

City Montessori School, Lucknow

Syllabus 2024–2025

Class VII

S.No.	Subject	Page Number
1.	Junior Youth Empowerment Programme (JYEP)	5
2.	English Language	7
3.	English Literature	13
4.	Hindi	18
5.	Sanskrit	24
6.	History and Civics	26
7.	Geography	27
8.	Mathematics	29
9.	Physics	31
10.	Chemistry	32
11.	Biology	35
12.	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.

3. To develop in them the attitude of open mindedness, to appreciate and be ready to accept others and to act constructively not defensively.
4. To develop the skill of striving not only for good but to handle the conflicting situations without demeaning self and others.
5. 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.
3. 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.
6. 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.
2. 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):

1. 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.
4. To develop an elegant cursive handwriting.

CLASS VII

HINDI:

1. To impart the knowledge of the structure of the language.
2. 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.
4. 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.
2. 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.
7. 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.
11. To impart training in scientific method and develop a scientific attitude and aptitude.

HISTORY / CIVICS:

1. 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.
3. 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.

GEOGRAPHY:

1. 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.
3. To develop the ideals of world citizenship, universal brotherhood, co-operation among human beings and sympathetic attitude towards others.
4. To help in adjustment of human life in accordance with the geographical circumstances.
5. 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.
2. 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.
5. To develop the ability to solve problems using both structured and modular approach.
6. To create an awareness of ethical issues related to computing.
7. To appreciate the implications of computer use in contemporary society.
8. 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 Month	Chapter 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
	X	It is not always easy to make choices about the direction of our lives	37-40
September	XI	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

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 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	

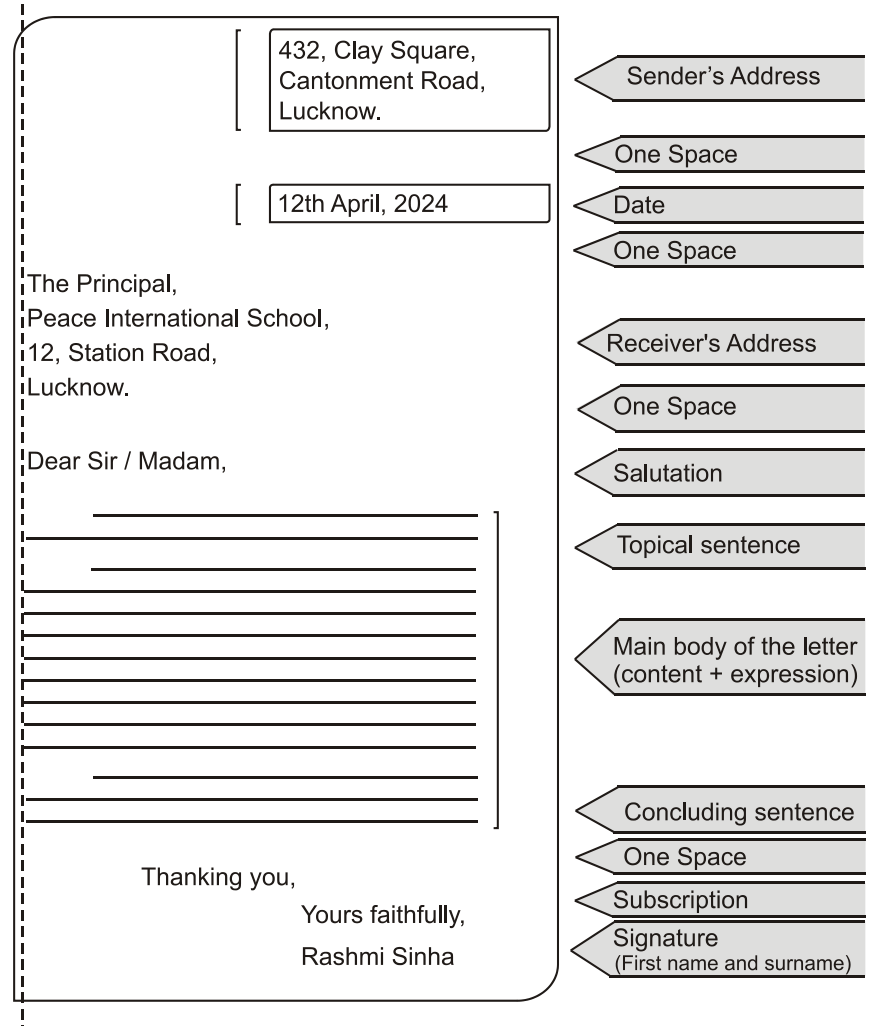
OCTOBER – MARCH	
October – November	Synonyms and Antonyms (Integrated with Comprehension)
	Active and Passive Voice
	Homonyms (Integrated with Comprehension)
	Essay: Story Writing (250 – 300 words)
	Homophones (Integrated with Comprehension)
	Notice
	One Word Substitution (Integrated with Comprehension)
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	

CLASS VII

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’.**
 - ONLY Sir / Madam to be written in salutation. Use of ‘Dear’ should be omitted.**
 - 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.

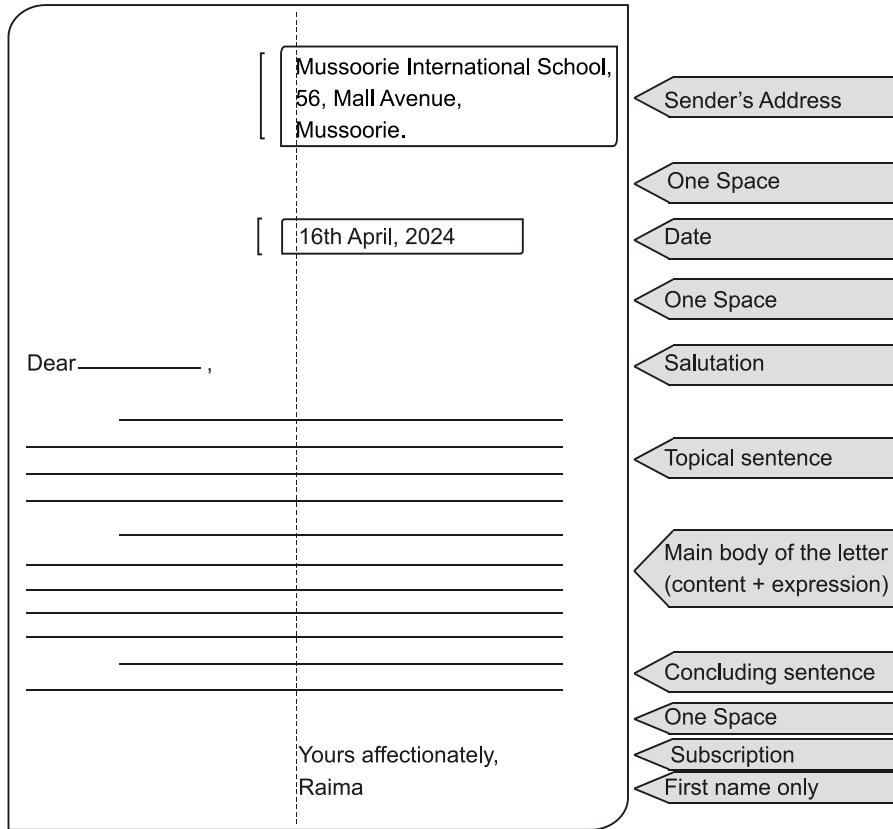
Format of a Formal Letter



Please note:

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

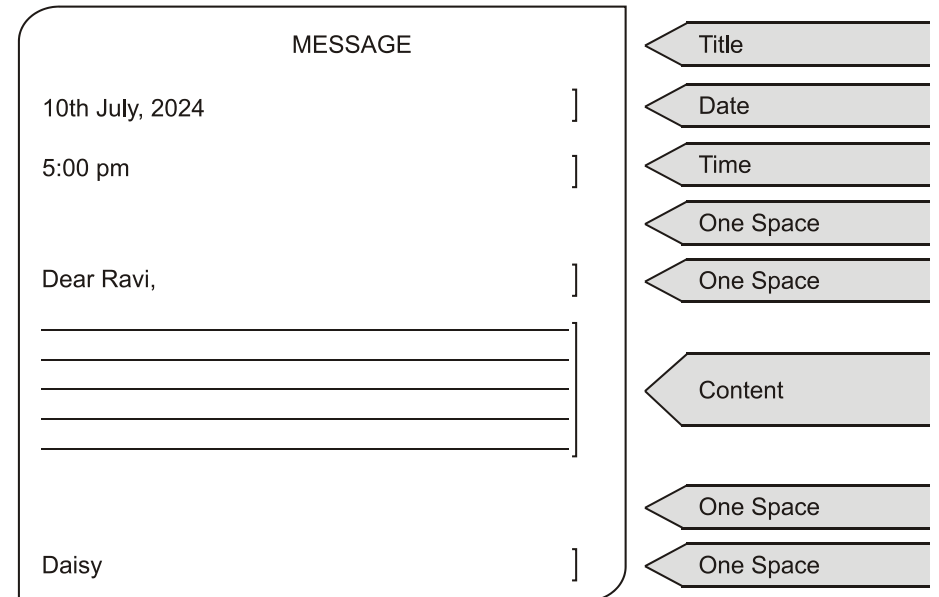
Format of an Informal letter



Please note:

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

FORMAT OF A MESSAGE



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 8th 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 1st December 2024

ENGLISH LITERATURE

Name of the Textbook: 1. New Mulberry English Coursebook – 7 (Term I & Term II)
 2. Ranthambore Adventure
Author: 1. Ashima Bhat, Saswati Dasgupta
 2. Deepak Dalal
Publisher: 1. Oxford University Press
 2. Penguin Random House

Suggested Month	Chapter Number	Name of the Chapter	Genre	Theme	Skill Development	Language Integration (Reference Pages from Coursebook, Workbook & Writing Topics)	Reflective Development
APRIL – SEPTEMBER (First Term)							
	Chapter 1 (Term I)	The Three Questions (Short Story)	Philosophical Fiction	Humility and Compassion, Self Reflection for Personal Growth	Interfacing, Discussion and Debate, Character Analysis, Moral and Critical Reasoning, Empathy and Perspective Development	<ul style="list-style-type: none"> Adjectives Coursebook Term I: Pg 36 - Fx 1 Term II: Pg 17 & 18 - Fx 1, 2 Workbook: Pg 48 & 49 - Fx 6, 7 Pg 90 - Fx 5 Acverbs Coursebook Term I: Pg 81 & 82 - Ex 1, 2 Workbook: Pg 41 & 42 Ex 4, 5 Pg 59 Ex 5 Idioms Coursebook Term II: Pg 57 & 58 - Ex 1, 2 Descriptive Essay 	Which all qualities would you like to develop in yourself to be successful in life?
April-May	(Term I)	In the Bazaars of Hyderabad (Poem)	Folklore, Cultural richness, Indian Society	Imagination, Cultural Understanding, Observation and Literary Appreciation	<ul style="list-style-type: none"> How does the vibrant atmosphere of the Indian markets add flavour to our festivals i.e., Holi and Diwali? 		

						<ul style="list-style-type: none"> Comprehension (Workbook) Message Writing Propositions Coursebook Term II: Pg 18 - Ex 2, 3 Workbook: Pg 49 - Ex 7 	
July	Chapter 4 (Term I)	Uncle Pongor Leaves for Work	Humorous	Importance of planning and punctuality	Appreciating situational comedy, Adopting a methodical approach to life	<ul style="list-style-type: none"> Verbs Conjunctions Coursebook Term II: Pg 31 & 32 - Fx 1, 2 Workbook: 53 & 54 - Fx 4, 5 Tenses (Only Present) Picture Composition Coursebook Term I: Pg 62 - Ex 1 Term II: Pg 19 & 20 Formal Letter Writing Coursebook Term II: Pg 78 - Ex 1 	Considering Uncle Pongor's character and his habit of turning simple tasks into chaotic endeavours, how can individuals apply the lessons learned from his experiences to their personal development?
REVISION							
FIRST MID TERM ASSESSMENT							

August	Chapter 3 (Term I)	Suvara (Poem)	Short Story/ Contemporary Fiction	Power of Friendship and Unity, Appreciating the true spirit of sportsmanship	Collaboration and Teamwork, Physical and Mental Strength	<ul style="list-style-type: none"> • Tenses: (Past and Future) Coursebook Term I: Pg 49 & 50 - Ex 1, 2 Workbook: Pg 20 & 21 Ex 8, 9, 10 • Reorganized Speech Coursebook Term II: Pg 42 to 48 - Ex 1, 2, 3 Workbook: Pg 86 to 88 Ex 6, 7 • Informal letter Writing 	<p>What extra curricular activities or sports do you like to indulge in? Reflect on a few activities that you would want to learn and why?</p> <p>How does Tagore's description of the palm tree make you think about the qualities that help people stay strong during tough times?</p>
September	Chapter 6 (Term I)	Achilles (Poem)	Autobiographical account	Love and affection for animals	Empathy, Character Analysis, Pronunciation (Syllabic stress in verbs), Inferencing	<ul style="list-style-type: none"> • Comparison (Workbook) 	<p>How does the lesson 'Achilles' teach you the importance of co-existence to enrich our world?</p>
Ranthambore Adventure (Page 3 - 113)							
HALF YEARLY EXAMINATION							
OCTOBER – MARCH (Second Term)							
October - November	Chapter 4 (Term II)	Settling into the Secret Annex	Historical / Autobiographical account	Resilience & Hope	Empathizing with homeless people, Facing adverse situations with courage	<ul style="list-style-type: none"> • 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 	<p>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?</p> <p>How can you use this poem as a source of inspiration for your own personal growth?</p>
	Chapter 3 (Term II)	If (Poem)	Didactic Poem	Resilience, Self-reliance, Balance in life.	Development of Character Traits (Honesty, Persistence,		

				Perseverance	Perseverance, Empathy, Time Management, Equality, Being honest and patient with others and oneself		
December	Chapter 3 (Term II)	The Blue Umbrella	Children's Literature / Young Adults Fiction	Beauty of finding joy in simple things	Resilience, Adaptability, Optimism	<ul style="list-style-type: none"> • Comparison (Workbook) 	<p>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.</p>
REVISION							
SECOND MID TERM ASSESSMENT							
Ranthambore Adventure (Oral) (Page 114 - 220)							
January	Chapter 5 (Term II)	The MCC	Humorous Literature	Childhood and Friendship, Overcoming Challenges	Teamwork and Collaboration, Passion and Perseverance, Organizational skills	<ul style="list-style-type: none"> • Phrases and Clauses Coursebook Term II: Pg 75 Ex 1, 2 Workbook: Pg 54 Ex 5, Pg 78 & 79 Ex 7, 8, 9 	<p>Which is your favourite sport? What will you do to build a team? Which skills are essential to become an effective captain of the team?</p> <p>The poem shows that with the passage of time change becomes inevitable. Reflect</p>
	Chapter 5 (Term II)	Geography Lesson (Poem)	Reflective / Narrative Poem	Travel and Adventure	Empathy and Perspective Development		

Cultural and Geographical Awareness	<p>on what are you looking forward to as you grow older and what are your apprehensions about it.</p> <p style="text-align: center;">OR</p> <p>Share any one of your hobbies. How do you plan to devote time to nurture it along with your regular studies / busy schedule?</p>
REVISION	<p>• Comprehension (Workbook)</p>
February	ANNUAL EXAMINATION

Note:

- Kindly note that the students shall be tested on the entire course in English literature in their Annual Examination
- 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.
- Reflective Development questions should be reflected in the Literature notebooks.
- Figures of Speech to be taught for the prescribed poems as students will be tested on the same in the written paper.
- 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 question paper will be of 80 marks and shall include questions based on Knowledge, Application and Higher Order Thinking Skills (HOTS).
- The book prescribed for oral assessment may be divided into two parts for the two terms.

हिंदी भाषा

Name of Textbook : बाल हिंदी व्याकरण तथा रचना
Author : श्रीमती राज अग्रवाल
Publication : गोयल ब्रदर्स प्रकाशन

APRIL – SEPTEMBER (FIRST TERM)			
Suggested Month	Chapter Number	Name of the Chapter	Page
April - May		पर्यायवाची शब्द – (नवभारती) अश्व, मस्तक, अरि, रण, हालात, जल, युक्ति, 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	
		निबन्ध: वर्णनात्मक	
	24	अनेक शब्दों के लिए एक शब्द (अच्छे आचरण 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	
		सुखियाँ	
		पत्र – 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	

अनौपचारिक पत्र (प्राथम्य काउन्सिल के अनुरूप)

12. रा. विहार,
गौरी पथ,
पार्क,
नूतन (विनलोक)

28 मार्च, 2018

एक/द्वय,
सोम नरकर।

नहीं रही

तभी बड़ा तो

शुक्र/सोम
ना

हिंदी साहित्य

Name of Textbook : 1. नवभारती Author: 1. डॉ0 भारती पांडे
2. ऐसे थे हमारे पूर्वज 1. कृष्ण गोपाल आबिद
Publication : 1. कारडोवा
2. न्यूमैन पब्लिकेशन्स

APRIL – SEPTEMBER (FIRST TERM)			
Suggested Month	Chapter 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 – September		नवभारती (पाठ्यपुस्तक)	
	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- November		नवभारती (पाठ्यपुस्तक)	
	10	डिजिटल इंडिया	68
	15	निराली दीवाली	95
		ऐसे थे हमारे पूर्वज	
	1	महात्मा गाँधी	5
December		Second Mid Term Assessment	

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

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।

SANSKRIT

Name of Textbook : संस्कृत ज्ञानोदय – भाग-2
 Author : डा0 अशोक शर्मा
 Publication : जवाहर पब्लिकेशन्स

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

OCTOBER – MARCH (SECOND TERM)		
Suggested Month	Chapter Number	Name of the Chapter
October	27	दयालु व्याघ्र:
November	28	सूक्तय:
December	29	सुभाषितानि
January		दो श्लोक
		शब्द रूप – शिशु
February		पुनरावृत्ति

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

नीतिश्लोकाः

1. ददाति प्रतिगृह्णाति गुह्यमाख्याति पृच्छति ।
भुङ्क्ते भोजयते चैव षड्विधं प्रीतिलक्षणम् ॥
2. यो ध्रुवाणी परित्यज्य, अध्रुवं परिशेवते ।
ध्रुवाणि तस्य नश्यन्ति, अध्रुवं न तमेव च ॥
3. दृष्टिपूतं न्यसेत् पादं, वस्त्रपूतं जलं पिवेत् ।
शास्त्रपूतं वदेद् वाक्यं, मनः पूतं समाचरेत् ॥
4. कावयः किं न पश्यन्ति किं न कुर्वन्ति दुर्जनाः ।
मद्यापाः किं न जल्पन्ति, किं न खादन्ति वायसाः ॥
5. गुणो भूषयते रूपं, शीलं भूषयते कुलम् ।
सिद्धिर्भूषयते विद्यां, भोगो भूषयते धनम् ॥
6. धनिकः श्रोत्रियो राजा, नदी वैद्यस्तु पंचमः ।
पंच यत्र न विद्यन्ते, न तत्र दिवसं वसेत् ॥
7. यस्मिन् देशे न सम्मानो, न वृत्तिः न च बान्धवाः ।
न च विद्यागमः कश्चित्, तंशेषं परिवर्जयेत् ॥
8. शान्तितुल्यं तपो नास्ति, न सन्तोषात्परं सुखम् ।
न तृणायाः परो व्याधिः, न च धर्मो दयापरः ॥
9. पविना च विभुः विभुना च कविः ।
कविना विभुना च विभाति सभा ॥
10. 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 Month	Chapter 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 – 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	Topic
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 Month	Chapter 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 - 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

OCTOBER – MARCH			
October – 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–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

Mountains and Plateaus - Drakensberg, Atlas, Ethiopian Highlands, 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.

Note:

- **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 Month	Chapter Number	Name of the Chapter	Page
MATHS I			
April-May	1	Integers (Exercises 1B, 1C) (Exercise 1A to be taken as revision)	9 (T1)
	2	Fractions and Decimals (excluding Exercises 2A, 2B, 2C)	20 (T1)
July	3	Rational Numbers	45 (T1)
REVISION			
July	First Mid Term Assessment		
August	5	Square Root and Cube Root (Exercise 5A only)	76 (T1)
	6	Ratio and Proportion	86 (T1)
	7	Unitary Method and Time and Work (excluding Exercise 7B)	98 (T1)
September	REVISION		
MATHS II			
April-May	8	Algebraic Expressions (excluding Exercises 8C, 8D, 8E)	108 (T1)
	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 revision)	138 (T1)
	12	Parallel Lines	147 (T1)
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			

Note:

- 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 Month	Chapter Number	Name of the Chapter	Term 1 Textbook 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			Term 2 Textbook Pages
October - 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			

Note:

- The guidelines and the latest edition of the textbooks should be followed.
- All the activities prescribed by the Council for each chapter may be conducted in the class/laboratory while teaching the chapter.
- Some evidence may be reflected in the notebooks of the learners and in teachers' lesson plans for the activities conducted.
- Previous knowledge of the students may also be tested in the examination.
- 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 Month	Chapter Number	Name of the Chapter	Term I Textbook Pages
April - May	3	Elements, Compounds and Mixtures [Excluding • page – 25: B – Elements; 1. Term 2. Occurrence 3. Atom – A basic unit of an element] • page 27: 7. Arrangement of elements in activity series of metals • page 31: Formulas of chemical compounds]	24
July		First Mid Term Assessment	
	2	Physical and Chemical Changes	12

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

CLASS VII

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

OCTOBER – MARCH

Suggested Month	Chapter Number	Name of the Chapter	Term II Textbook Pages
October – 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 – January	6	Metals and Non-metals [Excluding • page 23: 7. Activity series of metals]	19

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

January – February	7	Air and Atmosphere [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]	36
		REVISION	
ANNUAL EXAMINATION			

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. 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 Month	Chapter Number	Name of the Chapter	Term 1 Textbook Pages
April - May	1	Plant Tissues (Excluding Subtopics: Components of Xylem and Phloem 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			

OCTOBER – MARCH			Term 2 Textbook Pages
October	1	Photosynthesis	3
November	1	Photosynthesis (Contd.)	
	3	Respiration in Plants	31
December	Second Mid Term Assessment		

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 – <i>X.oryzae</i> and <i>X. malvacearum</i> Scientific names of disease causing bacteria - Diphtheria, botulism, pneumonia Type Study: Moulds (Names of the diseases will be taught) Classification of plants <ul style="list-style-type: none"> Based on presence and absence of vascular tissues Based on nature of producing flowers or seeds Monocotyledons, dicotyledons, herbs, shrubs and trees) 	12
January	2	Classification of the Living World (Contd.)	
	4	Excretory System in Humans	42
February	4	Excretory System in Humans (Contd.)	
REVISION			
ANNUAL EXAMINATION			

Note:

- The guidelines and the latest edition of the textbooks should be followed.
- All the activities prescribed by the Council for each chapter may be conducted in the class/laboratory while teaching the chapter.
- Some evidence may be reflected in the notebooks of the learners and in teachers' lesson plans for the activities conducted.
- Previous knowledge of the students may also be tested in the examination.
- The topic of the Unit Project will also be tested in the examination.
- 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 Month	Chapter 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)			
Suggested Month	Chapter Number	Name of the Chapter	Page
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			

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

Note: Semester system will NOT be followed.

Note:

- 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).
- Previous knowledge of the students may also be tested in the examination.
- Exercises are to be done in the Textbooks.
- Written work in the notebooks may be covered in the form of Competency / Programming based questions and Formative assessments.

BREAK-UP OF MARKS	
Half Yearly / Annual Examination	= 50 Marks
	= <u>30 Marks</u> (Practical + Viva)
Total	= <u>80 Marks</u>
Mid-Term Assessment I /	
Mid-Term Assessment II = 40 / 2	= <u>20 Marks</u>
Grand Total	= <u>100 Marks</u>

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 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 Homework	Worksheet 1 Worksheet 2
ANNUAL EXAMINATION	