, Letter, etc.) reflected in Language integration section (in Literature syllabus) may be considered ONLY for reference.
- **Minimum one** comprehension question based on **Infographics** should be taken up in each term.
- **Minimum two** comprehension passages should be taken up in each term from the prescribed workbook.
- Grammar exercises from the Coursebook and Workbook should be used for additional practice / homework (as per the topics).
- No fixed number has been prescribed for Homonyms but such words will be examined in general.
- Please note the following suggestions for a formal letter addressed to 'The Editor'.
- a. ONLY Sir / Madam to be written in salutation. Use of 'Dear' should be omitted.
- b. Subscription to be written as 'Yours truly'.
- Students may be trained not to change the tense of the word while attempting exercises based on sentence formation.
- The question paper will be of 80 marks and shall include questions based on Knowledge, Application and Higher Order Thinking Skills (HOTS).
- The learners will be tested on their previous knowledge of functional grammar (of all the levels) in the Half Yearly and Annual Examinations.

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#### Please note:

<sup>\*</sup> One space signifies one writing space (one line).

### Format of an Informal letter Mussoorie International School, 56, Mall Avenue, Sender's Address Mussoorie. One Space 16th April, 2024 Date One Space Salutation Dear\_ Topical sentence Main body of the letter (content + expression) Concluding sentence One Space Yours affectionately, Subscription First name only Raima

### Please note:

\* One space signifies one writing space (one line).

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### **FORMAT OF A MESSAGE**

| MESSAGE         |   | Title     |
|-----------------|---|-----------|
| 10th July, 2024 | ] | Date      |
| 5:00 pm         | ] | Time      |
|                 |   | One Space |
| Dear Ravi,      | ] | One Space |
|                 |   | Content   |
|                 |   | One Space |
| Daisy           | 1 | One Space |

### **Guidelines:**

The content of the message must not be more than 50 - 60 words.

It must be written in reported speech and should contain relevant details.

One space signifies one writing space (one line).

### **SPECIMEN FOR NOTICE**

War of Words
Inter-school Debate Competition
on 8<sup>th</sup> December 2024
from 9.00 a.m. to 12 noon

at Centenary Hall, St. Hilda's School

All pupils from Classes VI to VIII who wish to participate are to give their names to Mrs. T. Baker on or before 1<sup>st</sup> December 2024

 New Mulberry English Coursebook – 7 (Term I & Term II)
 Ranthambore Adventure
 Ashima Bath, Saswati Dasgupta
 Deepak Dalal
 Oxford University Press
 Penguin Random House Name of the Textbook:

Publisher: Author:

| Name of the Genre Theme Skill Development Chapter APRIL – SEPTEMBER (First Term) | Theme Skill Development APRIL – SEPTEMBER (First Tem | Skill Development SEPTEMBER (First Tem | Skill Development C | U =      | Language Integration (Reference Pages from Coursebook, Workbook & Writing Topics) | Reflective Development                                |
|----------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------|---------------------|----------|-----------------------------------------------------------------------------------|-------------------------------------------------------|
|                                                                                  |                                                      |                                        |                     | Ĭ        | • Adjectives                                                                      |                                                       |
|                                                                                  |                                                      |                                        | Inferencing,        |          | Coursebook                                                                        |                                                       |
| Humility and                                                                     | Humility and                                         |                                        | Discussion and      |          | Term I: Pg 38 - Ex 1                                                              |                                                       |
| ohical Compassion,                                                               | ohical Compassion,                                   |                                        | Debate, Character   |          | Term II: Pg17 & 18 - Ex                                                           | Term II: Pg17 & 18 - Ex Which all qualities would you |
| Self-Reflection                                                                  | Self-Reflection                                      |                                        | Analysis, Moral and | _        | 1,2                                                                               | like to develop in yourself to                        |
| (Terriff) Questions (Short Story) for Personal Ethical Reasoning,                | for Personal                                         |                                        | Ethical Reasoning,  |          | ook: Pg 48 & 49                                                                   | be successful in life?                                |
| Growth Empathy and                                                               | Growth                                               |                                        | Empathy and         |          | - Ex 6, 7                                                                         |                                                       |
| Perspective                                                                      | Perspective                                          | Perspective                            | Perspective         |          | Pg 90 - Ex 5                                                                      |                                                       |
| Development                                                                      | Development                                          | Development                            | Development         | _        | Adverbs                                                                           |                                                       |
|                                                                                  |                                                      |                                        |                     |          | Coursebook                                                                        |                                                       |
|                                                                                  |                                                      |                                        |                     |          | Term I: Pg 91 & 92 -                                                              |                                                       |
|                                                                                  |                                                      |                                        |                     |          | Ex 1, 2                                                                           |                                                       |
|                                                                                  |                                                      |                                        |                     | 7        | Workbook: Pg 41 & 42                                                              |                                                       |
|                                                                                  |                                                      |                                        | ımagınation, ⊂ultu  | <u>ख</u> | - Ex 4, 5                                                                         | How does the vibrant                                  |
| ~                                                                                | ~                                                    | Cultural Understanding,                | Understanding,      |          | Pg 59 - Ex 5                                                                      | atmosphere of the Indian                              |
| oad Lyric Poetry richness, Indian                                                | richness, Indian                                     | ricnness, Indian Observation and       | Observation and     |          | • Idioms                                                                          | markets add flavour to our                            |
| (Poem) Society Literary Appreciation                                             |                                                      |                                        | Literary Appreciati |          | book                                                                              | festivals i.e., Holi and Diwali?                      |
|                                                                                  |                                                      |                                        |                     |          | Term II: Pg 57 & 58 -                                                             |                                                       |
|                                                                                  |                                                      |                                        |                     | _        | Ev 1                                                                              |                                                       |
|                                                                                  |                                                      |                                        |                     | _        | EX 1, 2                                                                           |                                                       |
|                                                                                  |                                                      |                                        |                     | Ť        | Descriptive Essay                                                                 |                                                       |

|                                                                                                                    | Verbs Conjunctions Coursebook Term II: Pg 31 & 32 - Ex 1, 2 Workbook: 53 & 54 - Ex Workbook: 53 & 54 - Ex Tenses (Only Present) Picture Composition Coursebook Term II: Pg 52 - Ex 1 Term II: Pg 19 & 20 Formal Letter Writing Coursebook Term II: Pg 78 - Ex 1 Gevelopment? Term II: Pg 78 - Ex 1 Gevelopment? |                                       |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Comprehension (Workbook)  Message Writing  Prepositions Coursebook Term II: Pg 18 - Ex 2, 3 Workbook: Pg 49 - Ex 7 | • • • •                                                                                                                                                                                                                                                                                                         | L                                     |
|                                                                                                                    | Appreciating<br>situational comedy,<br>Adopting a<br>methodical approach<br>to life                                                                                                                                                                                                                             | REVISION<br>FIRST MID TERM ASSESSMENT |
|                                                                                                                    | Importance of<br>planning and<br>punctuality                                                                                                                                                                                                                                                                    | FIRST MI                              |
|                                                                                                                    | Humorous<br>Literature                                                                                                                                                                                                                                                                                          | -                                     |
|                                                                                                                    | Uncle Chapter 4 Podger Humorous (Term I) Leaves for Literature Work                                                                                                                                                                                                                                             |                                       |
|                                                                                                                    | Uncle<br>Chapter 4 Podger<br>(Term I) Leaves t                                                                                                                                                                                                                                                                  |                                       |
|                                                                                                                    | Vinly                                                                                                                                                                                                                                                                                                           |                                       |

| <br>ISS VII                                                                                                                                                                                                                       |                                                                                                                                    |                                      |                                                                                                       |                                     |                               |                                                                                                                                                                       |                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Tenses (Past and Mhat extra-curricular activities or sports do you activities or sports do you like to indulge in? Reflect on Ferm I: Pg 49 & 50 - Ex a few activities that you would want to learn and Norkbook: Pg 20 & 21 why? | How does Tagore's description of the palm tree make you think about the qualities that help people stay strong during tough times? |                                      | How does the lesson<br>'Achilles' teach you the<br>importance of co-existence<br>to enrich our world? |                                     |                               | Anne and her family had to live in fear while hiding. What could be the other problems or challenges a person might have to face if he/she has to leave his/her home? | How can you use this poem as a source of inspiration for your own personal                     |
| • Tenses (Past and Future)  Coursebook  Term I: Pg 49 & 50 - Ex 1, 2  Workbook: Pg 20 & 21                                                                                                                                        | Ex 8, 9, 10  Reported Speech Coursebook Term II: Pg 42 to 46 - Ex 1, 2, 3 Workbook: Pg 66 to 68 - Ex 6, 7  Informal Letter Writing | e 3 - 113)                           | Comprehension (Workbook)                                                                              |                                     | (m                            | Active & Passive Voice Coursebook Term II: Pg 58 to 62 - Ex 1, 2, 3 Workbook: Pg 72 & 73 - Ex 5, 6 Pg 91 - Ex 7                                                       | Essay: Story Writing     Notice Writing                                                        |
| Collaboration and<br>Teamwork, Physical<br>and Mental Strength                                                                                                                                                                    | Emotional<br>Intelligence                                                                                                          | Ranthambore Adventure (Page 3 - 113) | Empathy, Character<br>Analysis,<br>Pronunciation<br>(Syllable stress in<br>verbs), Inferencing        | REVISION<br>HALF YEARLY EXAMINATION | OCTOBER - MARCH (Second Term) | Empathizing with homeless people, Facing adverse situations with courage                                                                                              | Development of<br>Character Traits<br>(Honesty, Patience,                                      |
| Power of Friendship and Unity, Appreciating the true spirit of sportsmanship                                                                                                                                                      | Arrogance,<br>Superiority and<br>Overconfidence;<br>Power and<br>Ambition                                                          | Rantham                              | Love and<br>affection for<br>animals                                                                  | HALF YE                             | OCTOBER -                     | Resilience &<br>Hope                                                                                                                                                  | (Term II) If (Poem) Didactic Poem reliance, Balance Character Traits in life, (Honesty, Patien |
| Short Story/<br>Contemporary<br>Fiction                                                                                                                                                                                           | Palm Tree Lyric Poem<br>(Poem)                                                                                                     |                                      | Autobiographical<br>account                                                                           |                                     |                               | Historical /<br>Autobiographical<br>account                                                                                                                           | Didactic Poem                                                                                  |
| Suvira                                                                                                                                                                                                                            | Palm Tree<br>(Poem)                                                                                                                |                                      | Achilles                                                                                              |                                     |                               | Settling<br>into the<br>Secret<br>Annexe                                                                                                                              | If (Poem)                                                                                      |
| Chapter 3 Suvira<br>(Term I)                                                                                                                                                                                                      | (Term I)                                                                                                                           |                                      | Chapter 6<br>(Term I)                                                                                 |                                     |                               | Settling Chapter 4 into the (Term II) Secret Annexe                                                                                                                   | (Term II)                                                                                      |
| August                                                                                                                                                                                                                            |                                                                                                                                    |                                      | September (Term I)                                                                                    |                                     |                               | October -<br>November                                                                                                                                                 |                                                                                                |

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| growth?                                                                                             | Ask students to draw a colourful umbrella and write a few acts of kindness. This activity can further be carried on to create a monthly calendar of acts of kindness wherein each day a student adds a page to the calendar and shares an act of kindness performed by him/her. |                                        |                                               | Which is your favourite sport? What will you do to Coursebook  Term II: Pg 75 - Ex 1, 2 are essential to become an Workbook: Pg 54 - Ex effective captain of the 5; Pg 78 & 79 - Ex 7, | The poem shows that with the passage of time change becomes inevitable. Reflect |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
|                                                                                                     | <ul> <li>Comprehension<br/>(Workbook)</li> </ul>                                                                                                                                                                                                                                | E                                      | 14 - 220)                                     | <ul> <li>Phrases and Clauses Coursebook Term II: Pg 75 - Ex 1, 2 Workbook: Pg 54 - Ex 5; Pg 78 &amp; 79 - Ex 7,</li> </ul>                                                             | <b>ග</b><br>හ                                                                   |
| Perseverance, Empathy), Time Management, Equality, Being honest and patient with others and oneself | Resilience,<br>Adaptability,<br>Optimism                                                                                                                                                                                                                                        | REVISION<br>SECOND MID TERM ASSESSMENT | Ranthambore Adventure (Oral) (Page 114 - 220) | Teamwork and Collaboration, Passion and Perseverance, Organizational skills                                                                                                            | Empathy and<br>Perspective<br>Development,                                      |
| Perseverance                                                                                        | Beauty of finding Resilience,<br>joy in simple Adaptability<br>things Optimism                                                                                                                                                                                                  | SECOND MI                              | Ranthambore Adv                               | Childhood and<br>Friendship,<br>Overcoming<br>Challenges                                                                                                                               | Travel and<br>Adventure                                                         |
|                                                                                                     | Children's<br>Literature /<br>Young Adults'<br>Fiction                                                                                                                                                                                                                          |                                        |                                               | Humourous<br>Literature                                                                                                                                                                | Reflective /<br>Narrative<br>Poem                                               |
|                                                                                                     | Chapter 3 The Blue<br>(Term II) Umbrella                                                                                                                                                                                                                                        |                                        |                                               | Chapter 5 The MCC (Term II)                                                                                                                                                            | Geography<br>Lesson<br>(Poem)                                                   |
|                                                                                                     | December (Term II) Umbrella                                                                                                                                                                                                                                                     |                                        |                                               | Chapter 5<br>(Term II)                                                                                                                                                                 | Geograp<br>(Term II) Lesson<br>(Poem)                                           |
|                                                                                                     | December                                                                                                                                                                                                                                                                        |                                        |                                               | January                                                                                                                                                                                |                                                                                 |

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### हिंदी भाषा

बाल हिंदी व्याकरण तथा रचना Name of Textbook :

> श्रीमती राज अग्रवाल Author: गोयल ब्रदर्स प्रकाशन Publication:

|             | 4 DD!!           | 0-0-1-1-1-0-0 (-1-0-1-1-0-1)                 |       |
|-------------|------------------|----------------------------------------------|-------|
| Suggested   | APRIL<br>Chapter | _ – SEPTEMBER (FIRST TERM)                   | 1     |
| Month       | Number           | Name of the Chapter                          | Page  |
|             |                  | पर्यायवाची शब्द – (नवभारती)                  |       |
|             |                  | अश्व, मस्तक, अरि, रण, हालात, जल, युक्ति,     |       |
| April - May |                  | आँख, सत्य, प्रतिष्ठा, अपराध, करुणा, व्यायाम, |       |
|             |                  | प्रवीण, मार्ग, श्रम, अनोखा, निनाद, महिला,    |       |
|             |                  | कर्ण ।                                       |       |
|             |                  | विपरीतार्थक शब्द — (नवभारती)                 |       |
|             |                  | आसमान, निर्भीक, तन, वीरता, दोस्त,            |       |
|             |                  | दुरुपयोग, ऋण, नियमित, घृणा, अनुकूल,          |       |
|             |                  | सुमार्ग, विजय, निरोग, शिथिल, साधारण,         |       |
|             |                  | बुद्धिमान, सुडौल, विनम्रता, स्वीकार, सावधान  |       |
|             |                  | निबन्धः वर्णनात्मक                           |       |
|             | 24               | अनेक शब्दों के लिए एक शब्द (अच्छे आचरण       | 132   |
|             | 24               | वाला से जिसमें रस न हो तक)                   | 132   |
| July        | 6                | संज्ञाओं का रूप परिवर्तन                     | 31-34 |
|             | 22               | उपसर्ग (केवल हिंदी उपसर्ग)                   | 120   |
|             | 23               | प्रत्यय (केवल दो भेद)                        | 122   |
|             |                  | First Mid Term Assessment                    |       |
|             |                  | सुर्ख़ियाँ                                   |       |
|             |                  | <b>पत्र</b> — औपचारिक                        |       |
|             |                  | चित्र—अध्ययन                                 |       |
| August      | 28               | मुहावरे (उल्लू बनाना से काँटा निकलना तक)     | 166   |
|             |                  | पत्र— अनौपचारिक                              |       |
|             | 24               | अनेकार्थक शब्द (हरि से तात तक)               | 129   |
|             |                  | अपठित गद्यांश                                |       |
|             |                  |                                              |       |

|                                                     |                          | ANNUAL EXAMINATION |          |          |
|-----------------------------------------------------|--------------------------|--------------------|----------|----------|
|                                                     | Comprehension (Workbook) | NOIS               | REVISION | February |
| along with your regular<br>studies / busy schedule? | N D                      |                    |          |          |
| to devote time to nurture it                        | Tr.                      |                    |          |          |
| hobbies. How do you plan                            | <u> </u>                 |                    |          |          |
| share any one of vour                               | <i>.</i>                 |                    |          |          |
| OR                                                  |                          |                    |          |          |
| apprehensions about it.                             | <u></u>                  |                    |          |          |
| older and what are your                             | 0                        | Awareness          |          |          |
| orward to as you grow                               | <u> </u>                 | Geographical       |          |          |
| on what are you looking                             | 0                        | Cultural and       |          |          |

The Language topics mentioned in the 'Language syllabus' along with the integrated 'Grammar and Writing' topics (in Literature syllabus) should be taught by the teachers specifically taking Language classes.

The vocabulary building topics may be taken up in Literature as well as in Language periods.

The question paper will be of 80 marks and shall include questions based on Knowledge, Application and Higher Order Thinking Skills (HOTS). Students may be trained not to change the tense of the word while attempting exercises based on word meaning and sentence formation. Oral component to be made a compulsory part of assessments.

The book prescribed for oral assessment may be divided into two parts for the two terms.

| September |    | <b>निबन्ध</b> ः कल्पनात्मक |    |
|-----------|----|----------------------------|----|
|           | 13 | क्रिया विशेषण              | 82 |
|           |    | पुनरावृत्ति                |    |
|           | HA | LF-YEARLY EXAMINATION      |    |

|          | OCTOBER - | - MARCH (SECOND TERM)                                                                                                                                                               | Page        |
|----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| October  |           | पर्यायवाची शब्द — (नवभारती)<br>विकास, किसान, अध्याय, पुण्य, कर्ज़, विद्यालय,<br>आश्चर्य, गाँव, प्रेम, यात्रा, निधन, बचपन, ईश्वर<br>रतन, मुख, धन, मंसूबा, मूर्छित, पश्चाताप,<br>हृदय |             |
|          |           | विपरीतार्थक शब्द — (नवभारती)<br>साकार, सीमित, विश्वास, देश, सहमति,<br>असहाय, गरीब, इलाज, रुचि, अनाथ, विराट,<br>अंतर्राष्ट्रीय, बैर, भोर, भेद, योग, करुणा,<br>प्रतिकूल, संतोष, तरुण  |             |
|          | 28        | मुहावरे (कान पर जूँ तक न रेंगना से चंगुल में<br>फँसना तक)                                                                                                                           | 166         |
| November | 25        | शब्दों एवं वाक्यों का अशुद्धिशोधन (नवभारती<br>तथा बाल हिन्दी व्याकरण)                                                                                                               |             |
|          |           | <b>निबंध</b> — वर्णनात्मक                                                                                                                                                           |             |
|          | 15        | समुच्चयबोधक                                                                                                                                                                         | 90          |
|          | 24        | श्रुतिसम भिन्नार्थक शब्द<br>(प्रकार से अपार तक)                                                                                                                                     | 135,<br>136 |
| December |           | Second Mid Term Assessment                                                                                                                                                          |             |
|          |           | <b>पत्र</b> — औपचारिक                                                                                                                                                               |             |
| January  |           | <b>पत्र</b> — अनौपचारिक                                                                                                                                                             |             |
|          | 37        | डायरी लेखन                                                                                                                                                                          | 226         |
| February |           | निबंध – कल्पनात्मक                                                                                                                                                                  |             |
|          |           | पुनरावृत्ति                                                                                                                                                                         |             |
|          |           | ANNUAL EXAMINATION                                                                                                                                                                  |             |

### Genius is only an infinite capacity for taking pains. - Jane E. Hopkins

### औपचारिक पत्र (प्रारूप काउन्सिल के अनुरूप)

नोट: दोनों पत्रों में प्रारूप के लिए 2 अंक, विषय-वस्तु के लिए 5 अंक।

|                     | सरस्वती सदन,                                                              |
|---------------------|---------------------------------------------------------------------------|
| प्रेषक का पता       | तिलक पथ,                                                                  |
|                     | दिल्ली - (पिनकोड)                                                         |
| एक लाइन छोड़ें      | (                                                                         |
| - दिनांक <b>-</b>   | 28 मार्च, 2018                                                            |
| एक लाइन छोड़ें      |                                                                           |
| , , , , ,           | सेवा में,                                                                 |
|                     | संपादक महोदय,                                                             |
| प्राप्तकर्ता का पता | दैनिक जागरण,                                                              |
| ALCONO DI INI       | राजवीर नगर,                                                               |
|                     | दिल्ली - (पिनकोड)                                                         |
| एक लाइन छोड़ें      | 14(11 (1114/10)                                                           |
| संक्षिप्त मूल विषय  | বিজয:                                                                     |
| एक लाइन छोड़ें      | 19.                                                                       |
| सम्बोधन >           | महोदय/महोदया,                                                             |
|                     | सविनय निवेदन है कि                                                        |
| प्रारंभिक वाक्य तथा | तायगव गियपंग रु ।यर                                                       |
| मुख्य कारण          |                                                                           |
|                     |                                                                           |
| एक लाइन छोड़ें      |                                                                           |
| विषय विस्तार        |                                                                           |
|                     |                                                                           |
|                     |                                                                           |
|                     | 1                                                                         |
| एक लाइन छोड़ें      |                                                                           |
| अन्तिम अनुच्छेद     | आशा है/अनुरोध है                                                          |
| जारान जगुञ्छप       |                                                                           |
| एक लाइन छोड़ें      |                                                                           |
| अन्तिम वाक्य        | कष्ट के लिए क्षमा कीजिएगा।                                                |
| एक लाइन छोड़ें      |                                                                           |
| आभार                | धन्यवाद ।                                                                 |
| एक लाइन छोड़ें      |                                                                           |
| समापन               | भवदीय/भवदीया                                                              |
|                     | नाम                                                                       |
|                     | नोट - विद्यालयी पत्रों में प्रेषक का पता अनिवार्य नहीं है तथा समापन निम्न |
|                     | गकार से किया जा सकता है।                                                  |

नोट - विद्यालयी पत्रों में प्रेषक का पता अनिवार्य नहीं है तथा समापन निम्न प्रकार से किया जा सकता है। आपका आज्ञाकारी / आपकी आज्ञाकारिणी, नाम - प्रभाग - प्रभाग - कक्षा - प्रभाग -

### अनौपचारिक पत्र (प्रारूप काउन्सिल के अनुरूप)

|                | 12, राम निवास,   |
|----------------|------------------|
| The IT I'M     | गाँधी पथ,        |
| प्रेषक का पता  | पवई,             |
|                | मुंबई - (पिनकोड) |
| एक लाइन छोड़ें |                  |
| दिनांक >       | 28 मार्च, 2018   |
| एक लाइन छोड़ें |                  |
| सम्बोधन        | पूज्य/प्रिय,     |
| अभिवादन        | सप्रेम नमस्कार।  |
| एक लाइन छोड़ें |                  |
| प्रारम्भ       | मैं यहाँ —       |
| ЯІКТ           | ୍ୟ ପ୍ର           |
|                |                  |
|                |                  |
|                |                  |
| एक लाइन छोड़ें |                  |
| मुख्य विषय     |                  |
| .,4.,,,,,      |                  |
|                |                  |
|                |                  |
|                |                  |
|                | \                |
| एक लाइन छोड़ें |                  |
| समापन          | सभी बड़ों को     |
|                | lt               |
| एक लाइन छोड़ें |                  |
| पत्र के अनुरूप | आपका/तुम्हारा    |
|                | नाम ——           |

## हिंदी साहित्य

1. नवभारती / 2. ऐसे थे हमारे पूर्वज Author: 1. डॉ0 भारती पांडे Name of Textbook :

1. कृष्ण गोपाल आबिद

1. कारडोवा Publication:

2. न्यूमैन पब्लिकेशन्स

| APRIL - SEPTEMBER (FIRST TERM) |                   |                           |      |
|--------------------------------|-------------------|---------------------------|------|
| Suggested<br>Month             | Chapter<br>Number | Name of the Chapter       | Page |
| April & May                    |                   | नवभारती (पाठ्यपुस्तक)     |      |
|                                | 18                | चेतक                      | 116  |
|                                | 2                 | जल बैंक                   | 13   |
|                                |                   | ऐसे थे हमारे पूर्वज       |      |
|                                | 7                 | घनश्याम दास बिरला         | 58   |
|                                |                   | नवभारती (पाठ्यपुस्तक)     |      |
| July                           | 3                 | सच का सौदा                | 19   |
|                                |                   | First Mid Term Assessment |      |
|                                |                   | ऐसे थे हमारे पूर्वज       |      |
|                                | 4                 | रवीन्द्र नाथ टैगोर        | 37   |
| August –                       |                   | नवभारती (पाठ्यपुस्तक)     |      |
| September                      | 7                 | प्राकृतिक व्यायाम         | 47   |
|                                | 8                 | अनोखा हार्न               | 54   |
|                                |                   | ऐसे थे हमारे पूर्वज       |      |
|                                | 6                 | जगदीश चंद्र बोस           | 44   |
|                                |                   | पुनरावृत्ति               |      |
| HALF-YEARLY EXAMINATION        |                   |                           |      |

| OCTOBER - MARCH (SECOND TERM) |    |                            | Page |
|-------------------------------|----|----------------------------|------|
| October-<br>November          |    | नवभारती (पाठ्यपुस्तक)      |      |
|                               | 10 | डिजिटल इंडिया              | 68   |
|                               | 15 | निराली दीवाली              | 95   |
|                               |    | ऐसे थे हमारे पूर्वज        |      |
|                               | 1  | महात्मा गाँधी              | 5    |
| December                      |    | Second Mid Term Assessment |      |

|           |    | ANNUAL EXAMINATION    |     |
|-----------|----|-----------------------|-----|
| February  |    | पुनरावृत्ति           |     |
|           | 6  | सरोजिनी नायडू         | 52  |
|           |    | ऐसे थे हमारे पूर्वज   |     |
|           | 17 | बूढ़ी काकी            | 108 |
| January   | 16 | भक्ति के पद           | 103 |
|           | 12 | विराट कोहली           | 78  |
|           |    | नवभारती (पाठ्यपुस्तक) |     |
|           | 2  | जवाहर लाल नेहरू       | 18  |
|           |    | ऐसे थे हमारे पूर्वज   |     |
| CLASS VII |    |                       |     |

### नोट :-

- 1— हिन्दी में **80 अंकों** का केवल **एक प्रश्न-पत्र** होगा। प्रश्न-पत्र में हिन्दी भाषा तथा साहित्य से प्रश्न पूछे जायेंगे।
- 2— प्रश्न-पत्र में Knowledge based, Application based, बहुविकल्पीय प्रश्न (MCQs) तथा विचारात्मक प्रश्न भी (HOTS) पूछे जायेंगे।
- 3- प्रत्येक पाठ से श्रुतिलेख कराना अनिवार्य है।
- 4- हिन्दी भाषा में पूर्व ज्ञान पर आधारित प्रश्न भी पूछे जायेंगे।
- 5— कविताएँ छात्रों को याद कराई जायेंगी तथा छात्रों की मौखिक अभिव्यक्ति पर ध्यान दिया जाएगा।
- 6- कठिन शब्दों के चार्ट्स सॉफ्टबोर्ड पर लगाये जा सकते हैं।
- 7— 'ऐसे थे हमारे पूर्वज' से प्रति माह एक कहानी छात्रों से अवश्य पढ़वाई जाएगी तथा समझाई जाएगी। प्रश्न-पत्र में इससे कोई प्रश्न नहीं पूछा जाएगा।
- 8— छात्रों से वार्तालाप के समय हिन्दी के साहित्यिक शब्दों एवं मुहावरों का प्रयोग किया जा सकता है।
- 9— औपचारिक तथा अनौपचारिक पत्रों का प्रारूप (Format) संलग्न है।
- 10— विलोम, पर्यायवाची, विराम चिह्न एवं शब्दों तथा वाक्यों का अशुद्धिशोधन साहित्य की पाठ्य पुस्तक (नवभारती) के प्रत्येक पाठ तथा बाल हिंदी व्याकरण पर आधारित होंगे।
- 11- वार्षिक परीक्षा में **सम्पूर्ण पाठ्यक्रम** से प्रश्न पूछे जायेंगे।
- 12- प्रश्न-पत्र में गद्यांश तथा पद्यांश पर आधारित प्रश्न पूछे जायेंगे।

Genius is only an infinite capacity for taking pains. - Jane E. Hopkins

### **SANSKRIT**

Name of Textbook : संस्कृत ज्ञानोदय — भाग-2

Author : डा0 अशोक शर्मा Publication : जवाहर पब्लिकेशन्स

| APRIL – SEPTEMBER (FIRST TERM) |                   |                         |  |
|--------------------------------|-------------------|-------------------------|--|
| Suggested<br>Month             | Chapter<br>Number | Name of the Chapter     |  |
| April – May                    | 1                 | ईश वन्दना               |  |
|                                | 3                 | वार्तालापः              |  |
| July                           | 25                | लेखः                    |  |
|                                | 31                | संख्या वाचक शब्द (1-10) |  |
| August                         | 26                | धेनु:                   |  |
|                                |                   | दो श्लोक                |  |
| September                      |                   | पुनरावृत्ति             |  |

| OCTOBER - MARCH (SECOND TERM) |    |                 |  |
|-------------------------------|----|-----------------|--|
| October                       | 27 | दयालु व्याघ्रः  |  |
| November                      | 28 | सूक्तयः         |  |
| December                      | 29 | सुभाषितानि      |  |
| January                       |    | दो श्लोक        |  |
|                               |    | शब्द रूप – शिशु |  |
| February                      |    | पुनरावृत्ति     |  |

नोट :- पाठ्यक्रम में दिये गए श्लोकों का अर्थ समझाया जायेगा।

### नीतिश्लोकाः

- ददाति प्रतिगृहणाति गुह्यमाख्याति पृच्दति।
   भुङ्क्ते भोजयते चैव षड्विधं प्रीतिलक्षणम्।।
- यो ध्रुवाणी परित्यज्य, अध्रुवं परिशेवते।
   ध्रुवाणि तस्य नश्यन्ति, अध्रुवं न टमेव च।।
- दृष्टिपूतं न्यसेत् पादं, वस्त्रपूतं जलं पिवेत्।
   शास्त्रपूतं वदेद वाक्यं, मनः पूतं समाचरेत।।
- कावयः किं न पश्यन्ति किं न कुर्वन्ति दुर्जनाः।
   मद्यापाः किं न जल्पन्ति, किं न खादन्ति वायसाः।।
- गुणो भूषयते रूपं, शीलं भूषयते कुलम्।
   सिद्धिर्भूषयते विद्यां, भोगो भूषयते धनम्।।
- ६. धनिकः श्रोत्रियो राजा, नदी वैद्यस्तु पंचमः।
   पंच यत्र न विद्यन्ते, न तत्र दिवसं वसेत्।।
- यस्मिन् देशे न सम्मानो, न वृत्तिः न च बान्धवाः।
   न च विद्यागमः कश्चित्, तंश्देषं परिवर्जयेत्।।
- शान्तितुल्यं तपो नास्ति, न सन्तोषात्परं सुखम्।
   न तृणायाः परो व्याधिः, न च धर्मो दयापरः।।
- पविना च विभुः विभुना च कविः।
   कविना विभुना च विभाति सभा।।
- उदये सविता रक्तो रक्तश्चास्तमये तथा।
   संपतौ विपतौ च महतामेकरूपता।।

### **HISTORY AND CIVICS**

Name of the Textbook: WORLD OF HISTORY AND CIVICS

**Author: Vinita Kumar** 

Publisher: CORDOVA PUBLICATIONS PVT. LTD.

| APRIL – SEPTEMBER       |                   |                                                   |      |  |
|-------------------------|-------------------|---------------------------------------------------|------|--|
| Suggested<br>Month      | Chapter<br>Number | Name of the Chapter                               | Page |  |
| April-May               | 1                 | Medieval Europe - Rise And Spread Of Christianity | 7    |  |
|                         | 1                 | The Constitution Of India                         | 110  |  |
| July                    | 3                 | The Turkish Invasions                             | 27   |  |
|                         |                   | First Mid Term Assessment                         |      |  |
| August                  | 4                 | Delhi Sultanate - I                               | 34   |  |
|                         | 5                 | Delhi Sultanate - II                              | 41   |  |
| September               |                   | REVISION                                          |      |  |
| HALF-YEARLY EXAMINATION |                   |                                                   |      |  |

|                       | OCTOBER – MARCH |                                          |     |  |  |
|-----------------------|-----------------|------------------------------------------|-----|--|--|
| October –<br>November | 8               | The Arrival Of The Mughals               | 70  |  |  |
|                       | 9               | Akbar The Great                          | 81  |  |  |
| December              |                 | Second Mid Term Assessment               |     |  |  |
|                       | 2               | The Directive Principles of State Policy | 117 |  |  |
| January               | 10              | Jahangir, Shahjahan And Aurangzeb        | 92  |  |  |
| February              | 11              | Making Of Composite Culture              | 102 |  |  |
|                       |                 | REVISION                                 |     |  |  |
| ANNUAL EXAMINATION    |                 |                                          |     |  |  |

### Note:

- A single notebook has to be maintained for History and Civics.
- The entire course from April to February will be tested in the Annual Examination (No Semester System).

| UNIT PROJECT |                                      |  |  |
|--------------|--------------------------------------|--|--|
| Month        | Торіс                                |  |  |
| December     | Directive Principles of State Policy |  |  |

The topic for the Unit Project will also be tested in the examination.

### **GEOGRAPHY**

Name of the Textbook: AROUND the WORLD -7

(Term 1 & Term 2)

Author: R K Jain
Publisher: Ratna Sagar

| APRIL – SEPTEMBER       |                   |                                                               |      |  |
|-------------------------|-------------------|---------------------------------------------------------------|------|--|
| Suggested<br>Month      | Chapter<br>Number | Name of the Chapter                                           | Page |  |
| April – July            | 1                 | Atmosphere                                                    | 3    |  |
|                         | 2                 | Weather and Climate                                           | 12   |  |
|                         |                   | Political Map of India                                        |      |  |
| July                    |                   | First Mid Term Assessment                                     |      |  |
| August -<br>September   | 5                 | Europe – Location and Physical Features (along with map work) | 40   |  |
|                         | 4                 | Energy and Power Resources                                    | 31   |  |
|                         |                   | REVISION                                                      |      |  |
| HALF-YEARLY EXAMINATION |                   |                                                               |      |  |

Please Note: The learners will also be tested on the previous knowledge of the political map of India in Half Yearly Examination

### Map Work

POLITICAL MAP (INDIA) States & Union Territories with Capitals

### **Europe Map**

Mountains and Plateaus: Scandinavian, Alps, Apennines, Pyrenees, Caucasus.

Rivers - Seine, Rhine, Rhone, Elbe, Volga, Dnieper, Danube, Thames.

Sea - Baltic, North Sea, Norwegian, Black Sea, Adriatic, White Sea, Sea of Azov, Irish.

Gulfs & Bays - Lions, Finland, Bothnia, Bay of Biscay

Straits & Channel - Strait of Otranto, Strait of Gibraltar, English Channel

Peninsula - Kola, Kanin, Iberian, Balkan

Places - Lisbon, Madrid, Paris, Rome, London, Oslo, Stockholm, Helsinki

### Genius is only an infinite capacity for taking pains. – Jane E. Hopkins

|                       | OCTOBER – MARCH |                                                               |    |  |  |
|-----------------------|-----------------|---------------------------------------------------------------|----|--|--|
| October –<br>November | 4               | Africa – Location and Physical Features (along with map work) | 32 |  |  |
|                       | 5               | Case Study: Cocoa Cultivation in Ghana                        | 42 |  |  |
| December              |                 | Second Mid Term Assessment                                    |    |  |  |
| December–<br>February | 2               | Weathering and Soil Formation                                 | 11 |  |  |
|                       | 1               | Representation of Geographical Features                       | 3  |  |  |
|                       | REVISION        |                                                               |    |  |  |
| ANNUAL EXAMINATION    |                 |                                                               |    |  |  |

### Map Work

POLITICAL MAP (INDIA) States & Union Territories with Capitals

### **Africa Map**

 $\textbf{Mountains and Plateaus -} \ \textbf{Drakensberg}, \ \textbf{Atlas}, \ \textbf{Ethiopian Highlands}, \ \textbf{Great Karoo}, \\$ 

Mt. Kilimanjaro, Mt. Kenya, Ahaggar Plateau, Bie Plateau

Rivers - Nile, Niger, Congo, Orange, Limpopo, Zambezi

Deserts - Sahara, Kalahari, Namib, Nubian

Seas and Lakes - Red Sea, Mediterranean Sea, Lake Victoria, Lake Tanganyika,

Lake Chad, Lake Nasser, Lake Malawi

Gulfs and Bays - Gulf of Guinea, Gulf of Gabes, Gulf of Sidra, Walvis Bay, St. Helena Bay

Straits and Channel - Bab-el-Mandeb, Strait of Gibraltar, Mozambique Channel

Places - Madagascar, Durban, Cairo, Tripoli, Accra, Cape of Good Hope, Luanda.

- Previous knowledge of the students may also be tested in the examination.
- The question paper shall include a fair mix of questions based on Knowledge, Application and Higher Order Thinking Skills (HOTS).
- The entire course from April to February will be tested in the Annual Examination (No Semester System).

### **MATHEMATICS**

Name of the Textbook: New Mathematics Today - Class 7: Term 1

and Term 2

Author: O. P. Malhotra, S. K. Gupta, Anubhuti Gangal

Publisher: S. Chand School

|                         | APRIL – SEPTEMBER  |                                       |          |  |  |
|-------------------------|--------------------|---------------------------------------|----------|--|--|
| Suggested<br>Month      | Chapter<br>Number  | Name of the Chapter                   | Page     |  |  |
|                         |                    | MATHS I                               |          |  |  |
| April-May               | 1                  | Integers (Exercises 1B, 1C)           | 9 (T1)   |  |  |
|                         |                    | (Exercise 1A to be taken as revision) |          |  |  |
|                         | 2                  | Fractions and Decimals                | 20 (T1)  |  |  |
|                         |                    | (excluding Exercises 2A, 2B, 2C)      |          |  |  |
| July                    | 3                  | Rational Numbers                      | 45 (T1)  |  |  |
|                         |                    | REVISION                              |          |  |  |
| July                    |                    | First Mid Term Assessment             |          |  |  |
| August                  | 5                  | Square Root and Cube Root             | 76 (T1)  |  |  |
|                         |                    | (Exercise 5A only)                    |          |  |  |
|                         | 6                  | Ratio and Proportion                  | 86 (T1)  |  |  |
|                         | 7                  | Unitary Method and Time and Work      | 98 (T1)  |  |  |
|                         |                    | (excluding Exercise 7B)               |          |  |  |
| September               |                    | REVISION                              |          |  |  |
|                         |                    | MATHS II                              |          |  |  |
| April-May               | 8                  | Algebraic Expressions                 | 108 (T1) |  |  |
|                         |                    | (excluding Exercises 8C, 8D, 8E)      |          |  |  |
|                         | 13                 | Basic Constructions*                  | 156 (T1) |  |  |
| July                    | 9                  | Linear Equations in One Variable      | 122 (T1) |  |  |
|                         | 10                 | Linear Inequalities                   | 133 (T1) |  |  |
|                         |                    | REVISION                              |          |  |  |
| July                    |                    | First Mid Term Assessment             |          |  |  |
| August                  | 11                 | Lines and Angles (to be taken as      | 138 (T1) |  |  |
|                         |                    | revision)                             |          |  |  |
|                         | 12                 | Parallel Lines                        | 147 (T1) |  |  |
| September               | September REVISION |                                       |          |  |  |
| HALF-YEARLY EXAMINATION |                    |                                       |          |  |  |

| OCTOBER - MARCH    |    |                                  |          |  |
|--------------------|----|----------------------------------|----------|--|
|                    |    | MATHS I                          |          |  |
| October            | 19 | Speed, Time and Distance         | 41 (T2)  |  |
| November           | 18 | Percentage and its Applications  | 18 (T2)  |  |
|                    |    | REVISION                         |          |  |
| December           |    | Second Mid Term Assessment       |          |  |
| December           | 4  | Exponents                        | 62 (T1)  |  |
|                    | 15 | Frequency Distribution and Mean  | 175 (T1) |  |
| January            | 16 | Graphical Representation of Data | 184 (T1) |  |
| February           | 17 | Sets                             | 9 (T2)   |  |
|                    |    | REVISION                         |          |  |
|                    |    | MATHS II                         |          |  |
| October            | 14 | Triangles                        | 158 (T1) |  |
| November           | 20 | Congruency of Triangles          | 48 (T2)  |  |
|                    |    | REVISION                         |          |  |
| December           |    | Second Mid Term Assessment       |          |  |
| December           | 24 | Perimeter and Area               | 96 (T2)  |  |
| January            | 23 | Representing 3D in 2D            | 84 (T2)  |  |
| February           |    | REVISION                         |          |  |
| ANNUAL EXAMINATION |    |                                  |          |  |

- Only two notebooks may be maintained, one each for Mathematics I and Mathematics II.
- \*Protractor may NOT be used for constructing the angles (30°, 60°, 90°, 45°, 15°, 120°, 150°, 75°, 135°, 105°, 22.5°) that can be drawn using a pair of compasses.
- All the concepts covered in the prescribed textbook may be tested in the Mid Term Assessments as well as in the Half-Yearly and Annual Examinations.
- Previous knowledge of the students may also be tested.

### **PHYSICS**

Name of the Textbook: Living Science Physics for Class VII

(Term 1 and Term 2)

Author: Rajen K. Agarwal Publisher: Ratna Sagar

|                         | APRIL – SEPTEMBER |                                     |                             |  |
|-------------------------|-------------------|-------------------------------------|-----------------------------|--|
| Suggested<br>Month      | Chapter<br>Number | Name of the Chapter                 | Term 1<br>Textbook<br>Pages |  |
| April-May               | 1                 | Physical quantities and Measurement | 03                          |  |
|                         | 2                 | Motion                              | 17                          |  |
| July                    | 2                 | Motion (Contd.)                     |                             |  |
|                         |                   | First Mid Term Assessment           |                             |  |
| July                    | 3                 | Energy                              | 34                          |  |
| August                  | 3                 | Energy (Contd.)                     |                             |  |
|                         | 4                 | Heat                                | 44                          |  |
| September               | 4                 | Heat (Contd.)                       |                             |  |
|                         |                   | REVISION                            |                             |  |
| HALF-YEARLY EXAMINATION |                   |                                     |                             |  |

|                       | OCTOBER - MARCH    |                                    |    |
|-----------------------|--------------------|------------------------------------|----|
| October -<br>November | 1                  | Light                              | 3  |
| December              |                    | Second Mid Term Assessment         |    |
| December              | 2                  | Sound                              | 17 |
| January               | 2                  | Sound (Contd.)                     |    |
|                       | 3                  | Electricity and Magnetism          | 30 |
| February              | 3                  | Electricity and Magnetism (Contd.) |    |
|                       |                    | REVISION                           |    |
|                       | ANNUAL EXAMINATION |                                    |    |

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### Note:

- 1. The guidelines and the latest edition of the textbooks should be followed.
- 2. All the activities prescribed by the Council for each chapter may be conducted in the class/laboratory while teaching the chapter.
- 3. Some evidence may be reflected in the notebooks of the learners and in teachers' lesson plans for the activities conducted.
- 4. Previous knowledge of the students may also be tested in the examination.
- 5. The entire course from April to February will be tested in the Annual Examination (No Semester System).

### **CHEMISTRY**

Name of the Textbook: Dr Dalal's New Simplified Middle School

Chemistry Class VII Term I, Term II

Author: Dr Viraf J. Dalal

Publisher: Allied Publishers Pvt. Ltd.

|                    | APRIL – SEPTEMBER |                                                                                                            |                             |  |
|--------------------|-------------------|------------------------------------------------------------------------------------------------------------|-----------------------------|--|
| Suggested<br>Month | Chapter<br>Number | Name of the Chapter                                                                                        | Term I<br>Textbook<br>Pages |  |
| April - May        | 3                 | Elements, Compounds and Mixtures                                                                           | 24                          |  |
|                    |                   | [Excluding ● page – 25: B –<br>Elements; 1. Term 2. Occurrence<br>3. Atom – A basic unit of an<br>element] |                             |  |
|                    |                   | page 27: 7. Arrangement of<br>elements in activity series of<br>metals                                     |                             |  |
|                    |                   | page 31: Formulas of chemical compounds]                                                                   |                             |  |
| July               |                   | First Mid Term Assessment                                                                                  |                             |  |
|                    | 2                 | Physical and Chemical Changes                                                                              | 12                          |  |

| August –  | 4 | Atomic Structure                                                                              | 48 |
|-----------|---|-----------------------------------------------------------------------------------------------|----|
| September |   | [Excluding ● page 50: Atom – 3.<br>Ancient views 4. Brief history of<br>discovery of the atom |    |
|           |   | page 57: Chemical equations<br>from chemical formulas]                                        |    |
|           |   | Revision                                                                                      |    |
| September |   | HALF-YEARLY EXAMINATION                                                                       |    |

| OCTOBER - MARCH       |                   |                                                                                                                                                                                                                                                       |                              |
|-----------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Suggested<br>Month    | Chapter<br>Number | Name of the Chapter                                                                                                                                                                                                                                   | Term II<br>Textbook<br>Pages |
| October –<br>November | 5                 | Language of Chemistry  > [Excluding • page 4: other examples • pages 7,8,9 &10: C. Conditions - necessary for a chemical reaction]  > No chemical equations required for the subtopic 'Characteristics of Chemical Reactions'.  (ONLY WORD EQUATIONS) | 1                            |
| December              |                   | Second Mid Term Assessment                                                                                                                                                                                                                            |                              |
| December –<br>January | 6                 | Metals and Non-metals [Excluding • page 23: 7. Activity series of metals]                                                                                                                                                                             | 19                           |

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| January – | 7 | Air and Atmosphere                | 36 |
|-----------|---|-----------------------------------|----|
| February  |   | [Excluding • pages 37: 3.         |    |
|           |   | Discovery of components of air 4. |    |
|           |   | Experimental evidence 5. Basic    |    |
|           |   | components of air                 |    |
|           |   | • pages 38, 40, 41 and 42:        |    |
|           |   | Component of air - Nitrogen,      |    |
|           |   | Carbon dioxide, Other             |    |
|           |   | components, An experimental       |    |
|           |   | study                             |    |
|           |   | • page 52: Mass change during     |    |
|           |   | burning]                          |    |
|           |   | REVISION                          |    |
|           |   | ANNUAL EXAMINATION                |    |

- 1. The guidelines and the latest edition of the textbooks should be followed.
- 2. All the activities prescribed by the Council for each chapter may be conducted in the class/laboratory while teaching the chapter.
- 3. Some evidence may be reflected in the notebooks of the learners and in teachers' lesson plans for the activities conducted.
- 4. The teacher may familiarise the learners with the coloured charts provided at the back of the textbook for diagram/picture based questions.
- 5. Previous knowledge of the students will also be tested in the examination.

### **BIOLOGY**

Name of the Textbook: Living Science Biology VII Term 1 and Term 2

Author: D K Rao Publisher: Ratna Sagar

| APRIL – SEPTEMBER       |                   |                                                                                         |                             |
|-------------------------|-------------------|-----------------------------------------------------------------------------------------|-----------------------------|
| Suggested<br>Month      | Chapter<br>Number | Name of the Chapter                                                                     | Term 1<br>Textbook<br>Pages |
| April - May             | 1                 | Plant Tissues (Excluding Subtopics:<br>Components of Xylem and Phloem<br>with diagrams) | 3                           |
|                         | 2                 | Animal Tissues (Excluding Subtopics: Kinds of Epithelial tissues)                       | 13                          |
| July                    | 2                 | Animal Tissues (Contd.)                                                                 |                             |
|                         |                   | First Mid Term Assessment                                                               |                             |
| July                    | 3                 | Classification of Animals                                                               | 25                          |
| August                  | 3                 | Classification of Animals (Contd.)                                                      |                             |
|                         | 4                 | Allergy (Excluding subtopic – Some Common Allergies)                                    | 43                          |
| September               | 4                 | Allergy (Contd.)                                                                        |                             |
|                         |                   | REVISION                                                                                |                             |
| HALF-YEARLY EXAMINATION |                   |                                                                                         |                             |

|          | Term 2<br>Textbook<br>Pages |                            |   |  |
|----------|-----------------------------|----------------------------|---|--|
| October  | 1                           | Photosynthesis             | 3 |  |
| November | 1                           | 1 Photosynthesis (Contd.)  |   |  |
|          | 3 Respiration in Plants     |                            |   |  |
| December |                             | Second Mid Term Assessment |   |  |

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| December | 2 | Classification of the Living World (Excluding Subtopics: Systems of Classification(artificial and natural), Draw backs of the two-kingdom classification Scientific names of disease causing bacteria – X.oryzae and X. malvacearum Scientific names of disease causing bacteria - Diphtheria, botulism, pneumonia Type Study: Moulds (Names of the diseases will be taught) Classification of plants  Based on presence and absence of vascular tissues Based on nature of producing flowers or seeds Monocotyledons, dicotyledons, herbs, shrubs and trees)  Classification of the Living World | 12 |
|----------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| January  | _ | (Contd.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |
|          | 4 | Excretory System in Humans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 42 |
| February | 4 | Excretory System in Humans (Contd.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |
|          |   | REVISION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |
|          |   | ANNUAL EXAMINATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |

- 1. The guidelines and the latest edition of the textbooks should be followed.
- 2. All the activities prescribed by the Council for each chapter may be conducted in the class/laboratory while teaching the chapter.
- 3. Some evidence may be reflected in the notebooks of the learners and in teachers' lesson plans for the activities conducted.
- 4. Previous knowledge of the students may also be tested in the examination.
- 5. The topic of the Unit Project will also be tested in the examination.
- 6. The entire course from April to February will be tested in the Annual Examination (No Semester System).

| UNIT PROJECT |                |
|--------------|----------------|
| Month        | Topic          |
| May - July   | Animal Tissues |

# COMPUTATIONAL THINKING & INFORMATION AND COMMUNICATION TECHNOLOGY (CT & ICT)

Name of the Textbook: Tekie Accelerate

Publisher: UOLO Ed Tech Pvt. Ltd.

| APRIL - SEPTEMBER (TERM I BOOK) |                   |                                                                                                                                                 |      |
|---------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Suggested<br>Month              | Chapter<br>Number | Name of the Chapter                                                                                                                             | Page |
| April – May                     | 1                 | Computer Hardware                                                                                                                               | 1    |
|                                 | 2                 | Number Systems (including Introduction to Number Systems, Converting numbers from Decimal number system to Binary number system and vice versa) | 19   |
| July                            | 4                 | Introduction to Spreadsheets                                                                                                                    | 53   |
|                                 |                   | FIRST MID TERM ASSESSMENT                                                                                                                       |      |
| August                          | 5                 | Introduction to Web Development (excluding CSS)                                                                                                 | 70   |
| September                       | 3                 | Ethics & Safety Measures                                                                                                                        | 36   |
|                                 |                   | REVISION                                                                                                                                        |      |
| HALF-YEARLY EXAMINATION         |                   |                                                                                                                                                 |      |

| OCTOBER - MARCH (TERM II BOOK) |                            |                                               |     |
|--------------------------------|----------------------------|-----------------------------------------------|-----|
| October                        | 2                          | Editing & Formatting Data using Google Sheets | 17  |
| November                       | 6                          | Images & Hyperlinks in HTML (excluding CSS)   | 106 |
| December                       | SECOND MID TERM ASSESSMENT |                                               |     |
|                                | 7                          | Lists and Tables in HTML                      | 123 |
| January                        |                            | Lists and Tables in HTML (continued)          | -   |
|                                | 1                          | Computer Virus                                | 1   |
| February                       | 5                          | AI – Natural Language Processing              | 92  |
|                                |                            | ANNUAL EXAMINATION                            |     |

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|      |         | Internal Project Work |    |
|------|---------|-----------------------|----|
| June | 4       | Animations with CANVA | 69 |
|      | TERM II |                       |    |
|      | BOOK    |                       |    |

Note: Semester system will NOT be followed.

### Note:

- 1. The question paper in the Half-yearly and Annual Examination will be of 50 marks and shall include questions based on Knowledge, Application and Higher Order Thinking Skills (HOTS).
- 2. Previous knowledge of the students may also be tested in the examination.
- 3. Exercises are to be done in the Textbooks.
- 4. Written work in the notebooks may be covered in the form of Competency / Programming based questions and Formative assessments.

80 Marks

BREAK-UP OF MARKS

Half Yearly / Annual Examination = 50 Marks

= 30 Marks (Practical + Viva)

Mid-Term Assessment I /

Total

Mid-Term Assessment II = 40 / 2 = <u>20 Marks</u>

Grand Total = <u>100 Marks</u>

40

### **ART**

Name of the Textbook: It's Time to Learn

Author: R N Malhotra

Publisher: Eupheus Learning

| APRIL – SEPTEMBER       |                                                   |  |
|-------------------------|---------------------------------------------------|--|
| Pages                   | 4,5,6,8,10,11,13,15,16,18,19,20,28,30,35          |  |
| Holiday<br>Homework     | 2 paper cards (Birthday) Revision of Page 4 and 5 |  |
| HALF-YEARLY EXAMINATION |                                                   |  |

| OCTOBER – MARCH     |                                                 |  |
|---------------------|-------------------------------------------------|--|
| Pages               | 38,40,41,42,46,48,49,51,53,54,56,58,60,61,62,64 |  |
| Holiday<br>Homework | Worksheet 1 Worksheet 2                         |  |
| ANNUAL EXAMINATION  |                                                 |  |

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