

TECHNO INDIA GROUP PUBLIC SCHOOL, MANKUNDU

Std VIII

Annual Planning 2024-25 (All Subjects)

Sub – English

S. NO.	NO. of Periods	CONTENTS	ART INTEGRATION AND SUBJECT ENRICHMENT
(P.A-1)	ENG-I 38days = 5 weeks= 5x4= 20 P ENG-II 38 days = 5 weeks= 5x4= 20 P	1)Transformation of Sentences i) Explanation : 2P ii) Exercise : 2P iii) Learning and Re-learning Test : 2P iv) Activity : (Worksheet) 1P 2) Phrases and Clauses i) Explanation : 3P ii) Exercise : 2P iii) Learning and Re-learning Test : 2P iv) Activity : 1P 3) Antonyms, Synonyms and Homonyms i) Exercise : 2P ii) Learning and Re-learning Test : 2P 4) Revision: 1P 4) Atilla i) Explanation : 1P ii) Exercise : 2P iii) Learning and Re-learning Test : 2P 5) O Captain! My Captain! i) Explanation : 1P	1) Pick out the phrases from the box and fill in the blanks 2) Replace the underlined words from the passage with their Antonyms. 3) Story Writing with Picture based on the text The Open Window.

		<p>ii) Exercise : 2P</p> <p>iii) Learning and Re-learning Test : 2P</p> <p>6) The Open Window</p> <p>i) Explanation : 1P</p> <p>ii) Activity : 1P</p> <p>Revision - 8P</p>	<p>3) Frame a story to scare away the unwanted guests from your house.</p>
<p>2) P.A-2</p>	<p>English I 47days = 7 weeks = 28 Periods</p> <p>English II 47days = 7 weeks = 28 Periods</p>	<p>1) Editing (Passage Format) i) Exercise : 2P</p> <p>ii) Learning and Re-learning Test : 2P</p> <p>2) Phrasal Verbs</p> <p>i) Exercise: 3P</p> <p>ii) Learning and Re-learning Test : 2P</p> <p>3) Verbs: Modals and Auxiliaries</p> <p>i) Explanation: 2P</p> <p>ii) Exercise : 2P</p> <p>iii) Learning and Re-learning Test : 2P</p> <p>4) Articles and Omission</p> <p>i) Explanation: 2P</p> <p>ii) Exercise: 2P</p> <p>iii) Learning and Re-learning Test: 2P</p> <p>5) Letter Writing (Formal and Informal) Practice : 2P</p> <p>6) Story Writing Exercise : 2P</p>	

		<p>Revision: 2P</p> <p>7) A Retrieved Reformation i) Explanation : 2P ii) Exercise : 3P iii) Learning and Re-learning Test : 2P</p> <p>8) A Letter to Adolf Hitler i) Explanation : 2P ii) Activity : 1P</p> <p>9) Lines Written in Early Spring i) Explanation : 2P ii) Exercise : 2P</p> <p>10) Home They Brought My Warrior Dead i) Explanation : 1P ii) Exercise : 2P iii) Learning and Re-learning Test : 2P</p>	<p>1) Role Play : The Children of India</p>
		<p>11) The Merchant (Poem From External Resource) i) Explanation : 1P ii) Exercise : 2P</p> <p>12) The Big Cat i) Explanation : 2P ii) Exercise : 2P</p> <p>13) The Count of Monte Cristo i) Explanation: 6 P</p> <p>Revision : 0</p>	<p>2) Activity related jungle or animal conversation.</p> <p>3) Tree plantation project</p>

<p>3) P.A-3</p>	<p>English – I 43days = 6 weeks = 24 Periods</p> <p>English – II 43days = 6 weeks = 24 Periods</p>	<p>1) Change the Narration i) Explanation : 2P ii) Exercise : 2P iii) Activity : 1P</p> <p>2) Determiners i) Explanation and Exercise : 3P</p> <p>3)Prepositions and Conjunctions i) Exercise : 4P ii) Activity : 1P Revision: 11P</p> <p>4) The Two Brothers i) Explanation : 2P ii) Exercise : 2P</p> <p>6) The Ballad of the Tempest i) Explanation : 1P ii) Exercise : 2P</p> <p>7) A Day’s Wait i) Explanation : 2P ii) Exercise : 2P iii) Learning and Re-learning Test : 2P Revision: 11P</p>	<p>1) Comprehension (For Practice)</p>
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	<p>weeks = 28 Periods</p> <p>English – II 47 days = 7 weeks = 28 Periods</p>	<p>ii) Exercise :2P</p> <p>iii) Learning and Re-learning Test : 2P</p> <p>2) Synthesis of Sentences</p> <p>i) Explanation: 3P</p> <p>ii) Exercise : 3P</p> <p>3) Voice</p> <p>i) Explanation: 1P</p> <p>ii) Exercise: 1P</p> <p>4) Story Writing Practice : 2P</p> <p>5) Analytical paragraph: 4P</p> <p>6) Where the Mind is Without Fear</p> <p>i) Explanation : 1P</p> <p>ii) Exercise : 2P</p> <p>iii) Learning and Re-learning Test : 2P</p> <p>iv) Activity : 1P</p> <p>7) Full Steam Ahead</p> <p>i) Explanation: 2P</p> <p>ii) Exercise: 2P</p> <p>8) Life by Henry Van Dyke (Poem From External Resource)</p> <p>i) Explanation : 2P</p> <p>ii) Exercise : 2P</p> <p>iii) Learning and Re-learning Test :2P</p> <p>9) The Count of Monte Cristo</p>	<p>1) Setting up a totally unconventional classroom.</p> <p>3) Comprehension (For Practice)</p>
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		i) Explanation : 6P ii) Exercise : 2P Revision – 4P	
4) P.A-4	English – I 49days = 7	1) Idioms and Applications i) Explanation : 3P	

Sub - 2nd LANGUAGE (HINDI)

SL NO.	NO OF PERIODS	CONTENTS	ACTIVITY AND SUBJECT ENRICHMENT
P.A.1	38 days = 5 weeks = 25 periods	वसंत	ACTIVITY - छात्रों तथा छात्राओं के जीवन के उस पल को कहानी लेखन के रूप में प्रस्तुत करवाया जाएगा जब उन्हें निराशा का सामना करना पड़ा था ।
	5	1) क्या निराश हुआ जाए	
	5	2) दीवानों की हस्ती	
		भारत की खोज -	
	1	1) भारत की अतीत की झांकी	
	1	2) भारत की विविधता और एकता	
	1	3) आर्यों का आना	
	1	4) वेद	
		व्याकरण -	
	4	1) संधि	
	4	2) सर्वनाम	
3	पुनरावृत्ति कार्य		
P.A.2	40 days = 6 weeks = 30 periods	वसंत -	क्रियाकलाप- 1. विशेषण के भेद को चित्र सहित दर्शाने के लिए एक ग्रुप एक्टिविटीज करवाई जाएगी 2. बंगाल राज्य की विशेषताओं को उजागर करती हुई एक झांकी चित्र के माध्यम से तैयार करवाई जाएगी।
		4 1) लाख की चूड़ियाँ	
		4 2) यह सबसे कठिन समय नहीं	
	3	3) जहाँ पहिया है	
		भारत की खोज -	
	1	प्राचीन भारत में जीवन और	
	1	कर्म	
		व्याकरण	
	2	1) समास	
		2) विशेषण	

	3	3) वाच्य	
	2	4) अनुच्छेद लेखन	
	2	4) पत्र लेखन	
	2	6) अपठित गद्यांश	
	1	6) पर्यायवाची शब्द	
	1	6) युग्म शब्द	
	1	पुनरावृत्ति कार्य + पी. ए. 1 (पूरा)	
P.A.3	28 days = 4 weeks = 20 periods 4 4 3 1 3 3 1 2	वसंत - 1) अकबरी लोटा 2) सुदामा चरित 3) बाज और सांप भारत की खोज - कक्षा कार्य के आधार पर व्याकरण - 1) अव्यय या अविकारी शब्द 2) वाक्य-विचार 3) वाक्यांश के लिए एक शब्द 4) अपठित काव्यांश	Activity- कबीरदास जी का जीवन परिचय देते हुए उनकी साखियों से मिली सीख द्वारा ग्रुप एक्टिविटी करवाई जाएगी।
P.A.4	45 days = 6 weeks = 30 periods 4 5 1 4 2 2 2 2 1	वसंत - 1) पानी की कहानी 2) कबीर साखियाँ 3) यह सबसे कठिन समय नहीं (PA2) व्याकरण - 1) अलंकार 2) समास (PA2) 3) अनुच्छेद लेखन 4) पत्र लेखन 5) अपठित गद्यांश 6) अनेकार्थी शब्द + P.A. 3 FULL SYLLABUS	क्रियाकलाप- अलंकार विषय पर आधारित चार्ट बनवाया जाएगा जिसमें प्रत्येक अलंकार से दो-दो उदाहरण लिखवाये जाएंगे।

Sub - 2nd LANGUAGE (BENGALI)

SL. NO.	NO. OF PERIODS	CONTENTS	ART INTEGRATION & SUBJECT ENRICHMENT
PA - 1	38 days = 5 weeks = 5 periods <ul style="list-style-type: none">Literature - 2 periodsGrammar - 2 periodsS.E + Worksheet + Activity - 1 period	সাহিত্য সঞ্চয়নঃ ১। বোকা কুমিরের কথা (গদ্য) ২। নেমন্তন্ন (পদ্য) ব্যাকরণঃ ১। পদ পরিচয় (বিশেষ্য, সর্বনাম ও ক্রিয়া) ২। বচন	<ul style="list-style-type: none">Reading (S.E)Worksheet : Grammar (S.E)Recitation (S.E)Word Spelling (S.E)
PA - 2	40 days = 6 weeks = 7 periods <ul style="list-style-type: none">Literature - 2 periodsGrammar + Writing - 3 periodsS.E + Worksheet + Activity - 1 periodAssignment - 1 period	সাহিত্য সঞ্চয়নঃ ১। হরিহর (গদ্য) ২। আমাদের সঙ্গী (পদ্য) ব্যাকরণঃ ১। পদ পরিচয় বিশেষণ পদ ও অব্যয় পদ ২। পুরুষ ৩। অনুচ্ছেদ - পরে জানানো হবে + PA - 1 Syllabus	<ul style="list-style-type: none">Reading (S.E)Worksheet : Grammar (S.E)Recitation (S.E)Assignment

PA - 3	<p>28 days = 4 weeks = 4 periods</p> <ul style="list-style-type: none"> Literature - 2 periods Grammar - 2 periods 	<p>সাহিত্য সম্বন্ধে:</p> <p>১। পেটুক (গদ্য)</p> <p>২। পাকাপাকি (পদ্য)</p> <p>ব্যাকরণ:</p> <p>১। শুদ্ধ বানান</p> <p>২। বাক্য (গঠনগত)</p> <p>৩। সমার্থক শব্দ</p>	<ul style="list-style-type: none"> Reading (S.E) Worksheet : Grammar (S.E) Recitation (S.E) Spelling (S.E) Hand writing
PA - 4	<p>45 days = 6 weeks = 7 periods</p> <ul style="list-style-type: none"> Literature - 2 periods Grammar + Writing - 3 periods S.E + Worksheet + Activity - 1 period Art Integration - 1 period 	<p>সাহিত্য সম্বন্ধে:</p> <p>১। নয়নছাতি (গদ্য)</p> <p>২। বর্ষারানি (পদ্য)</p> <p>ব্যাকরণ:</p> <p>১। বাক্য (অর্থগত)</p> <p>২। লিঙ্গ</p> <p>৩। অনুচ্ছেদ - পরে জানানো হবে</p> <p style="text-align: center;">+</p> <p style="text-align: center;">PA - 3 Syllabus</p> <p style="text-align: center;">+</p> <p style="text-align: center;">10% of Term - I Syllabus</p> <p>১। হরিহর (গদ্য)</p>	<ul style="list-style-type: none"> Reading (S.E) Worksheet : Grammar (S.E) Recitation (S.E) A.I

3rd LANGUAGE (HINDI)

SL. NO.	NO. OF PERIODS	CONTENTS	Activity and subject enrichment
P.A-1 11 p	3 3 2 1 1	उन्मेष- १) नया सवेरा (कविता) २) जरा फिर से बताओ व्याकरण-१) वाक्य विलोम शब्द पुनरावृत्तिकार्य	फ्लैश कार्ड की सहायता से वाक्यों को सही क्रम में सजा कर लिखना इत्यादि क्रियाकलाप करवाया जाएगा।

P.A-2 14 p	3 2 2 1 1 1 2 1	उन्मेष- १) चांद किसी दिन गिर पड़ा तो २) दृश्य प्रकृति के सुखद अनूठे(कविता) ३) रक्षा का उपाय व्याकरण- १) क्रिया २) अनेक शब्दों के लिए एक शब्द 3)उपसर्ग 4)प्रत्यय	उपसर्ग तथा प्रत्यय को जोड़कर नए शब्दों को बनाने वाली गुप एकटिविटी करवाई जाएगी ।
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		5)अनुच्छेद+ pA1 6)पुनरावृत्तिकार्य	
P.A-3	2	उन्मेष- १) मुफ्त ही मुफ्त	
8 p	2	२) किताबों की दुनिया (कविता)	
	1	व्याकरण- १) मुहावरे	लिंग विषय के आधार पर
	1	२) लिंग	चित्रों की सहायता से
	1	३) वचन	बच्चे इनके भेदों को
	1	4)पुनरावृत्तिकार्य	स्पष्ट करेंगे
	1		

P.A-4	2	उन्मेष- १. एक लड़की जिसे	वचन विषय के आधार
14 p	2	किताबों से नफरत थी	पर चित्रों की सहायता से
	1	२. गुरुत्वशक्ति) कविता)	बच्चे इनके भेदों को
		३ (चांद किसी दिन पड़ा तो) PA2)	स्पष्ट करेंगे
	1	व्याकरण- १ (विशेषण	
	1	२ (पर्यायवाची शब्द	
	1	३ (अनेक शब्दों के लिए एक	
	1	शब्द	
	1	४ (उपसर्ग	
	2	५ (प्रत्यय	
	2	६ अनुच्छेद (+PA3	
	2	पुनरावृत्तिकार्य	

Sub - 3rd LANGUAGE (BENGALI)

SL. NO.	NO. OF PERIODS	CONTENTS	ART INTEGRATION & SUBJECT ENRICHMENT
PA - 1	38 days = 5 weeks = 5 periods <ul style="list-style-type: none"> Literature - 2 periods Grammar - 2 periods S.E + Worksheet + Activity - 1 period 	সাহিত্য সঞ্চয়নঃ ১। বোকা কুমিরের কথা (গদ্য) ২। নেমন্তন্ন (পদ্য) ব্যাকরণঃ ১। পদ পরিচয় (বিশেষ্য, সর্বনাম ও ক্রিয়া) ২। বচন	<ul style="list-style-type: none"> Reading (S.E) Worksheet : Grammar (S.E) Recitation (S.E) Word Spelling (S.E)
PA - 2	40 days = 6 weeks = 7 periods <ul style="list-style-type: none"> Literature - 2 periods Grammar + Writing - 3 periods S.E + Worksheet + Activity - 1 period Assignment - 1 period 	সাহিত্য সঞ্চয়নঃ ১। হরিহর (গদ্য) ২। আমাদের সঙ্গী (পদ্য) ব্যাকরণঃ ১। পদ পরিচয় বিশেষণ পদ ও অব্যয় পদ ২। পুরুষ ৩। অনুচ্ছেদ - পরে জানানো হবে + PA - 1 Syllabus	<ul style="list-style-type: none"> Reading (S.E) Worksheet : Grammar (S.E) Recitation (S.E) Assignment

PA - 3	<p>28 days = 4 weeks = 4 periods</p> <ul style="list-style-type: none"> Literature - 2 periods Grammar - 2 periods 	<p>সাহিত্য সঞ্চয়নঃ ১। পেটুক (গদ্য) ২। পাকাপাকি (পদ্য)</p> <p>ব্যাকরণঃ ১। শুদ্ধ বানান ২। বাক্য (গঠনগত) ৩। সমার্থক শব্দ</p>	<ul style="list-style-type: none"> Reading (S.E) Worksheet : Grammar (S.E) Recitation (S.E) Spelling (S.E) Hand writing
PA - 4	<p>45 days = 6 weeks = 7 periods</p> <ul style="list-style-type: none"> Literature - 2 periods Grammar + Writing - 3 periods S.E + Worksheet + Activity - 1 period Art Integration - 1 period 	<p>সাহিত্য সঞ্চয়নঃ ১। নয়নছাতি (গদ্য) ২। বর্ষারানি (পদ্য)</p> <p>ব্যাকরণঃ ১। বাক্য (অর্থগত) ২। লিঙ্গ ৩। অনুচ্ছেদ - পরে জানানো হবে</p> <p style="text-align: center;">+</p> <p style="text-align: center;">PA - 3 Syllabus</p> <p style="text-align: center;">+</p> <p style="text-align: center;">10% of Term - I Syllabus</p> <p>১। হরিহর (গদ্য)</p>	<ul style="list-style-type: none"> Reading (S.E) Worksheet : Grammar (S.E) Recitation (S.E) A.I

Sub - 3rd LANGUAGE (SANSKRIT)

S.NO	NO. OF PERIODS	CONTENT	ART INTEGRATION AND SUBJECT ENRICHMENT
1.(P.A-1)	9 Days = 9 Periods	<ol style="list-style-type: none">वर्णाः - स्वरवर्णाः, व्यञ्जनवर्णाः, वर्णविचारःकार, शब्दगठन, युक्ताक्षरप्रथमपाठः - सुभाषितानिद्वितीयपाठः - बिलस्य वाणी न कदापि मे श्रुताशब्दरूपः - वालकः, अस्मद्धातुरूपः - खाद् (लट्, लङ्, लृट्)Revision	<ol style="list-style-type: none">Fill in the blanks.ChartSolve worksheetsGroup activities- Recitation SingingText exercise
2. (P.A-2)	8 Days = 8 Periods	<ol style="list-style-type: none">दशमपाठः - नीतिनवनीतम्एकादशपाठः - सावित्री बाई फुलेशब्दरूपः - लता, युष्मद्संख्यावाचकशब्दाः- 1-50Revision + P.A-1	<ol style="list-style-type: none">Dialogue enactmentSolve worksheetsGroup activities- chart& model preparationText exercise

3.(P.A-3)	6 Days = 6 Periods	1.नवमपाठः -सप्तभगिन्यः 2. सप्तमपाठः - भारतजनतासहम् 3.संख्यावाचकशब्दाः - 50-100 4.शब्दरूपः - मातृ 5.धातुरूपः - इष् (लट्, लङ्, लृट्) 6.Revision	1. They will enact dialogues , 2. Group activities-chart & model preparation. 3.Solve worksheet 4. Translation 5. Text exercise
4.(P.A-4)	10 Days = 10 periods	1.चतुर्दशपाठः - आर्यभटः 2.संख्यावाचकशब्दाः - 1-100 3.कारकम् ,प्रत्ययः 4.शब्दरूपः - राजन् 5.धातुरूपः -खाद् ,इष्(लट्, लङ्, लृट्) 6.Revision 7. PA-1+ PA-2+PA-3	1. Portfolio complete. 2. Group Activities-Role play, Recitation 3. Translation 4. Solve worksheets 5. Text exercise

Sub - 3rd LANGUAGE (FRENCH)

S.NO	NO.OF PERIODS	CONTENT	ART INTEGRATION AND SUBJECT ENRICHMENT
1(P.A-1)	9 days=9 Periods	<ol style="list-style-type: none"> 1. <u>Leçon-0</u>, Revision Greetings, alphabets & numbers. Family, season, months, days 1P 2. <u>Leçon -1</u>, Conversation, self-presentation, revision. 1P 3. <u>Leçon -3</u>, Introduction to France , French culture, food, places, famous buildings etc. 1P 4. <u>Leçon-4</u>. 1P 5. Revision, Chapter revision with <u>grammer</u>. Pronouns. 2P 6. <u>Leçon-5</u>, Articles and prepositions. Time. In the cafeteria. 1P 7. Revision, Numbers 1 to 1000. Describe a day. Professions. 1P 8. Revision and relearning test. 1P 	<ol style="list-style-type: none"> 1. Audio visual 2. Solve /Match the following 3. Cross-words fill in the blanks. 4. Make a portfolio. 5. Solve worksheets 6. Group activities 7. Chart preparation

2.PA- 2	8 days = 8 classes	<p>-----</p> <ol style="list-style-type: none"> 1. <u>Leçon-6, Adjectives masculine feminine, advanced grammar, 1P</u> 2. <u>Leçon-7, Revision, Knowing France and its culture. 1P</u> 3. <u>Leçon-2 exercises and revision. 1P</u> 	<ol style="list-style-type: none"> 1. Group activities. 2. Worksheets. 3. Fill in the blanks. 4. Translation 5. Chart preparation
		<ol style="list-style-type: none"> 4. <u>Leçon-8, Opposite words, adjectives. visiting a shop. 1P</u> 5. <u>Revision and activities. 1P</u> 6. <u>Paragraph and small story writing. 2P Imperative, affirmative, negative interrogative (revision)</u> 7. <u>Poem and chapters Revision and relearning test. 1P</u> 	

3.PA-3	6 days = 6 periods	<ol style="list-style-type: none"> 1. Comprehension past tense and future tense practice. 1P 2. Leçon- 9, Singular plural. My home. Advanced grammar 1P 3. Revision and activity. 1P 4. The festivals. The food 1P 5. Chapter revision and audio visual class 1P 6. Revision and relearning test. 1P 	<ol style="list-style-type: none"> 1. They will enact Dialogues 2. Comprehension practice 3. Workshops
4.PA-4	10 days = 10 Periods.	<ol style="list-style-type: none"> 1. National flags and nationalities. Geography of France. Audio visual. Brief History of France. (revision/ movie showing) 1P 2. Advance grammar: 2P 	<ol style="list-style-type: none"> 1. Portfolio complete. 2. Worksheets and group activities. 3. Role play. Recitation 4, cultural and Heritage trip.

		<p>3. Letter writing/ paragraph writing (Informal). Irregular verbs. 2P</p> <p>4. <u>Leçon</u>-10, 1P</p> <p>5. Activities. Story writing Description of a city. Explanation. Grammar revision 2P</p> <p>6. Revision and relearning test.2p</p>	
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Sub – MATHEMATICS

Term I						Term II					
PA1			PA2			PA3			PA4		
Sl.No	Chapters Name		Sl.No	Chapters Name		Sl.No	Chapters Name		Sl.No	Chapters Name	
1	Rational Numbers		1	Algebraic Expressions		1	Percentage And Its Applications		1	Mensuration	
2	Exponents And Powers		2	Factorisations		2	Cube And Cube Roots -		2	Compound Interest	
3	Squares And Square Roots		3	Linear Equations In One variables		3	Data Handling		3	Direct And Indirect Variations	
4	Revision		4	Understanding Quadrilaterals		4	Introduction To Graph		4	PA3	
			5	PA1		5	Revision		5	Revision	
			6	Revision					6	Chapters Included From Term I	
									7	Exponents And Powers	
									8	Algebraic Expressions	
									9	Factorisation	
									10	Linear Equations in One Variable	

Sub – Science

TERM I (PA1 + PA2)		TERM I (PA3 + PA4)	
PA1 (5 WEEKS)	PA2 (6 WEEKS) [HALF YEARLY]	PA3 (5 WEEKS)	PA4 (6 WEEKS) [YEARLY]
PHYSICS			
<u>Force and Pressure</u> <ul style="list-style-type: none"> • Effects of force • Types of force • Pressure • Pressure exerted by liquids 	<u>Friction</u> <ul style="list-style-type: none"> • Force of friction • Factors affecting friction • Types of friction <u>Some Natural Phenomena</u> <ul style="list-style-type: none"> • Lightning • Charging by rubbing • Earthquakes + PA1 (Full)	<u>Sound</u> <ul style="list-style-type: none"> • Sound is produced by a vibrating body • Sound needs a medium for propagation • How do we hear sound • Sound wave • Musical instrument and noise • Noise pollution 	<u>Light</u> <ul style="list-style-type: none"> • What makes things visible • Reflection • Dispersion • Human eye + PA3 (Full) + 20 % from Term –I[Force and Pressure]
Chemistry			
<u>Coal and Petroleum</u> <ul style="list-style-type: none"> • Concept of element and compound, atom and molecule • Natural Resources • Coal • Petroleum • Natural gas • Fossil fuel 	<u>Combustion and Flame</u> <ul style="list-style-type: none"> • Combustion • Flame • Fuel + PA1 (Full)	<u>Chemical effects of electric current</u> <ul style="list-style-type: none"> • Electrical conductivity • Electroplating • Chemical effects of electric current 	<u>Plastic, Air and Water Pollution</u> <ul style="list-style-type: none"> • Plastic and its role • Harmful effect of plastic • Reduction of plastic use • Causes and effects of air pollution • Greenhouse effect • Causes and effect of water pollution • Control of air and water pollution + PA3 (Full) + 20 % from Term –I [Combustion and Flame]

Biology

<u>Reproduction in Animals</u>	<u>Reaching the Age of Adolescence</u>	<u>Microorganisms: Friend and Foe</u>	<u>Crop Production and Management</u>
<ul style="list-style-type: none">● Modes of Reproduction● Reproduction in humans● IVF● Viviparous and Oviparous animals● Development of chick● Metamorphosis in Frog and Silk moth● Asexual reproduction	<ul style="list-style-type: none">● Adolescence & puberty● Reproductive phase in human● Sex determination● Endocrine glands and their hormones● Role of hormone in metamorphosis● Reproductive health <p>+ PA1 (Full)</p>	<ul style="list-style-type: none">● Types of Microorganisms● Useful Microorganisms● Harmful Microorganisms● Food preservation● Nitrogen fixation	<ul style="list-style-type: none">● Agriculture practices● Food from animals <p><u>Conservation of Plants and Animals</u></p> <ul style="list-style-type: none">● Deforestation● Conservation of forest and wildlife <p>+ PA3 (Full) + 20 % from Term –I [Reproduction]</p>

Sub – SOCIAL SCIENCE

SL. NO.	NO. OF PERIODS	CONTENTS	ART INTEGRATION AND SUBJECT ENRICHMENT
P.A-1	38 Days = 6 weeks History- 12P. Civics- 6p. Geo- 12 P.	History: 1) How, When and Where 2) From Trade to Territory Civics: 1) The Indian Constitution and Secularism. Geography: • Resource	History: 1. Map Pointing (S.E) Civics: 1. Frame a constitution that should contain all the rules and regulations that the students should abide by. (S.E) Geography: 1. Draw or paste the pictures of any six resources. It must include Renewable, Non-renewable and man-made resources. Write five sentences about each resource. (A.I) 2. Project Work: Sustainable Development. + MAP POINTING
P.A-2	42 Days = 7 weeks History- 14 P. Civics- 7P. Geo- 14 P.	History- 1) Ruling the Countryside 2) Tribal, Dikus and the Vision of Golden Age Civics- 1) Parliament and Making of Laws. +P. A-1 Geography: 1. Land, Soil, Water, Natural Vegetation and Wildlife Resources 2. Industries +PA- 1	History: • Pictorial presentation of any Tribal Art-form. (A.I) + Performing Art – Performance of Folk Dance and Song Civics: 1. Mock Parliament + Map Pointing Geography: • Classify the vertical section of soil from the ground to surface (Soil Profile) (A.I) / Draw or paste the pictures of

			<p>any two animals found in different types of forests. (A.I)</p> <ul style="list-style-type: none"> • Poster making: write slogans on save trees and wild animals. (S.E) • Map Work: In the outline map of India, mark the major coal, iron, bauxite, mica and petroleum producing areas. <p>+ MAP POINTING</p>
P.A-3	<p>40 Days = 5 weeks</p> <p>History- 10 P. Civics- 5 P. Geo- 10 P.</p>	<p>History-1) When People Rebel (1857 and After)</p> <p>2) Civilising the 'native' Educating the Nation</p> <p>Civics-</p> <ul style="list-style-type: none"> • Judiciary <p>Geography-</p> <p>Agriculture</p>	<p>History:</p> <ol style="list-style-type: none"> 1) Debate or Extempore on the Education System 2) Documentary on Birsa Munda. <p>Geography:</p> <ul style="list-style-type: none"> • In a World map locate the Distribution of the Arable land. (A.I) • Differentiate the development pattern of farming in India and U.S.A (S.E) <p>+ MAP POINTING</p>
P.A-4	<p>49 days = 7 weeks</p> <p>History- 14P. Civics- 7 P. Geo- 14 P.</p>	<p>History:</p> <ol style="list-style-type: none"> 1) The making of the National Movements (1870-1947) 2) India after Independence <p>Civics:</p> <ol style="list-style-type: none"> 1) Social Justice and Marginalised 2) Economic Presence of the Government <p>+PA3.</p> <p>Geography:</p> <ul style="list-style-type: none"> • Human Resource 	<p>History:</p> <ol style="list-style-type: none"> 1) Evolution of the National Flag 2) A Map representing fabrics of different regions of India. 3) Model making - Handloom <p>+ Map Pointing</p> <p>Geography:</p> <ol style="list-style-type: none"> 1. In a World map show the distribution of Iron ore and Cotton Textile Industries. (A.I) 2. Diagrammatically explain the Population pyramid with special reference to India and Japan. (S.E)

		20% of the Term-I Syllabus: - 1) Colonialism and the City 2) Parliament and the Making of Laws (Only the Last Unit) 3) Land, Soil, Water, Natural Vegetation and Wildlife Resources	+ MAP POINTING
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Sub – Computer

Sl.No	Contents	No. of Days	Art Integration and Subject Enrichment
PA1	Chapter 1: Computer Networking (Theory)	(4 days)	Creating a model of smart room consisting of certain virtual assistants.
	Chapter 7: Images, Links and Frames in HTML5 (Practical + Theory) Images, Links and Frames in HTML5 will be explained in Computer lab or Smart board	(4 days)	
	Practical in lab - 1 day Revision - 2 days Class using Smart Board - 1 day from the mentioned classes		
PA2	Chapter 2: Introduction to Adobe Photoshop CC (Theory)	(3 days)	Draw the diagram of different types of network topologies in a chart paper to understand the geometric arrangement of nodes in a network.
	Chapter 3 : More on Photoshop CC (Theory)	(3 days)	
	Chapter 4 : Computer Safety and Security (Theory)	(3 days)	
	Practical in lab - 3 days (Continuation from PA1) Revision - 2 days + PA1		
PA3	Chapter 8: Loop in Python (Practical + Theory)	(4 days)	Draw a Poster on the topic – “Usage of Big Data in AI”
	Chapter 10 : Domains AI (Theory) Loop in Python will be explained in Computer lab or Smart board	(3 days)	

	Practical in lab - 2 days Revision - 2 days Class using Smart Board - 1 day from the mentioned classes		
PA4	Chapter 5: Google Apps (Theory)	(3 days)	Representing the string operators (concatenation and replication) by using pictorial representation on a chart paper.
	Chapter 6: Latest Technological Developments (Theory)	(3 days)	
	Chapter 9: Functions and String in Python (Theory) Functions and String in Python need to be shown in Smart Board or Computer Lab	(3 days)	
	+ PA3 20 % from Term I (Chapter 1 : Computer Networking) Practical in lab - 3 days (Continuation of PA3) Revision - 2 days Class using Smart Board - 1 day from the mentioned classes		

Term I Practical

1. Creating a webpage by inserting images using tag.
2. Creating a webpage by dividing it into three columns using <iframe> tag.
Refer page no. 125 and 127 of the proposed textbook.

Term II Practical

Programs in Python using for and while loop–

1. Armstrong number
2. Multiplication table of a number
3. Sum of first ten even numbers etc.

Refer page no. 139 of the proposed textbook.