



**TAPOVAN INTERNATIONAL SCHOOL**  
**YEARLY SYLLABUS 2024-25**

**SUBJECT: English**

**Class: IX**

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1.	April	24	<b>Beehive Textbook :</b> Prose 1. The Fun They Had Prose 2. The Sound of Music  Poetry 1. The Road Not Taken Poetry 2. Wind  <b>Grammar ::</b> Subject Verb Concord  <b>Writing:</b> Informal Letter	1. Introduction of the author, his literary works, genre, content characters, main protagonist, theme, plot, sub plot, explanation of lines, discussion and explanation of textual as well as value based questions.  2. Introduction of the poets, their work, theme of the poems and appreciation of poetic writing skills. 3. Understanding the correct use of forms of Verbs and how to use them with different singular and plural subjects. 4. Recapitulating usage of Subject and Verb.	Solving exercises from the textbooks.  Write summary of poems.  Students will solve Worksheet on Subject -verb concord
2.	May	4	<b>Moments Supplementary Reader :</b> 1. The Lost Child	1. Students will share their own experiences. Students will learn descriptive writing from the lesson.	Group discussion on various characters in the story.
3.	June	23	<b>Beehive Textbook :</b> Prose 3. The Little Girl Prose 4. A Truly Beautiful Mind Poetry 3. Rain on the Roof  <b>Moments Supplementary Reader :</b> 2. The Adventures of Toto  <b>Grammar :</b> Tenses	1. Introduction of the author, his literary work, genre, characters, explanation of textual as well as value based questions. 2. Students will gain biographical knowledge of Isaac Newton.  3. Introduction of the poet, and poem theme. 4. Describing the context, the poetic devices and the language used by the poet. Value the poem in its totality.	Students will discuss their fear and remedies to overcome from it. Students will collect information of Isaac Newton. Poem recitation.  The students will narrate their adventurous stories. Students will prepare the chart of Tenses.

			<b>Writing:</b> Descriptive Paragraph Writing	5. Understanding the correct use of forms of verbs. 6. Learning of Paragraph Writing format and necessary requisites.	Students will write different paragraphs on various persons, events, places comprising information and their imagination
<b>4.</b>	<b>July</b>	<b>26</b>	<b>Beehive Textbook :</b> Prose 5. The Snake and the Mirror  Poetry 4. The Lake Isle of Innisfree  <b>Moments Supplementary Reader :</b> 3. Iswaran the Storyteller	1. Introduction about the author, his work, genre, plot, sub- plot, characters, explanation of lines.  2. Introduction of the poet. The students will appreciate the country life.  3. Introduction of the author, his literary work, genre, characters, explanation of textual as well as value based questions.	Conduct multiple exercises from text.  Poem recitation.  Write character sketch.  <b>Conduct of Subject Enrichment Activity for Term I.</b>
<b>5.</b>	<b>Aug</b>	<b>22</b>	<b>Beehive Textbook :</b> Prose 6. My Childhood Poetry 5. A Legend of the Northland  <b>Moments Supplementary Reader :</b>  4. In the Kingdom of Fools <b>Grammar :</b> Reported Speech	1. Brief introduction of Dr. A.P.J Abdul Kalam.  2. Introduction of the poet, his literary creations, title and the theme of the poem.  3. Describe the character traits of the important characters from the story. 4. Learning the rules and examples to convert into Indirect Speech.	Students will collect information about Dr. A.P.J. Abdul Kalam  Students will have intensive reading of Supplementary Reader and write the story review.  Solving of Exercises of reported speech. <b>Conduct of Multiple Assessment Task for Term I.</b>
<b>6.</b>	<b>Sept</b>	<b>23</b>	<b>Beehive Textbook :</b> Poetry 6. No Men are Foreign  <b>Moments Supplementary Reader :</b> 5. The Happy Prince  <b>Writing:</b> Diary Entry  <b>Revision for Term End -1 Examination.</b>	1. Introduction of the theme of the poem. Understanding the life of soldiers.  2. Introduction about the author, his literary work and explain the gist of the chapter. 3. Introduction of Diary Entry. Learning of its need and format.  4. Revision of all the chapters with grammar topics.	Students will sing patriotic songs and express their feelings of patriotism.  Passage comprehension.  Worksheet based on Grammar and Reading Comprehension.  Activity of diary entry.

6.	Oct	21	<p><b>Beehive Textbook :</b> Prose 7. Reach for the Top Prose 8. Kathmandu Poetry 7. On Killing a Tree</p> <p><b>Grammar :</b> Modal verb <b>Writing:</b> Formal Letter</p>	<p>1. Introduction of the author, his literary work. The students will appreciate the hard work, sincerity and dedication of Santosh Yadav and Maria Sarapova.</p> <p>2. The students will sympathies with nature.</p> <p>3. Understanding the term travelogue and its need.</p> <p>4. Understanding of various Modal verbs in the required contexts.</p>	<p>Picture composition, role play. Group discussion on relevant topic. The students will be described about the importance of trees in our lives.</p> <p>Conduct quiz on the chapters done.</p> <p>Students will solve the Worksheet on Modal verbs.</p>
7.	Nov	17	<p><b>Beehive Textbook :</b> Prose 9. If I Were You</p> <p><b>Moments Supplementary Reader :</b> 6. The Last Leaf</p> <p><b>Grammar :</b> Determiners</p> <p><b>Writing:</b> Story Writing</p>	<p>1. Introduction of the theme of the drama, the author, his literary work, genre, characters, main protagonist and plot, sub plot. Learning effective communication skills for enhancing speaking, listening and understanding abilities.</p> <p>2. Introduction of the author and understand the gist of the story. To develop the value of friendship.</p> <p>3. Use of determiners according to the given context.</p> <p>4. Using story writing tips of plotting, sub-plotting, with coherence, cohesive, narrative and interactive modes.</p>	<p>Students will be given task to tell and write this suspense story in their own words. Dramatization of the play in the class.</p> <p>Students will write an essay on 'Human and Nature.' To describe the character traits of the characters of 'The Last Leaf.'</p> <p>Worksheet on Determiners in exercises of Editing and Omission of Errors.</p> <p>Activity of Story writing.</p> <p><b>Conduct of Multiple Assessment Task for Term I.</b></p>
8.	Dec	24	<p><b>Beehive Textbook :</b> Poetry: 8. A Slumber Did My Spirit Seal</p> <p><b>Moments Supplementary Reader :</b> 7. A House Is Not a Home</p>	<p>1. Introduction of the poet and his work. Understanding the theme of the poem.</p> <p>2. Appreciation of the poem and Interpretation of its theme.</p> <p>3. Introduction about the author and understand the character traits of characters present in the text.</p>	<p>Group reading and discussion</p> <p><b>Conduct of Subject Enrichment Activity for Term II.</b></p> <p>Group discussion on teenagers and their challenges. Students will write character sketch of various characters from literature.</p>

<b>9.</b>	<b>Jan</b>	<b>19</b>	<b>Moments Supplementary Reader :</b> 8. The Beggar	Introduction of the gist of the chapter. To develop the values of honesty and hard work	Group discussion on the relevant topic
<b>10.</b>	<b>Feb</b>	<b>22</b>	<b>Revision for Final Exam</b>	Revision of all topics in Grammar and Literature. Enhancing the skills of comprehension and content writing.	Solving multiple exercises from sample papers.
<b>11.</b>	<b>Mar</b>	<b>9</b>	<b>Conduct of Final Exam</b>	Enhancing the skills of comprehension and content writing.	Solving multiple exercises from sample papers.

**Name of the Teacher:** Ms. Sailaja Achalla, Mr. Malav Trivedi



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**SUBJECT: HINDI**

**Class:IX**

Sr. No.	Month	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April 24 May 4	<p>सेतु कोर्स <input type="checkbox"/> बीज कोर्स <input type="checkbox"/></p> <p>स्वर और व्यंजन <input type="checkbox"/> वर्णमाला <input type="checkbox"/></p> <p>‘कि’ और ‘की’ में अंतर, ‘र’ के विभिन्न रूप</p> <p>गद्य 1 <input type="checkbox"/> दुख का अधिकार</p> <p>पद्य 1 <input type="checkbox"/> रैदास के पद</p> <p>संचयन 1 गिल्लू</p> <p>व्याकरण 1 शब्द और पद</p> <p>लेखन <input type="checkbox"/> अनुच्छेद लेखन <input type="checkbox"/></p> <p>पत्र <input type="checkbox"/> लेखन <input type="checkbox"/> अनौपचारिक पत्र <input type="checkbox"/></p>	<p>वर्णमाला की जानकारी देते हुए बच्चों को स्वर और व्यंजनों से ज्ञात करवाना और शुद्ध उच्चारण एवं शुद्ध वर्तनी में लिखने के लिए प्रेरित करना।</p> <p>‘कि’ एवं ‘की’ में अंतर समझाकर उनका सही प्रयोग सिखाना। ‘र’ के विभिन्न रूपों की जानकारी देते हुए उनका सही प्रयोग सिखाना।</p> <p>प्रस्तुत व्यंग्यपूर्ण रचना द्वारा धनी लोगों की अमानवियता और गरीबों की मजबूरी को उजागर करना।</p> <p>रैदास के पदों द्वारा उनके आराध्य के साथ उनकी तुलना भगवान की अपार उदारता <input type="checkbox"/> कृपा और उनके समदर्शी स्वभाव का वर्णन करना।</p> <p>एक गिलहरी के बच्चे की चंचलता <input type="checkbox"/> आकलाप व उसकी मृत्यु तक के वर्णन का रेखाचित्र द्वारा जानकारी देना।</p> <p>शब्द और पद की परिभाषा समझाना। शब्द व पद में अंतर बताते हुए अभ्यास करवाना।</p> <p>संकेत बिंदु पर आधारित दिए गए विषय पर अनुच्छेद लेखन का अभ्यास करना।</p> <p>अनौपचारिक पत्र का प्रारूप समझाना एवं अभ्यास करवाना।</p>	<p>मूल्यांकन प्रश्नों द्वारा अभ्यास करवाना।</p> <p>कहानी को रोचक मोड़ पर रोककर आगे की कहानी अपनी कल्पना के आधार पर कहना।</p> <p>रैदास के पद पर आधारित प्रश्नोंत्तर करवाना।</p> <p>पाठ पर आधारित प्रश्नोंत्तर करवाना।</p> <p>वाक्य में रेखांकित पद का भेद लिखवाना।</p> <p>दिए गए विषयों पर आधारित अनुच्छेद लेखन करवाना।</p> <p>दिए गए विषय पर आधारित पत्र <input type="checkbox"/> लेखन करवाना।</p>
2	June 23	<p>गद्य 2 <input type="checkbox"/> एवरेस्ट मेरी शिखर यात्रा</p> <p>पद्य 2 <input type="checkbox"/> रहीम के दोहे</p>	<p>बचेंद्री पाल का एवरेस्ट की चोटी पर पहुंचने का विविध घटनाओं द्वारा वर्णन करना।</p> <p>नितिपरक दोहों द्वारा मानव जीवन के लिए उपयोगी शिक्षाओं का विभिन्न दृष्टान्तों द्वारा वर्णन करना।</p>	<p>‘मन के हारे हार है <input type="checkbox"/> मन के जीते जीत’-अनुच्छेद <input type="checkbox"/> लेखन।</p> <p>दोहों का स्वस्वर गायन करवाना।</p>

		<p>संचयन 2 मृति</p> <p>व्याकरण अनुस्वार अनुनासिक</p> <p>व्याकरण उपसर्ग प्रत्यय</p> <p>व्याकरण अपठित गद्यांश</p>	<p>लेखक की बाल्यावस्था की एक घटना और बच्चों की सहज जिज्ञासा से संबंधित कठिन एवं जोखिमपूर्ण निर्णयों का सजीव चित्रण करना।</p> <p>उच्चारण द्वारा अनुनासिक अनुस्वार के प्रयोग व अंतर को समझाना।</p> <p>उपसर्ग प्रत्यय के नियमों को समझाकर नए शब्दों का निर्माण करवाना।</p> <p>गद्यांश पर आधारित प्रश्नों के उत्तर लिखवाना।</p>	<p>बचपन की किसी अविस्मरणीय घटना का वर्णन करवाना।</p> <p>दिए गए शब्दों में अनुस्वार अनुनासिक के उचित प्रयोग हेतु अभ्यास करवाना।</p> <p>शब्दों में प्रयुक्त उपसर्ग प्रत्यय व मूलशब्द छांटकर लिखवाना।</p> <p>अपठित गद्यांश का अभ्यास करवाना।</p>
3	July 26	<p>गद्य 3 मुम कब जाओगे अतिथि</p> <p>पद्य 3 गीत अगीत</p> <p>व्याकरण स्वर संधि</p> <p>विराम चिह्न</p>	<p>भारतीय संस्कृति 'अतिथि देवो भव' का भाव जगाती है और हम भारतीय उस उक्ति को सार्थक करते हैं। परंतु अतिथि ज्यादा दिन रहें तो वह राक्षस भी प्रतीत हो सकता है। ऐसा व्यंग्य इस पाठ से समझाना।</p> <p>'गीत अगीत' कविता के मुखर और मौन दोनों ही भाव कैसे सुंदर हैं। सच्चा प्रेम मुखरता में नहीं मौन भाव में होता है यह समझाना।</p> <p>संधि की परिभाषा बताते हुए संधि के भेदों को बताना तथा सभी भेदों की परिभाषा और विविध उदाहरणों द्वारा स्वर संधि के भेदों का अभ्यास करवाना।</p> <p>विराम चिह्न के प्रकार एवं उनके नियमों को समझाकर वाक्य में उचित जगह उनका प्रयोग करना सीखाना।</p>	<p>परिचर्चा 'अतिथि देवो भव' भारतीय संस्कृति के नैतिक मूल्यों के बारे में पृष्ठना।</p> <p>गीत और अगीत में प्रयुक्त मौन और मुखर की सुंदरता के द्वारा प्रकृति की अनुभूति को समझना।</p> <p>दिए गए संधि के उदाहरणों का अभ्यास करना।</p> <p>विविध वाक्यों द्वारा विराम चिह्नों का अभ्यास करना।</p>
4	August 22	<p>पद्य 4 वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन्</p> <p>व्याकरण अर्थ की दृष्टि से वाक्य-भेद</p> <p>लेखन संवाद लेखन चित्रवर्णन</p>	<p>इस पाठ के द्वारा चंद्रशेखर वेंकट रामन् के जीवन संघर्ष के बारे में तथा उनकी उपलब्धियों के बारे में बताना।</p> <p>वाक्य की परिभाषा बताते हुए अर्थ की दृष्टि से वाक्य के भेदों की जानकारी देकर उनका अभ्यास करवाना।</p> <p>दिए गए विषयों पर संवाद लेखन करवाना।</p> <p>दिए गए चित्र का वर्णन करवाना।</p>	<p>भारत में किन किन वैज्ञानिकों को नोबल पुरस्कार मिला है उनकी जानकारी एकत्रित करना।</p> <p>अर्थ की दृष्टि से वाक्य-भेद का अभ्यास करना।</p> <p>संवाद लेखन का अभ्यास करवाना।</p> <p>चित्र वर्णन का अभ्यास करवाना।</p>

5	September 23	पुनरावर्तन	मध्यावधि परीक्षा के लिए संबंधित विषयों का पुनरावर्तन कार्य करवाना।	मौखिक व लिखित अभ्यास करवाना।
6	October 21	गद्य <input type="checkbox"/> 5 <input type="checkbox"/> शुक्रे के समान  संचयन <input type="checkbox"/> 3 <input type="checkbox"/> कल्लू कुम्हार की उनाकोटी  व्याकरण <input type="checkbox"/> शब्द और पद  लेखन <input type="checkbox"/> अनुच्छेद लेखन <input type="checkbox"/> पत्र <input type="checkbox"/> लेखन <input type="checkbox"/> अनौपचारिक पत्र <input type="checkbox"/>	‘शुक्रे के समान’ इस पाठ के द्वारा गांधीजी के निजी सचिव महादेव भाई देसाई की बेजोड़ प्रतिभा तथा उनकी व्यस्ततम दिनचर्या की जानकारी देते हुए जीवन में अनुशासन कितना जरूरी है यह समझाना। ‘यात्रा वृत्तांत’ की जानकारी देते हुए त्रिपुरा की भौगोलिक स्थिति <input type="checkbox"/> संस्कृति <input type="checkbox"/> समाज <input type="checkbox"/> संगीत <input type="checkbox"/> बाद्य यंत्र <input type="checkbox"/> श्रुति <input type="checkbox"/> विवाज और उद्योगों की जानकारी देना।  शब्द और पद की परिभाषा समझाना। शब्द व पद में अंतर बताते हुए अभ्यास करवाना। संकेत बिंदु पर आधारित दिए गए विषय पर अनुच्छेद लेखन का अभ्यास करना। अनौपचारिक पत्र का प्रारूप समझाना एवं अभ्यास करवाना।	आप जहाँ छुट्टियाँ मनाते जाओगे वहाँ का प्रवास वर्णन लिखिए पाठ पर आधारित प्रश्नोत्तर लिखवाना।  भारत के ऐतिहासिक स्थलों की जानकारी देना।।  वाक्य में रेखांकित पद का भेद लिखवाना।  दिए गए विषयों पर आधारित अनुच्छेद लेखन करवाना।  दिए गए विषय पर आधारित पत्र <input type="checkbox"/> लेखन करवाना।
7	November 17	पद्य <input type="checkbox"/> 4 <input type="checkbox"/> अग्निपथ  व्याकरण <input type="checkbox"/> अपठित गद्यांश  व्याकरण <input type="checkbox"/> अनुस्वार <input type="checkbox"/> अनुनासिक  उपसर्ग <input type="checkbox"/> प्रत्यय  पद्य <input type="checkbox"/> 5 <input type="checkbox"/> नए इलाके में	‘अग्निपथ’ कविता के द्वारा मनुष्य के जीवन पथ को अग्नि से भरा बताते हुए जीवन की कठिनाइयों से विचलित न होकर निडरता से उनका सामना करने की प्रवृत्ति का भाव छात्रों में जगाना।  गद्यांश पर आधारित प्रश्नों के उत्तर लिखवाना।  उच्चारण द्वारा अनुस्वार <input type="checkbox"/> अनुनासिक के प्रयोग व अंतर को समझाना। उपसर्ग <input type="checkbox"/> प्रत्यय के नियमों को समझाकर नए शब्दों का निर्माण  ‘नए इलाके में’ कविता के माध्यम से कवि नित्य नए परिवर्तनों को अपनाने का संदेश दे रहा है। मजदूरों के संघर्ष <input type="checkbox"/> मय जीवन की कहानी से बच्चों को ज्ञात करवाना।	‘जीवन संघर्ष का नाम है’ इस विषय पर कक्षा में परिचर्चा का आयोजन करना।  अपठित गद्यांश का अभ्यास करवाना।  दिए गए शब्दों में अनुस्वार <input type="checkbox"/> अनुनासिक के उचित प्रयोग हेतु अभ्यास करवाना। शब्दों में प्रयुक्त उपसर्ग <input type="checkbox"/> प्रत्यय व मूलशब्द छांटकर लिखवाना।  हिंदी महीनों के नाम <input type="checkbox"/> से लिखिए।

8	December  24	<p>पद्य <input type="checkbox"/> ख़ुशबू रचते हैं हाथ</p> <p>व्याकरण <input type="checkbox"/> स्वर संधि</p> <p>विराम <input type="checkbox"/> चिह्न</p> <p>व्याकरण <input type="checkbox"/> अर्थ की दृष्टि से वाक्य भेद</p>	<p>‘ख़ुशबू रचने वाले हाथ’ किन-किन परिस्थितियों में रहते हैं <input type="checkbox"/> और सबको ख़ुशबू प्रदान करते हैं <input type="checkbox"/> इसे ज्ञात करवाना।</p> <p>संधि की परिभाषा बताते हुए संधि के भेदों को बताना तथा सभी भेदों की परिभाषा और विविध उदाहरणों द्वारा स्वर संधि के भेदों का अभ्यास करवाना।</p> <p>विराम <input type="checkbox"/> चिह्न के प्रकार एवं उनके नियमों को समझाकर वाक्य में उचित जगह उनका प्रयोग करना सीखाना।</p> <p>अर्थ की दृष्टि से वाक्य के भेद बताकर उनका अभ्यास करवाना। किसी भी गतिविधि द्वारा मौखिक मूल्यांकन करना।</p>	<p>हिंदी महीनों के नाम <input type="checkbox"/> से लिखिए।</p> <p>पद्य पाठपर आधारित प्रश्नोंत्तर लिखवाना।</p> <p>दिए गए संधि के उदाहरणों का अभ्यास करना।</p> <p>विविध वाक्यों द्वारा विराम <input type="checkbox"/> चिह्नों का अभ्यास करना। अर्थ की दृष्टि से वाक्य के भेद का अभ्यास करवाना किसी भी विषय पर आधारित मौखिक प्रस्तुतीकरण।</p>
9	January  19	<p>संचयन <input type="checkbox"/> मेरा छोटा <input type="checkbox"/> निजी पुस्तकालय</p> <p>लेखन <input type="checkbox"/> संवाद <input type="checkbox"/> लेखन</p> <p>चित्रवर्णन</p>	<p>प्रस्तुत पाठ के माध्यम से छात्रों में पुस्तकों के प्रति प्रेम और लगाव का भाव निर्माण की प्रेरणा देना। पुस्तकें हमारी मित्र होती हैं इससे हमें ज्ञान प्राप्ति होती है यह बताते हुए पुस्तक पढ़ने की प्रेरणा देना।</p> <p>दिए गए विषयों पर संवाद <input type="checkbox"/> लेखन करवाना।</p> <p>दिए गए चित्र का वर्णन करवाना।</p>	<p>अपने घर के आस <input type="checkbox"/> पास या विद्यालय के वाचनालय में जाकर पुस्तकें पढ़ना।</p> <p>संवाद <input type="checkbox"/> लेखन का अभ्यास करवाना।</p> <p>चित्र वर्णन का अभ्यास करवाना।</p>
10	February  22  March  9	<p>पुनरावर्तन</p>	<p>पूर्व पठित पाठों <input type="checkbox"/> व्याकरणिक इकाईयों व रचनात्मक लेखन के विषयों का पुनरावर्तन।</p> <p>अंतिम परीक्षा के लिए संबंधित विषयों का पुनरावर्तन कार्य करवाना।</p>	<p>मौखिक व लिखित अभ्यास करवाना।</p>

Name of the Teacher : Pranita Gandhe

Bhanu Sharma







5.	September	23	<b>Chapter : 5 Euclids Geometry</b>  <b>REVISION FOR MID TERM</b>	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.	
6.	October	21	<b>Chapter : 8 – Quadrilaterals</b>	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.	CBQ and MCQ
7.	November	17	<b>Chapter :11- Surface area and Volumes</b>  <b>Chapter :9-Circles</b>	Surface areas and volumes of spheres (including hemispheres) and right circular cones. 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.	Mind –Map 1. To verify that angle subtended by an arc at the centre is twice the angle subtended by the same arc at any other point on the remaining part of the circle.
8.	December	24	<b>Chapter :9-Circles</b>	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	2. To verify that the angles in the same segment of a circle are equal.  CBQ and MCQ

				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 $180^\circ$ and its converse.	
9.	January	19	<b>Chapter :12 - Statistics</b>	Bar graphs, histograms (with varying base lengths), and frequency polygons.	CBQ and MCQ
10.	February	22	<b>REVISION FOR ANNUAL EXAM</b>		

Name of the Teacher: Mr. Satish Sharma/ Mr. Sonu Chawalani



**TAPOVAN INTERNATIONAL SCHOOL**  
**YEARLY SYLLABUS 2024-25**

**SUBJECT: Biology**

**Class: IX**

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	24	5. The Fundamental Unit of Life	<b>What is cell?</b> <b>Cell</b> - basic unit of life <b>Types of cell:</b> prokaryotic and eukaryotic cells Multi cellular organisms cell organelles, diffusion and osmosis, <b>Types of solutions:</b> Hypertonic solution, isotonic solution and Hypotonic solution <b>Nucleus:</b> It's structure, location and functions	To prepare stained temporary mounts of onion peel.  <b>CBQ based resource sheet</b>
2	May	04	5. The Fundamental Unit of Life	<b>Endoplasmic reticulum:</b> It's structure, location , types and functions <b>Golgi Complex:</b> It's structure, location and functions <b>Lysosome:</b> It's structure, location and functions	Osmosis process by using raisins.
3	June	23	5. The Fundamental Unit of Life	<b>Lysosome:</b> It's structure and functions <b>Mitochondria:</b> It's structure, location and functions <b>Chloroplast:</b> It's structure, location and functions <b>Vacuole:</b> Role of vacuole in plants, Difference between plant and animal vacuole <b>Cell division:</b> cell cycle, mitosis and meiosis.	To prepare stained temporary mounts of cheek cell.  Video display of cell organelles. <b>PPT presentation on cell organelles</b>
4	July	26	12. Improvement in Food Resources	Plant hybridization and its types, <b>Crop variety improvement:</b> Factors responsible for crop variety improvement. <b>production managements:</b> Use of fertilizers and manures <b>Crop protection:</b> Protection from pests and diseases Organic farming	Role play on "wastage of food"  <b>CBQ based resource sheet</b>
5	August	22	12. Improvement in Food Resources	Animal Husbandry <b>Cattle Farming:</b> Food requirement, shelter management and vaccination <b>Poultry Farming:</b> Food requirement, shelter management and vaccination	Video display on Animal husbandry.( Composite fish culture)

				<b>Fish Production:</b> marine culture, aquaculture, composite fish culture <b>Bee- Keeping:</b> Breeding, pasturage, apiary	
6	September	23	Revision	Revision	
7	October	21	6. Tissues	Structure and functions of animal and plant tissues <b>Meristematic tissue</b> : its location, characteristic types and functions <b>Permanent tissues:</b> Simple and complex tissue <b>Simple permanent plant tissue:</b> its location, characteristic types and functions	To identify parenchyma, collenchymas and sclerenchyma tissues in plants.  <b>CBQ based resource sheet</b>
8	November	17	6. Tissues	<b>Complex permanent plant tissue:</b> its location, characteristic types and functions Epidermis of plant: its location, characteristic and functions	Observation of xylem and phloem tissue.
9	December	24	6. Tissues	<b>Epithelial animal tissue:</b> its location, characteristic and functions 1. Squamous, 2. Cuboidal, 3. Columnar, 4. glandular <b>Connective tissue:</b> its location, characteristic and functions 1. Blood and Lymph      4. Tendons. 2. Bone.                      5. Ligaments 3. Cartilage.	To identify types of muscular tissue observation of nervous tissue  <b>CBQ based resource sheet</b>
10	January	19	6. Tissues	<b>Connective tissue:</b> Areolar tissue and Adipose tissue <b>Muscular its location:</b> characteristic, types and functions <b>Nervous tissue:</b> location, Structure and function	Video display of nervous tissue
11	February	22	Revision	Revision	
12	March	09	Revision	Revision	

**Name of the Teacher:** Ms. Banti Solanki



**TAPOVAN INTERNATIONAL SCHOOL**  
**YEARLY SYLLABUS 2024-2025**

**SUBJECT: Chemistry**

**Class:IX**

Sr. No	Month	No. of Working Days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	24	1.Matter in our Surrounding	Definition of matter; solid, liquid and gas; State change- melting, freezing, evaporation, condensation, sublimation. Characteristics of solid e.g. shape, volume, density.	To show that particles of matter are small in size. To show evaporation, diffusion, boiling and sublimation. To determine the melting point of ice and the boiling point of water.
2	May	04	1.Matter in our Surrounding	State changes.(factors affecting state of matter) Basic physical quantities and their units.	To show that temperature remains constant during change of state of matter.  Worksheets (CBQ ,MCQ, A&R.) /Resource sheets.
3	June	23	2. Is Matter Around Us Pure	Mixtures - Heterogeneous and homogenous mixtures, Elements, compounds types of solutions - True solution, colloids and suspensions	To prepare and compare: true solution, suspension and colloidal solution.
4	July	26	2. Is Matter around us pure	Physical and chemical changes Metals, non-metals, metalloids and their properties	To prepare: mixture, compound of (Fe+S) to study physical /chemical change and compare compound and mixture..  Work sheets (CBQ, MCQ, A&R)/,Resource sheets.
5	August	22	3. Atoms and molecules	Atoms and molecules. Law of constant proportions. Atomic and molecular masses.	To verify the law of conservation of mass in a chemical reaction.
6	September	23	<b>Revision</b>		
7	October	21	3. Atoms and Molecules	Valency, Chemical formulae of common compounds.	Formation of chemical formulas from different ions. Worksheets (CBQ, Assersion and

					reason)/Resource sheets.
8	November	17	4. Structure of Atom	Electrons, protons and neutrons; Thomson 's atomic model	Charts / models to study structure of atom.
9	December	24	4. Structure of Atom	Rutherford and Bohr's atomic model. Atomic number of elements 1 to 20	Subject enrichment activity- Comparison of Atomic models.
10	January	19	4. Structure Of Atom	Atomic No. and Mass No. Electronic configuration of elements Isotopes and isobars.	Numericals based on Average Atomic mass. Distribution of electrons in different cells. Worksheets (CBQ,MCQ , A&R)/ Resource sheets.
11	February	22	<b>REVISION( Previous exam question papers ,sample papers and worksheets)</b>		
12	March	09			

**Name of the Teacher:** Ms. Manisha Kumari, Ms. Geeta Tiwari





**TAPOVAN INTERNATIONAL SCHOOL**  
**YEARLY SYLLABUS 2024-25**

**SUBJECT: PHYSICS**

**Class:IX**

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	24	7. Motion	Distance, displacement, speed, velocity; uniform and non-uniform motion along a straight line; acceleration distance-time and velocity-time graphs.	
2	May	04	7. Motion	Uniform motion and uniformly accelerated motion	To explain Uniform circular motion using various activities on ground.
3	June	23	7. Motion 8. Force and Laws of Motion	Elementary idea of uniform circular motion. Force and Motion, Newton's Laws of Motion, Action and Reaction forces,	.
4	July	26	8. Force and Laws of Motion 9. Gravitation	Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Gravitation; Universal Law of Gravitation, Gravity on the Earth	To explain concept of Inertia using activity and its dependence on mass.
5	August	22	9. Gravitation	Acceleration due to Gravity; Mass and Weight; Free fall.	Video of free fall activity.
6	September	23	9. Gravitation	Floatation: Buoyancy, Archimedes' Principle, Thrust and Pressure	To establish relationship between weight of a rectangular wooden block lying on a horizontal table and the minimum force required to just move it using a spring balance
7	October	21	10. Work and Energy	Work done by a Force, Energy, power; Kinetic and Potential energy, Law of conservation of energy. (Commercial energy)	

8	November	17	11. Sound	Nature of sound and its propagation in various media, speed of sound,	To verify the Laws of reflection of sound to determine the velocity of a pulse propagated through a stretched string/slinky.
9	December	24	11. Sound	Range of hearing in humans; ultrasound; reflection of sound; echo.	To prepare model for studying sound propagation.
10	January	19	Revision	Motion , force and laws of motion	
11	February	22	Revision	Gravitation , Work and Energy, Sound	
12	March	9	Revision		

**Name of the Teacher :** Mr. Satish Sharma and Mr. Sonu Chawalani



**TAPOVANINTERNATIONALSCHOOL**  
**YEARLYSYLLABUS2024-25**

**SUBJECT: Social Science**

**Class: IX**

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter /Lesson	Content/ Sub Topics	Activities
1	April	23	<p>Geography: Chapter 1. India- Size &amp; Location</p> <p>History: Chapter 1 .The French Revolution.</p> <p>Economics: Chapter 1. The story of village Palampur</p>	<p>Latitudinal &amp; Longitudinal extent of India, Important Latitudes, Standard Meridian of India, Time difference from east to west of India, Neighbors of India.</p> <p>Introduction of French ancient regime and its crises , The social reason which led to revolution , The different revolutionary groups and ideas , philosophers and revolutionist of France ,The legacy of France.</p> <p>Economic transactions of palampur and its interaction with the rest of the world through which the concept of production including three factors of production ( land, labour, and capital).....etc.</p>	<p>To locate the Latitudinal &amp; Longitudinal extent of the places in the Atlas. Map work of important latitudes &amp; longitudes of India.</p> <p>List down the important personalities of French revolution and their contribution towards French revolution</p> <p>Field survey-visit an ear by village and find out; Location, total area land use, facilities available</p>
2	May	5	Economics: Chapter 1. The story of village Palampur will be cont. ( To be assessed as a part of Periodic assessments only)	Economic transactions of Palampur and its interaction with the rest of the world through which the concept of production including three factors of production (land, labour, and capital).....etc.	Methods of farming, modern facilities etc.

3	June	21	<p>Civics: Chapter 1. What is democracy? Why democracy?(will be continued)</p> <p>Geography: Chapter 2. Physical features of India</p> <p>History: Chapter 2. Socialism in Europe and the Russian Revolution</p>	<p>Meaning of Democracy, Phase wise development of democracy in the world, features of democracy, difference between democratic and non-democratic conditions.... What are the different ways of defining democracy? What are alternatives to democracy? Democracy and its value</p> <p>Land forms of India: Mountains, Plateaus, Plains, Desert, Hilly areas...etc, Formation based on Gondwana land and Eurasian plates, and Major mountains and peak of Himalaya.</p> <p>Nature of social movements between 1905 and 1917. The crises of Tzarism. The First World War and foundation of Soviet State.</p>	<p>Group discussion on topic 'Broad meaning of democracy'. -to give knowledge regarding the duties and rights in Democracy</p> <p>Map work showing mountain ranges of India, Plateaus and Coastal strips</p> <p>A video will be shown on socialism and The Russian Revolution</p>
4	July	25	<p>Economics: Chapter 2 People and Resources</p> <p>History: Chapter 3. Nazism and The Rise of Hitler</p> <p>Revision-PT 1</p>	<p>Introduction of how people become resource/asset; economic activities done by men and women; unpaid work done by women; quality of human resource; role of health and education; unemployment as a form of non utilization of human resource; etc</p> <p>Rise of Nazism. The growth of social democracy, the crises of Germany, the basis of Hitler's rise to power, the Ideology of Nazism, the impact of Nazism.</p> <p>All the chapters will be revised to understand the topics, Clearing the doubts related to Topics, Class test will be taken.</p>	<p>Group discussion on recent developments in health related measures taken by the government.</p> <p>A documentary will be shown based on the Rise of Hitler.</p>

5	August	18	<p>Civics: Chapter 2. Constitutional Design</p> <p>Geography: Chapter 3. Drainage</p> <p>Economics: Chapter 3. Poverty as a challenge</p>	<p>How and why did India become a democracy? Framing of Indian constitution. Salient features of Indian constitution. Amendments in constitution</p> <p>Meaning of drainage system and its formation, Classification of rivers, Facts &amp; figures of Important rivers of India like Indus, Ganga &amp; Brahmaputra</p> <p>Case studies: Who is poor? Rural and urban. Absolute poverty (not as a concept but with examples. Why people are poor? Unequal distribution of resources; comparison between countries steps taken by government for poverty alleviation.</p>	<p>To do research on Apartheid regime in South Africa, 1964 and the struggle of Dr. Nelson Mandela opposing this system.</p> <p>Map Work of important lakes &amp; rivers of India, Making list of major rivers and mentioning multipurpose projects and their importance</p> <p>Data collection graph Analysis. Topic : Phenomena of global poverty</p>
6	September	25	<p>Geography : Chapter 4. Climate</p> <p>Civics: Chapter 3. Electoral Politics</p> <p>Revision-MidTerm</p>	<p>Factors influencing climate, monsoon its characteristics, rainfall, seasons and temperature distribution. Climate and human life.</p> <p>Why do we have a system of competition among political parties? How have the citizens participate electoral politics? What are ways to ensure free and fair elections Why and how do we elect representatives</p> <p>All the chapters will be revised to understand the topics, Clearing the doubts related to Topics, Class test and Quiz will be taken.</p>	<p>Collage making on monsoon 2023 in India</p> <p>Election of a class monitor through the electoral process.</p>

7	October	15	<p>Economics: Chapter 4 Food security In India</p> <p>Geography: Chapter 5.Natural vegetation and wildlife</p> <p>(Only map work to be evaluated in the annual examination.)</p>	<p>Source of food grains: famines in the past, the need for self sufficiency- role of government in food security- procurement of food grains-over flowing of granaries and people without food – role of co-operatives in food security.</p> <p>Vegetation types, distribution as well as altitudinal variation, need for conservation and various measures</p>	<p>Discussion on recent measures taken by the NDA govt.related to food security in India.</p> <p>Map work on types of forest in India</p>
8	November	23	<p>History : Chapter 4.Forest Society and Colonialism (Inter disciplinary Project only as a part of Multiple assessment)</p> <p>Civics: Chapter 4.Working of the Institution</p>	<p>Histories of forest society their livelihood and economies. Changes in forest laws and how it impact on tribal people and their life.</p> <p>How is country governed? What does Parliament do in our democracy? What are roles of President, Prime Minister and Judiciary.</p>	<p>Activity: Discussion based on PPT- Tribal societies in India</p> <p>Classification Game on Lok Sabha and Rajya Sabha</p>
9	December	26	<p>Revision-PTII</p> <p>Geography: Chapter 6.Population</p>	<p>All the chapters will be revised to understand the topics, Clearing the doubts related to Topics, Class test and Quiz will be taken</p> <p>Population change, literacy, health, occupational structure and national population policy; adolescents and problems.</p>	<p>Group discussion on Girl child to be protected under the slogan “Beti Bachao Beti Padhao”</p>
10	January	21	<p>Civics: Chapter 5.Democratic Rights</p>	<p>Democratic Rights</p>	<p>Activity: Poster making on fundamental rights</p>

			History: Chapter 5. Pastoralists in the Modern World ( To be assessed as a part of Periodic assessments only)  Revision– Final examination	Histories of pastoralists society their livelihood and economies. Changes in modern society and how it impact on pastorilist people and their life.  All the chapters will be revised to understand the topics, Clearing the doubts related to Topics, Class test and Quiz will be taken.	Activity: A documentary will be shown the life of Bakarwals and Gujjars.
11	February	22	Revision Final examination	Solving Revision Worksheets sample and previous years Q. Papers	
12	March		Final examination		

NameoftheTeacher: MS. Meenu Singh



**TAPOVAN INTERNATIONAL SCHOOL**  
**YEARLY SYLLABUS 2024-25**

**SUBJECT: Artificial Intelligence (Code -417)**

**Class- IX**

Sr. No	Month	Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Experiments / Activities
1	April + May	24 + 4	Unit 3: Information and Communication Technology Skills	<ul style="list-style-type: none"><li>✓ Components of a Computer System</li><li>✓ Basic Computer Skills</li></ul>	Parts identification activity
3	June	23	Unit 4: Introduction to python	<ul style="list-style-type: none"><li>✓ Introduction to Programming</li><li>✓ Introduction to Python</li><li>✓ Features of Python</li><li>✓ Getting Started with Python Working in Python</li><li>✓ Python Character Set</li><li>✓ Python Statements</li><li>✓ Python Comments</li><li>✓ Identifiers and Keywords</li><li>✓ Variables</li><li>✓ Constants</li></ul>	Programs based on variables
4	July	26	Unit 4: Introduction to python	<ul style="list-style-type: none"><li>✓ Data Types</li><li>✓ Operators</li><li>✓ Input and Output in Python</li><li>✓ Type Conversion</li><li>✓ Sample programs</li></ul>	Python Programs based On data types





			Unit 2: AI Project Cycle	<ul style="list-style-type: none"> <li>✓ Modelling</li> <li>✓ AI Project Evaluation</li> <li>✓ AI Project Deployment</li> </ul>	Experiencing working ai projects by the help of websites
9	December	24	Unit 3: Neural Networks	Introduction to Neural Networks Need for Neural Networks Applications of Neural Networks • Advantages of Neural Networks	
10	January	19	Unit 3: Neural Networks	AI Models • Function of Neural Networks • Relation between Neural Network and Nervous System Python programming (detailed)	Application based program making.
11	February + March	22 + 9	Revision		

Name of the Teacher: Mr. SHEEMON S