

ENGLISH LANGUAGE AND LITERATURE (Code No. 184)

Syllabus Class- IX (2023-24)

Sections		Weightage
A	Reading Skills (40 periods)	20 marks
B	Writing Skills with Grammar (40 periods)	20 marks
C	Literature Textbooks and Supplementary Reading Text (50 periods)	40 marks

Section – A Reading Skills

I. Reading Comprehension through Unseen Passage **20 Marks**

1. Discursive passage of 400-450 words. (10 marks)
2. Case-based passage (with visual input-statistical data, chart etc.) of 200-250 words. (10 marks)

(Total length of two passages to be 600-700 words)

Multiple choice Questions/ Objective Type Questions will be asked to assess inference, analysis, interpretation evaluation and vocabulary.

Section- B

II. Grammar **10 Marks**

- Determiners
 - Tenses
 - Modals
 - Subject – verb concord
 - Reported Speech
 - Commands and requests
 - Statements
 - Questions
3. The courses at the secondary level seek to cement high professional grasp of grammatical items and levels of accuracy. Accurate use of spelling, punctuation and grammar will be assessed through Gap Filling/ Editing/ Transformation exercise. Ten out of 12 questions will be attempted.

III. Creative Writing Skills **10 Marks**

The section will have short as well as long writing tasks including compositions.

4. Writing a Descriptive Paragraph (word limit 100-120 words) on a person/ event/situation based on visual or verbal cue/s. One out of two questions is to be answered. **5 marks**
5. Writing a Diary Entry/ Story on a given title in 100-120 words. One out of two questions is to be answered. **5 marks**

Section - C

IV. Reference to the context

40 Marks

6. One extract out of two from Drama / Prose.

7. One extract out of two from poetry.

(5+5=10 Marks)

Multiple Choice Questions/ Objective Type Questions will be asked to assess inference, analysis, interpretation, evaluation and vocabulary.

V. Short & Long Answer Questions

8. Four out of three Short Answer Type Questions to be answered in 40-50 words from the book BEEHIVE. (4 x 3=12 marks)

9. Three out of Two Short Answer Type Questions to be answered in 40-50 words from the book Moments. (3 x 2 =6 marks)

10. One out of two Long Answer Type Questions from BEEHIVE to be answered in about 100-120 words to assess creativity, imagination and extrapolation beyond the text and across the texts. This can also be a passage - based question taken from a situation/ Plot from the texts.

(6 marks)

11. One out of two Long Answer Type Questions from MOMENTS on theme or plot involving interpretation, extrapolation beyond the text and inference or character sketch to be answered in about 100-120 words.

(6 marks)

DETAILED SYLLABUS

Periodic Test -1 (40 Marks) Time:1hr 30mins	Periodic Test- 2 (80 Marks) Time :3hrs	Periodic Test- 3 (40 Marks) Time : 1 hr 30 minutes	Annual Examination (80 Marks) Time: 3 Hours
<u>Literature Reader</u> (BEEHIVE)	<u>Literature Reader</u> (BEEHIVE)	<u>Literature Reader</u> (BEEHIVE)	
<u>Literature Reader</u>	<u>Literature Reader</u>	<u>Literature Reader</u>	
<p style="text-align: center;"><u>PROSE</u></p> <ol style="list-style-type: none"> 1. The Fun They Had 2. The Sound of Music 3. The Little Girl <p style="text-align: center;"><u>POETRY</u></p> <ol style="list-style-type: none"> 1. The Road Not Taken 2. Wind 	<p style="text-align: center;"><u>PROSE</u></p> <ol style="list-style-type: none"> 1. The Fun They Had 2. The Sound of Music 3. The Little Girl 4. A Truly Beautiful Mind 5. The Snake and the Mirror <p style="text-align: center;"><u>POETRY</u></p> <ol style="list-style-type: none"> 1. The Road Not Taken 2. Wind 3. Rain on the Roof 4. The Lake Isle of Innisfree 	<p style="text-align: center;"><u>PROSE</u></p> <ol style="list-style-type: none"> 4. A Truly Beautiful Mind 5. The Snake and the Mirror 6. My Childhood 7. Reach for the Top <p style="text-align: center;"><u>POETRY</u></p> <ol style="list-style-type: none"> 4. The Lake Isle of Innisfree 5. A Legend of the Northland 6. No Men are Foreign 	<p style="text-align: center;"><u>PROSE</u></p> <ol style="list-style-type: none"> 1. The Fun They Had 2. The Sound of Music 3. The Little Girl 4. A Truly Beautiful Mind 5. The Snake and the Mirror 6. My Childhood 7. Reach for the Top 8. Kathmandu 9. If I Were You. <p style="text-align: center;"><u>POETRY</u></p> <ol style="list-style-type: none"> 1. The Road Not Taken 2. Wind 3. Rain on the Roof 4. The Lake Isle of Innisfree 5. A Legend of the Northland 6. No Men are Foreign 7. On Killing a Tree 8. A Slumber Did My Spirit Seal

Supplementary Reader (Moments)	Supplementary Reader (Moments)	Supplementary Reader (Moments)	Supplementary Reader (Moments)
1. The Lost Child 2. The Adventures of Toto 3. Iswaran The Story Teller	1. The Lost Child 2. The Adventures of Toto 3. Iswaran The Story Teller 4. In the Kingdom of Fools.	3. Iswaran The Story 4. In the Kingdom of Fools. 5. The Happy Prince 6. The Last Leaf	1. The Lost Child 2. The Adventures of Toto 3. Iswaran The Story 4. In the Kingdom of Fools. 5. The Happy Prince 6. The Last Leaf 7. A House is not a Home. 8. The Beggar.

<u>Words & Expressions 1</u>	<u>Words & Expressions 1</u>	<u>Words & Expressions 1</u>	
Unit 1- 3	Unit – 4 to 6	Unit – 7 to 11	All

**Section wise Mark Distribution
For periodic Test 1 & 3 (40 marks)**

Section A: Reading (10 marks)

Question 1:

This Section will have two unseen passages (Discursive/ Case-based) Anyone to be written with 8 MCQs / Objective type questions.

Section - B (Writing and grammar: 10 marks)

Q2. Gap filling to test tenses and modals

(3 marks)

Q3. Editing/ Transformation

(2 marks)

Q4. Write an Descriptive Paragraph/ Diary entry (100-120 words), describing a person/event/ situation based on visual or verbal cue/s. (One out of two questions to be answered)

(5 Marks)

Section C : Literature Text Book (20 marks)

Q5. One extract from poetry for reference to the context. Two Multiple Choice Questions and two objective type questions will be asked to assess inference, analysis and interpretation.

(4 marks)

Q6. Two Short Answers (SA) type question from the book, Beehive & Moments to test local and global comprehension (40-50 words)

(4 marks)

Q7. Two long answers (L.A.) Beehive & Moments (100-120 words to assess creativity and imagination)

(6+6=12 marks)

**Section wise distribution of
Periodic test- II and Final examination**

Section-A

Reading Skills

Reading Comprehension through Unseen Passage

20 marks

I. Discursive passage of 400-450 words.

(10 marks)

Case- based passage (with visual input- statistical data, chart etc.) of 200-250 words. (10 marks)

(Total length of two passages to be 600-700 words)

Multiple Choice Questions/ Objective Type Questions will be asked to assess inference, analysis, interpretation, evaluation and vocabulary.

Section- B

II. Grammar

10 Marks

- Determiners
- Tenses
- Modals
- Subject – Verb Concord
- Reported Speech
 - Commands and requests
 - Statements
 - Questions

The courses at the secondary level seek to cement high professional grasp of grammatical items and levels of accuracy. Accurate use of spelling, punctuation and grammar in context will be assessed through Gap Filling/ Editing/Transformation exercises. Ten out of twelve Questions will have to be attempted.

III. Creative Writing Skills

10 marks

This section will have short as well as long writing tasks.

- I. Writing a Descriptive paragraph (100-120 words) describing a person/ event/ situation, based on visual or verbal cue/s. One out of two to be answered. **5 marks**
- II. Write an Descriptive Paragraph/ Diary entry (100-120 words), describing a person/event/ situation based on visual or verbal cue/s. (One out of two questions to be answered) **5 marks**

Section- C (Literature Section)

40 Marks

IV. One extract out of two from Drama / Prose.

II. One extract out of two from poetry.

(5+5 = 10 Marks)

Multiple Choice Questions / Objective Type Questions will be asked to assess inference, analysis, interpretation, evaluation and vocabulary.

V. Short & Very Long Answer Questions

- I. Four out of Five Short Answer Type Questions to be answered in 40-50 words from the book BEEHIVE. **4x3=12 marks**
- II. Two out of Three Short Answer Type Questions to be answered in 40-50 words each from MOMENTS. **2x3=6 marks**
- VI. One out of two Long Answer Type Questions from BEEHIVE to be answered in about 100-120 words each to assess creativity, imagination and extrapolation beyond the text and across the texts. This can be a passage-based question taken from a situation/plot from the texts. **6 marks**
- VII. One out of two Long Answer Type Questions from MOMENTS on theme or plot involving interpretation, extrapolation beyond the text and inference or character sketch to be answered in about 100-120 words. **6 marks**

INTERNAL ASSESSMENT

Listening and Speaking Competencies

Assessment of Listening and Speaking Skill will be for 05 marks

It is recommended that listening and speaking skills should be regularly practiced.

Art-integrated projects based on activities like Role Play, Skit Dramatization etc. Must be used. Please refer to the Circular no. Acad-33/2020 date 14th May 2020.

Syllabus - 2023-24
STD- IX
HINDI

Periodic Test -1 (40 Marks)	Periodic Test -2 (80 Marks)
खंड - क :- अपठित बोध	खंड - क :- अपठित बोध
अपठित गद्यांश	अपठित गद्यांश
खंड - ख :- व्याकरण	खंड - ख :- व्यावहारिक व्याकरण
पाठ-१ शब्द और पद पाठ-२ अनुस्वार, अनुनासिक	पाठ-१ शब्द और पद पाठ-२ अनुस्वार, अनुनासिक पाठ-३ उपसर्ग और प्रत्यय
खंड - ग :- स्पर्श पाठ्यपुस्तक से	खंड - ग :- स्पर्श पाठ्यपुस्तक से
(गद्यखंड)	(गद्यखंड)
पाठ-१ दुःख का अधिकार पाठ-२ एवरेस्ट : मेरी शिखर यात्रा	पाठ-१ दुःख का अधिकार पाठ-२ एवरेस्ट : मेरी शिखर यात्रा पाठ-३ तुम कब जाओगे अतिथि
(पद्यखंड)	(पद्यखंड)
पाठ-७- रैदास – अब कैसे छुटे रामनाम	पाठ-७ –रैदास – अब कैसे छुटे रामनाम पाठ-८ –रहीम - दोहे पाठ-९ –आदमीनामा–नजिर अकबराबादी (पढने हेतु) पाठ -११ – गीत - अगीत
(संचयन)	(संचयन)
पाठ-१ –गिल्लू	पाठ-१ –गिल्लू पाठ-२- स्मृति
खंड - घ :- रचनात्मकलेखन	खंड - घ :- रचनात्मकलेखन
१. अनुच्छेद लेखन (८० से १०० शब्दों में) २. संवाद लेखन (५० से ६० शब्दों में)	१. अनुच्छेद लेखन (150से200शब्दों में) २. पत्र-लेखन (अनौपचारिक) ३. चित्र वर्णन ४. संवाद लेखन (५० से ६० शब्दों में)
C.W. / H.W. – 5 Marks	C.W. / H.W. – 5 Marks
ASL/ Project – 10 Marks	ASL/ Project – 10 Marks

Periodic Test -3 (40 Marks)	Annual (80 Marks)
खंड - क :- अपठितबोध	खंड - क :- अपठितबोध
अपठित गद्यांश	अपठित गद्यांश
खंड - ख :- व्याकरण	खंड - ख :- व्याकरण
पाठ-१ शब्द और पद पाठ- २ अनुस्वार, अनुनासिक पाठ-३ उपसर्ग और प्रत्यय पाठ-८ स्वर संधि	पाठ-१ शब्द और पद पाठ- २ अनुस्वार, अनुनासिक पाठ-३ उपसर्ग और प्रत्यय पाठ-६ अर्थ की दृष्टि से वाक्य भेद पाठ- ७ स्वर संधी पाठ-८ विराम चिह्न
खंड -ग :- स्पर्शपाठ्यपुस्तकसे	खंड -ग :- स्पर्शपाठ्यपुस्तकसे
(गद्यखंड) पाठ- २ — एवरेस्ट : मेरी शिखर यात्रा पाठ- ३- तुम कब जाओगे, अतिथि पाठ-४ बैज्ञानिक चेतना के वाहक चद्रशेखर वेंकट रामन् पाठ- ५ — धर्म की आड़ (पढने के लिए)	(गद्यखंड) पाठ- २ — एवरेस्ट : मेरी शिखर यात्रा पाठ- ३- तुम कब जाओगे, अतिथि पाठ-४ बैज्ञानिक चेतना के वाहक चद्रशेखर वेंकट रामन् पाठ-५ - धर्म की आड़ (पढने के लिए) पाठ-६- शुक्र तारे के समान
(पद्यखंड) पाठ-९ —आदमीनामा—नजिर अकबरा बादी (पढने के लिए) पाठ-१०- सियाराम सरणगुप्त — एक फूलकी चाह (पढने के लिए) पाठ- ११ अग्नि पथ — हरिवंश राय वचन	(पद्यखंड) पाठ-९- आदमीनामा—नजिर अकबराबादी (पढने के लिए) पाठ-१०- सियाराम सरणगुप्त - एक फूलकी चाह (पढने के लिए) पाठ-१२- अग्निपथ—हरिवंश राय वचन पाठ-१३ —अरुण कमल — नए इलाके मे खुशबू रचते है हाथ
(संचयन) पाठ— ३ —कल्लू कुम्हार कर उनाकोटी	(संचयन) पाठ— ८ —मरा छोटा सा निजी पुस्तकालय
खंड -घ :- लेखन	खंड -घ :- लेखन
१. अनुच्छेद लेखन (150 से 200 शब्दों में) २. चित्र वर्णन	१. अनुच्छेद लेखन (150 से 200 शब्दों में) २. पत्र लेखन (अनौपचारिक) ३. चित्र वर्णन ४. संवाद लेखन (५० से ६० शब्दों में)
C.W. / H.W. – 5 Marks	C.W. / H.W. – 5 Marks
ASL/ Project-10 Marks	ASL/ Project-10 Marks

कक्षा 9वीं हिंदी 'ब' (कोड सं. 085) -परीक्षाओं हेतु पाठ्यक्रम विनिर्देशन 2023-24

- प्रश्नपत्र दो खंडों, खंड 'अ' और 'ब' में विभक्त होगा।
- खंड 'अ' में 45 वस्तुपरक प्रश्न पूछे जाएँगे, जिनमें से केवल 40 प्रश्नों के ही उत्तर देने होंगे।
- खंड 'ब' में वर्णनात्मक प्रश्न पूछे जाएँगे। प्रश्नों में उचित आंतरिक विकल्प दिए जाएँगे।
- भारांक-(80(वार्षिक परीक्षा)+ 20 (आंतरिक परीक्षा)
- कुल अंक-100

निर्धारित समय- 3 घंटे

भारांक-80

परीक्षा भार विभाजन		
	विषयवस्तु	भार
	खंड अ (वस्तुपरक प्रश्न)	40
1	अपठित गद्यांश	10
	अ दो अपठित गद्यांश (लगभग 200 शब्दों के) (1x5=5)+(1x5=5) (प्रत्येक गद्यांश पर आधारित पाँच बहुविकल्पीय प्रश्न पूछे जाएँगे।	10
2	व्यावहारिक व्याकरण के आधार पर बहुविकल्पात्मक प्रश्न (1 अंक x16 प्रश्न) 21 प्रश्न पूछे जाएँगे जिनमें से केवल 16 प्रश्नों के उत्तर देने होंगे।	16
	i शब्द और पद (2 अंक) (2 प्रश्न)	02
	ii अनुस्वार (1 अंक), अनुनासिक (1 अंक) (3 में से 2 प्रश्न)	02
	iii उपसर्ग (2 अंक), प्रत्यय (2 अंक) (5 में से 4 प्रश्न)	04
	iv स्वर संधि (3 अंक) (4 में से 3 प्रश्न)	03
	v विराम-चिह्न (3 अंक) (4 में से 3 प्रश्न)	03
	vi अर्थ की दृष्टि से वाक्य भेद (2 अंक) (3 में से 2 प्रश्न)	02
3	पाठ्यपुस्तक स्पर्श, भाग-1	14
	काव्य खंड	07
	पठित पद्यांश पर एक अंकीय पाँच बहुविकल्पी प्रश्न। (1x5) स्पर्श (भाग-1) से निर्धारित कविताओं के आधार पर एक अंकीय दो बहुविकल्पी प्रश्न पूछे जाएँगे। (1x2)	05 02

	गद्य खंड		07
	पठित गद्यांश पर एक अंकीय पाँच बहुविकल्पी प्रश्न। (1x5)		05
	स्पर्श (भाग-1) से निर्धारित गद्य पाठों के आधार पर विद्यार्थियों की उच्च चिंतन क्षमताओं एवं अभिव्यक्ति का आकलन करने हेतु एक अंकीय दो बहुविकल्पी प्रश्न पूछे जाएँगे। (1x2)		02
	खंड - ब (वर्णनात्मक प्रश्न)		40
4	पाठ्यपुस्तक स्पर्श, भाग-1		12
	1 स्पर्श (गद्य खंड) से निर्धारित पाठों के आधार पर तीन में से दो प्रश्न पूछे जाएँगे। (3 अंक x 2 प्रश्न) (लगभग 60 शब्द)		06
	2 स्पर्श (काव्य खंड) से निर्धारित पाठों के आधार पर तीन में से दो प्रश्न पूछे जाएँगे। (3 अंक x 2 प्रश्न) (लगभग 60 शब्द)		06
	पूरक पाठ्यपुस्तक संचयन भाग - 1		06
	पूरक पाठ्यपुस्तक संचयन के निर्धारित पाठों से तीन में से दो प्रश्न पूछे जाएँगे, जिनका उत्तर लगभग 60 शब्दों में देना होगा। (3 अंक x 2 प्रश्न)		06
5	लेखन		22
	i संकेत बिंदुओं पर आधारित समसामयिक एवं व्यावहारिक जीवन से जुड़े हुए किन्हीं तीन विषयों में से किसी एक विषय पर लगभग 100 शब्दों में अनुच्छेद लेखन। (6 अंक x1 प्रश्न) (विकल्प सहित)		06
	ii अभिव्यक्ति की क्षमता पर केंद्रित व्यावहारिक विषयों में से किसी एक विषय पर लगभग 100 शब्दों में अनौपचारिक पत्र। (6 अंक x 1 प्रश्न)		06
	iii चित्र वर्णन- चित्र में दिखाई दे रहे दृश्य /घटना का कल्पनाशक्ति से लगभग 100 शब्दों में वर्णन। (विचारों का वर्णन स्पष्ट रूप से चित्र से ही संबद्ध होना चाहिए) (बिना किसी विकल्प के)		05
	iv दी गई परिस्थितियों के आधार पर संवाद लेखन। (लगभग 100 शब्दों में) (विकल्प सहित)		05
	कुल		80
	आंतरिक मूल्यांकन	अंक	20
	अ सामयिक आकलन	5	
	ब बहुविध आकलन	5	

स	पोर्टफोलियो	5	
द	श्रवण एवं वाचन	5	
	कुल		100

निर्धारित पुस्तकें:

1. स्पर्श, भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
2. संचयन, भाग-1, एन.सी.ई. आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण

❖ नोट : निम्नलिखित पाठों से प्रश्न नहीं पूछे जाएँगे-

स्पर्श(भाग -1)	<ul style="list-style-type: none"> • धर्म की आड़ (पूरा पाठ) • आदमीनामा (पूरा पाठ) • एक फूल की चाह (पूरा पाठ)
संचयन(भाग-1)	<ul style="list-style-type: none"> • हामिद खाँ (पूरा पाठ) • दिये जल उठे (पूरा पाठ)

STD- IX (Odia)

Syllabus

Periodic Test -1 (40 marks)	Periodic Test -2 (80 marks)	Periodic Test -3 (40 marks)	Annual Exam (80 Marks)
‘କ’ ବିଭାଗ ଅଜଣା ଅନୁଚ୍ଛେଦରୁ ପ୍ରଶ୍ନ	‘କ’ ବିଭାଗ ଅଜଣା ଅନୁଚ୍ଛେଦରୁ ପ୍ରଶ୍ନ	‘କ’ ବିଭାଗ ଅଜଣା ଅନୁଚ୍ଛେଦରୁ ପ୍ରଶ୍ନ	‘କ’ ବିଭାଗ ଅଜଣା ଅନୁଚ୍ଛେଦରୁ ପ୍ରଶ୍ନ
‘ଖ’ ବିଭାଗ ଦରଖାସ୍ତ୍ର (ଦାସ୍ତରିକ)	‘ଖ’ ବିଭାଗ ରଚନା, ଦରଖାସ୍ତ୍ର	‘ଖ’ ବିଭାଗ ରଚନା	‘ଖ’ ବିଭାଗ ରଚନା, ଦରଖାସ୍ତ୍ର
‘ଗ’ ବିଭାଗ (ବ୍ୟାକରଣ) ସନ୍ଧି - ସ୍ଵର, ବ୍ୟଞ୍ଜନ, ବିସର୍ଗ	‘ଗ’ ବିଭାଗ (ବ୍ୟାକରଣ) ସନ୍ଧି - ସ୍ଵର, ବ୍ୟଞ୍ଜନ, ବିସର୍ଗ ସମାସ-ତତ୍ପରୁଷ, ଦ୍ଵନ୍ଦ୍ଵ, ଦ୍ଵିଗୁ, ବହୁବ୍ରାହି, କର୍ମ ଧାରୟ, ଅବ୍ୟୟାଭାବ	‘ଗ’ ବିଭାଗ (ବ୍ୟାକରଣ) ସନ୍ଧି - ସ୍ଵର, ବ୍ୟଞ୍ଜନ, ବିସର୍ଗ ସମାସ-ତତ୍ପରୁଷ, ଦ୍ଵନ୍ଦ୍ଵ, ଦ୍ଵିଗୁ, କର୍ମଧାରୟ, ବହୁବ୍ରାହି ଓ ଅବ୍ୟୟାଭାବ କୃଦନ୍ତ ତତ୍ତ୍ଵ	‘ଗ’ ବିଭାଗ (ବ୍ୟାକରଣ) ସନ୍ଧି - ସ୍ଵର, ବ୍ୟଞ୍ଜନ, ବିସର୍ଗ ସମାସ-ତତ୍ପରୁଷ, ଦ୍ଵନ୍ଦ୍ଵ, କର୍ମଧାରୟ, ଦ୍ଵିଗୁ, ବହୁବ୍ରାହି, ଅବ୍ୟୟାଭାବ କୃଦନ୍ତ ତତ୍ତ୍ଵ
‘ଘ’ ବିଭାଗ (ବ୍ୟାକରଣ) ପ୍ରବନ୍ଧ -ଜାତୀୟଜୀବନ, ଭାଷା ଓ ଜାତୀୟତା କବିତା- ବନ୍ଦେ ଉତ୍କଳ ଜନନୀ, କାହାମୁଖ ଅନାଲ ବଞ୍ଚିବି, ପଦ୍ମ ଗଳ୍ପ -ବୁଢ଼ାଶଙ୍ଖାରି	‘ଘ’ ବିଭାଗ (ବ୍ୟାକରଣ) ପ୍ରବନ୍ଧ -ଜାତୀୟଜୀବନ, ଭାଷା ଓ ଜାତୀୟତା, ବାମନରହାତ ଓ ଆକାଶର ଚନ୍ଦ୍ର, ପ୍ରକୃତ ବନ୍ଧୁ କବିତା - ବନ୍ଦେ ଉତ୍କଳ ଜନନୀ, କାହାମୁଖ ଅନାଲ ବଞ୍ଚିବି, ପଦ୍ମ, ହେ ମୋର କଲମ, ମଣିଷ ଭାଇ । ଗଳ୍ପ -ବୁଢ଼ାଶଙ୍ଖାରି, ପତାକା ଉତ୍ତୋଳନ ଏକାଙ୍କିକା - ଦଳ ବେହେରା	‘ଘ’ ବିଭାଗ (ବ୍ୟାକରଣ) ପ୍ରବନ୍ଧ -ଜାତୀୟଜୀବନ, ଭାଷା ଓ ଜାତୀୟତା, ବାମନରହାତ ଓ ଆକାଶର ଚନ୍ଦ୍ର, ପ୍ରକୃତ ବନ୍ଧୁ, ସମୂହ ଦୃଷ୍ଟି, ଶକ୍ତି ଓ ଜ୍ଞାନ କବିତା - ବନ୍ଦେ ଉତ୍କଳ ଜନନୀ, କାହାମୁଖ ଅନାଲ ବଞ୍ଚିବି, ପଦ୍ମ, ହେ ମୋର କଲମ, ମଣିଷ ଭାଇ, ଗୋପ ପ୍ରୟାଣ, ପାଇକ ବଧୂର, ଉଦ୍‌ବୋଧନ । ଗଳ୍ପ -ବୁଢ଼ାଶଙ୍ଖାରି, ପତାକା ଉତ୍ତୋଳନ ଏକାଙ୍କିକା - ଦଳବେହେରା, ଦୂର ପାହାଡ଼	‘ଘ’ ବିଭାଗ (ବ୍ୟାକରଣ) ପ୍ରବନ୍ଧ -ଜାତୀୟଜୀବନ, ଭାଷା ଓ ଜାତୀୟତା, ବାମନରହାତ ଓ ଆକାଶରଚନ୍ଦ୍ର, ପ୍ରକୃତବନ୍ଧୁ, ସମୂହ ଦୃଷ୍ଟି, ଶକ୍ତି ଓ ଜ୍ଞାନ, ଓଡ଼ିଆ ସାହିତ୍ୟ କଥା କବିତା - ବନ୍ଦେ ଉତ୍କଳ ଜନନୀ, କାହାମୁଖ ଅନାଲ ବଞ୍ଚିବି, ପଦ୍ମ, ହେ ମୋର କଲମ, ମଣିଷ ଭାଇ, ଗୋପ ପ୍ରୟାଣ, ପାଇକ ବଧୂର, ଉଦ୍‌ବୋଧନ, ମାଟିର ମଣିଷ । ଗଳ୍ପ ଏକାଙ୍କିକା -ବୁଢ଼ା ଶଙ୍ଖାରି, ପତାକା ଉତ୍ତୋଳନ, ଲକ୍ଷ୍ମୀରଅଭିସାର, ଦଳ ବେହେରା, ଦୂର ପାହାଡ଼

Time : 3 Hrs	Total Periods: 129	Max Marks : 80
Part - A	MCQS	40 Marks
Part - B	Descriptive Type Questions	40 Marks

Sl. No.	Typology of Questions	% Weightage
1.	Remembering	Easy 15%
2.	Understanding	Average 50%
3.	Application	
4.	High Order Thinking Skills (analyzing/ evaluating/ Creating)	Difficult 15%

Prescribed Books:

Sahitya Dhara (Class - IX)- 2012 (1st Edition) Published by – Board of Secondary Education, Odisha

Madhyamika Byakarana (Class - IX) – 2012 (1st Edition) Published by – Board of Secondary Education, Odisha

Design of Question Paper

- Paper will be of two parts –part –A and Part –B. Part A will be of fifty percent weightage i.e. 40 marks.
- Part A will have all MCQs and will have internal choice of 33 percent in equal difficulty questions.
- Part – A therefore will have 53 -1 mark MCQs
- Part – B will be of Descriptive type and have a weightage of fifty percent i.e. 40 marks.
- Part – B will have Short Answer, Long Answer and Easy type question with a choice of 33 percent (again 13-14 marks)

Activities / Guidelines for Internal Assessment

Mark: 20marks

Periodic Test (5 Marks) – 3 periodic Test :- Average of best 2 would be taken for final submission of marks.

Portfolio (5 marks) :

- Organization – Neatness and visual appeal
- Completion of guided work focused on specific curricular objectives
- Evidences of student's growth
- Inclusion of all relevant works (Completeness)

Subject Enrichment Activities (5 marks)

- Listening and Speaking skills
- Book Review

Multiple Assessments – (5 marks)

- Oral Tests
- Individual of Groups work
- Class discussion, Field work
- Visual Representation

Assessment:

The assignment/ Project works need to be evaluated by the subject teacher and by another teacher nominated by the Principal of the school. Both of these examiners will assess the assignments independently. The total marks obtained out of 20 are to be sent to the Board by the Principal of the school.

Design of Question Paper

SECTION	DETAILS OF TOPICS/ CHAPTERS	TYPE OF QUESTIONS	NO. OF QUESTIONS	MARKS
Section-A Comprehension	Comprehension of an unseen prose passage (120 to 150 words)	Short Answer Type Questions-I	1 (05)	5×2=10
Section-B Composition	Essay Writing (Contemporary Issues) (1 out of 3) (250 to 300 words)	Long Ans. Type- II	01	1 x 6 = 6
	Application (Letter to the Editor of Newspaper) (1 out of 2)	Long Ans. Type- II	01	1 x 6 = 6
Section-C Grammar	Sandhi (out of 7Q, 5Q should be answered)	MCQ	1 (20)	5×1=05
	(ii) Samasa (out of 7Q, 5Q should be answered)	MCQ		5×1=05
	(iv) Krudanta (out of 7Q, 5Q should be answered)	MCQ		5×1=05
	(iii) Tadhita (out of 7Q, 5Q should be answered)	MCQ		1×5=05
Section- D Prose, Poetry, Non-detail	Prose Explanation (1Q should be answered out of 2Q)	L.A. -I	01	1×5=05
	Short Question (2Q should be answered out of 3Q)	S.A.-I	1(03)	2 x 2 =4
	M.C.Q.	V.S.A	1(08)	8 x 1 = 8
	Poetry Explanation (1Q should be answered out of 2Q)	L.A-I	01	1×5=05
	Short Question (2Q should be answered out of 3Q)	S.A.-I	1(03)	2 x 2 =4
	M.C.Q.	V.S.A	1(07)	7 x 1 = 7
	Non-detail (5Q should be answered out of 7Q)	MCQ	1(05)	5×1=05
			12	Total- 80

STD – IX (Mathematics)

Detailed Syllabus

Periodic Test-I	Periodic Test- II
<ol style="list-style-type: none">1. Number System2. Polynomials3. Coordinate Geometry4. Linear Equation in two variables	<ol style="list-style-type: none">1. Number System2. Polynomials3. Coordinate geometry4. Linear equation in two variables5. Introduction to Euclid's Geometry6. Lines and Angles7. Triangles8. Quadrilaterals
Periodic Test- III	Annual Exam
<ol style="list-style-type: none">1. Number System2. Polynomials3. Coordinate geometry4. Linear equation in two variables5. Introduction to Euclid's Geometry6. Lines and Angles7. Triangles8. Quadrilaterals9. Areas of parallelogram and Triangles10. Circles11. Heron's Formula12. Surface Areas and Volumes13. Statistics	<ol style="list-style-type: none">1. Number System2. Polynomials3. Coordinate geometry4. Linear equation in two variables5. Introduction to Euclid's Geometry6. Lines and Angles7. Triangles8. Quadrilaterals9. Areas of parallelogram and Triangles10. Circles11. Heron's Formula12. Surface Areas and Volumes13. Statistics

COURSE STRUCTURE CLASS -IX

Units	Unit Name	Marks
I	NUMBER SYSTEMS	10
II	ALGEBRA	20
III	COORDINATE GEOMETRY	04
IV	GEOMETRY	27
V	MENSURATION	13
VI	STATISTICS	06
	Total	80

UNIT I: NUMBER SYSTEMS

1. REAL NUMBERS

1. Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers.
2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number.
3. Definition of nth root of a real number.
4. Rationalization (with precise meaning) of real numbers of the type $\frac{1}{a+b\sqrt{x}}$ and $\frac{1}{\sqrt{x}+\sqrt{y}}$ (and their combinations) where x and y are natural number and a and b are integers.
5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)

UNIT II: ALGEBRA

1. POLYNOMIALS

Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. Factorization of $ax^2 + bx + c$, $a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem.

Recall of algebraic expressions and identities. Verification of identities:

$$(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$$

$$(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$$

$$x^3 \pm y^3 = (x \pm y)(x^2 \mp xy + y^2)$$

$$x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - zx)$$

and their use in factorization of polynomials.

2. LINEAR EQUATIONS IN TWO VARIABLES

Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type $ax + by + c = 0$. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line.

UNIT III: COORDINATE GEOMETRY

COORDINATE GEOMETRY

The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.

UNIT IV: GEOMETRY

1. INTRODUCTION TO EUCLID'S GEOMETRY

History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example:

(Axiom) 1. Given two distinct points, there exists one and only one line through them.

(Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.

2. LINES AND ANGLES

1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse.
2. (Prove) If two lines intersect, vertically opposite angles are equal.
3. (Motivate) Lines which are parallel to a given line are parallel.

3. TRIANGLES

1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence).
2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).

3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).
4. (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence)
5. (Prove) The angles opposite to equal sides of a triangle are equal.
6. (Motivate) The sides opposite to equal angles of a triangle are equal.

4. QUADRILATERALS

1. (Prove) The diagonal divides a parallelogram into two congruent triangles.
2. (Motivate) In a parallelogram opposite sides are equal, and conversely.
3. (Motivate) In a parallelogram opposite angles are equal, and conversely.
4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.
5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.
6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.

5. CIRCLES

1. (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse.
2. (Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord.
3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely.
4. (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle.
5. (Motivate) Angles in the same segment of a circle are equal.
6. (Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.
7. (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.

UNIT V: MENSURATION

1. AREAS

Area of a triangle using Heron's formula (without proof)

2. SURFACE AREAS AND VOLUMES

Surface areas and volumes of spheres (including hemispheres) and right circular cones.

UNIT V: MENSURATION

1. AREAS

Area of a triangle using Heron's formula (without proof)

2. SURFACE AREAS AND VOLUMES

Surface areas and volumes of spheres (including hemispheres) and right circular cones.

UNIT VI: STATISTICS

STATISTICS

Bar graphs, histograms (with varying base lengths), and frequency polygons.

SCIENCE SYLLABUS

STD-IX

PRESCRIBED TEXT BOOKS

1. SCIENCE – TEXT BOOK NCERT PUBLICATION
2. EXEMPLAR PROBLEMS NCERT PUBLICATION
3. LAB MANNUAL NCERT PUBLICATION
4. ASSESSMENT OF PRATICAL SKILLS – CBSE PUBLICATION COURSE

STRUCTURE (ANNUAL EXAMINATION)

Unit No.	Unit	Marks
I	Matter- Its Nature and Behaviours	25
II	Organisation in the Living World	22
III	Motion, Force and work	27
IV	Food: Food Production	06
	Total	80
	Internal Assessment	20
	Grand Total	100

Note: Above weightage includes the weightage of questions based on practical skills.

INTERNAL ASSESSMENT – SUBJECT ENRICHMENT ACTIVITY (5MARKS)

PERIODIC TEST -1	PERIODIC TEST -2	PERIODIC TEST -3
<p><u>Physics</u></p> <p>Exp-1, Determination of melting point of ice and the bolting point of water. Exp-2, Preparation of</p> <p>(a) a true solution of common salt, sugar and alum in water. (b) a suspension of soil. Chalk powder and fine and in water. (c) a colloidal solution of starch in water and</p> <p><u>Chemistry</u></p> <p>Egg allumin/ milk in water and distmguish between these on the basis of</p> <p>(i) transparency (ii) filtration criterion (iii) stability Exp -3 : Preparation of</p> <p>(i) a mixture (ii) a compound using iron fillings</p>	<p><u>Physics</u></p> <p>Exp-1 Determination of density of solid (denser than water) by using a spring balance and a measuring cylinder Exp-2 Establishing the relation between the loss in weight of a solid when fully immersed in</p> <p>(a) tap water (b) strongly salty water, with the weight of water displaced by it by taking at least two different solids.</p> <p><u>Chemistry</u></p> <p>Exp-4. Perform the following reactions and classify them a physical or chemical changes;</p> <p>(i) Iron with copper sulphate solution in water. (ii) Burning of magnesium ribbon in air (iii) Zn with dilute Sulphuric acid</p>	<p><u>Physics</u></p> <p>Exp-3. Verification of laws of reflection of sound Exp-4. Determination of the speed of a pulse propagated through a stretched string/ slinky (helical spring)</p> <p><u>Chemistry</u></p> <p>Exp-6, Verification of “Law of conservation of mass” in a chemical reaction.</p>

<p>and sulphur powder and distinguishing between these on the basis of</p> <p>(i) appearance i.e. homogeneity and heterogeneity</p> <p>(ii) behavior towards a magnet</p> <p>(iii) behavior towards carbon disulphide as a solvent</p> <p>(iv) Effect of heat.</p> <p style="text-align: center;"><u>Biology</u></p> <p>Exp-1, Preparation of stained temporary mounts of</p> <p>(a) onion peel</p> <p>(b) human cheek cells and to record observations and draw their labeled diagrams.</p> <p>Exp- 2. Identification of Parenchyma, collenchymas, & Sclerenchyma tissues in plants, from prepared slides. Draw their labeled diagrams.</p>	<p>(iv) Heating of copper sulphate crystal</p> <p>(v) Sodium sulphate with barium chloride in the form of their solutions in water.</p> <p>Exp- 5, Separation of components of a mixture of sand, common salt and ammonium chloride (or Camphor)</p> <p style="text-align: center;"><u>Biology</u></p> <p>Exp-2. Identification of Parenchyma, collenchymas & Sclerenchyma tissues in plants striped smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.</p>	
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Periodic Test- I (40 Marks)	Periodic Test - II (80 Marks)
<p>Ch-1 Matter in our surrounding</p> <p>Ch-5 The fundamental unit of life.</p> <p>Ch-8 Motion</p>	<p>Ch-1 Matter in our surrounding</p> <p>Ch-2 Is matter around us pure?</p> <p>Ch-5 The fundamental unit of life.</p> <p>Ch-6 Tissues</p> <p>Ch-8 Motion</p> <p>Ch-9 Force & Laws of Motions</p>
Periodic Test - III (40 Marks)	Annual Exam (80 Marks)
<p>Ch-3 Atoms & Molecules</p> <p>Ch-4 Structure of Atom</p> <p>Ch-14 Natural Resources</p> <p>Ch-10 Gravitation</p>	<p>Ch-1 Matter in our surrounding</p> <p>Ch-2 Is matter around us pure?</p> <p>Ch-3 Atoms & Molecules</p> <p>Ch-4 Structure of Atom</p> <p>Ch-5 The fundamental unit of life</p> <p>Ch-6 Tissues</p> <p>Ch-8 Motion</p> <p>Ch-9 Force & Laws of Motions</p> <p>Ch-10 Gravitation</p> <p>Ch-11 Work, Energy, Power</p> <p>Ch-12 Sound</p> <p>Ch-15 Improvement of food resources</p>

Syllabus – 2023-24
STD-IX
Social Science

PT-1 (40 Marks)	PT-II (80 Marks)
<p><u>History:</u> Ch-1 – The French Revolution</p> <p><u>Political Science :</u> Ch-1- What is Democracy? Why Democracy?</p> <p><u>Geography:</u> Ch-1 – India – Size & location Ch-2 – Physical features of India</p> <p><u>Economics:</u> Ch-1- The story of village Palampur Ch-2- People as Resource.</p>	<p><u>History:</u> Ch-1- The French Revolution Ch-2- Socialism in Europe and the Russian Revolution</p> <p><u>Political Science:</u> Ch-1- What is Democracy? Why Democracy? Ch-2- Constitutional Design. Ch-3- Electoral politics.</p> <p><u>Geography:</u> Ch-1 – India – Size & Location Ch-2- Physical Features of India. Ch-3- Drainage</p> <p><u>Economics:</u> Ch-2- People as Resource. Ch-3- Poverty as a challenge.</p>
PT-III (40 Marks)	Annual (80 Marks)
<p><u>History:</u> Ch-2 Socialism in Europe and the Russian Revolution. Ch-5- Pastoralists in the modern world.</p> <p><u>Political Science:</u> Ch-3 – Electoral politics Ch-4- Working of Institutions</p> <p><u>Geography:</u> Ch-3- Drainage Ch-4- Climate Ch-5- Natural Vegetation and Wildlife (Map Pointing)</p> <p><u>Economics:</u> Ch-2- People as Resource Ch-3 – Poverty as a challenge. Ch-4- Food security in India.</p>	<p><u>History:</u> Ch-1- The French Revolution Ch-2- Socialism in Europe and the Russian Revolution Ch-3- Nazism and the Rise of Hitler</p> <p><u>Political Science:</u> Ch-1- What is Democracy? Why Democracy? Ch-2- Constitutional design Ch-3- Electoral politics Ch-4- Working of institutions Ch-5- Democratic rights</p> <p><u>Geography:</u> Ch-1- India – Size & location Ch-2- Physical features of India Ch-3- Drainage Ch-4- Climate Ch-5- Natural Vegetation and Wildlife (Map Pointing) Ch-6- Population</p> <p><u>Economics:</u> Ch-2- People as Resource. Ch-3- Poverty as a Challenge. Ch-4- Food security in India.</p>

LIST OF MAP ITEMS

CLASS IX (2023-24)

SUBJECT - HISTORY Chapter-1: The French Revolution

Outline Political Map of France (For locating and labeling / Identification)

- Bordeaux
- Nantes
- Paris
- Marseilles

Chapter-2: Socialism in Europe and the Russian Revolution

Outline Political Map of World (For locating and labeling / Identification)

- Major countries of First World War

(Central Powers and Allied Powers)

Central Powers - Germany, Austria-Hungary, Turkey (Ottoman Empire)

Allied Powers - France, England, Russia, U.S.A.

Chapter-3: Nazism and Rise of Hitler

Outline Political Map of World (For locating and labeling / Identification)

- Major countries of Second World War

Axis Powers – Germany, Italy, Japan

Allied Powers – UK, France, Former USSR, USA

- Territories under German expansion (Nazi Power)

Austria, Poland, Czechoslovakia (only Slovakia shown in the map),

Denmark, Lithuania, France, Belgium

SUBJECT – GEOGRAPHY (Outline Political Map of India)

Chapter -1: India-Size and Location

- India-States with Capitals, Tropic of Cancer, Standard Meridian (Location and Labelling)

Chapter -2: Physical Features of India

- Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats
- Mountain Peaks – K2, Kanchan Junga, Anai Mudi
- Plateau - Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau
- Coastal Plains - Konkan, Malabar, Coromandal & Northern Circar (Location and Labelling)

Chapter -3: Drainage

- Rivers: (Identification only)
 - The Himalayan River Systems- The Indus, The Ganges, and The Satluj
 - The Peninsular rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi
- Lakes: Wular, Pulicat, Sambhar, Chilika

Chapter - 4: Climate

- Areas receiving rainfall less than 20 cm and over 400 cm
(Identification only)

Chapter - 5: Natural Vegetation and Wild Life

- Vegetation Type: Tropical Evergreen Forest, Tropical Deciduous Forest, Thorn Forest, Montane Forests and Mangrove- For identification only
- National Parks: Corbett, Kaziranga, Ranthambor, Shivpuri, Kanha, Simlipal & Manas
- Bird Sanctuaries: Bharatpur and Ranganthitto
- Wild Life Sanctuaries: Sariska, Mudumalai, Rajaji, Dachigam
(Location and Labelling)

Chapter - 6: Population (Location and Labelling)

- The state having highest and lowest density of population

COMPUTER APPLICATIONS
CLASS IX
(2023-24)

Half Yearly	Annual Exam
<p>Unit 1: Basics of Information Technology</p> <ul style="list-style-type: none"> • Computer Systems: characteristics of a computer, components of a computer system- CPU, memory, storage devices & I/O devices. • Memory: primary (RAM & ROM) & secondary memory. • Storage devices: hard disk, CD ROM, DVD, pen/flash drive, memory stick. • I/O devices: keyboard, mouse, monitor, printer, scanner, web camera. • Types of software: system software (operating system, device drivers), application software including mobile applications. • Computer networking: Type of networks: PAN, LAN, MAN, WAN, wired/ wireless communication, Wi-Fi, Bluetooth, cloud computers (private/public). • Multimedia: images, audio, video, animation. <p>Unit 2: Cyber-safety</p> <ul style="list-style-type: none"> • Safely browsing the web & using social networks: identity protection, proper usage of passwords, privacy, confidentiality of information, cyber stalking, reporting cybercrimes. • Safely accessing websites: viruses & malware, adware. 	<p>Unit 3: Office tools</p> <ul style="list-style-type: none"> • Introduction to a word processor: create & save a document. • Edit and format text: text style (B, I, U), font type, font size, text colour, alignment of text. Format paragraphs with line and/or paragraph spacing. Add headers & footers, numbering pages, grammar & spell check utilities, subscript & superscript, insert symbols, use print preview & print a document. • Insert pictures, change the page setting, add bullets & numbering, borders & shading & insert tables – insert/delete rows & columns, merge & split cells. • Use auto-format, track changes, review comments, use of drawing tools, shapes & mathematical symbols. • Presentation tool: understand the concept of slide shows, basic elements of a slide, different types of slide layouts, create & save a presentation & learn about the different views of a slide set – normal view, slide sorter view & hand-outs. • Edit & format a slide: add titles, subtitles, text, background & watermark, header & footers & slide numbers. • Insert pictures from files, create animations, add sound effects & rehearse timings. • Spreadsheets: concept of a worksheet & a workbook, create & save a worksheet. • Working with a spreadsheet: enter numbers, text, date/time, series using auto fill; edit & format a worksheet including changing the colour, size, font, alignment of text; insert & delete cells, rows & columns. Enter a formula using the operators (+, -, *, /), refer to cells & print a worksheet. • Use simple statistical functions: SUM (), AVERAGE (), MAX (), MIN (), IF () (without compound statements); embed charts of various types: line, pie, scatter, bar & area in a worksheet.

Std-IX (Physical Education)

Half Yearly	Annual
<p>1. Calisthenics, Exercise table involving different body parts.</p> <p>2. Athletics - (a) Running event (100, 200, 400, 600 mtrs & 4 x100 marks Relay) (b) Jumping events (long jump, High Jump) (c) Throwing event (shot put, Discus) with emphasizing on techniques.</p> <p>3. All the major games to be taught on the basic of Modern techniques & skills with the playing situation (football, volleyball, kho-kho, kabadi, badminton, karate, cricket, taekwondo, as per the availability of Infrastructure)</p>	<p>4. Conditioning exercise:- i) wall bar exercise, ii) stretching exercise</p> <p>5. Content of physical education Drill and marching, Repetition of previous work.</p> <p>6. General Fitness:- Walking, Body weight squats , Push-ups, Plank, Abdominal crunches, lunges etc.</p>

Std-IX (Peace Education- JYEP)

Half Yearly	Annual
<p>Learning about Excellence 1st Term: Part-I Part- II</p>	<p>Learning about Excellence 2nd Term: Part- III Part- IV</p>