

**SUBJECT – ENGLISH**

Month	Name of the topic	Aims / Objective	Subject Enrichment	Project
April	<b>Reading:</b> Unseen Passages	To develop & sharpen comprehension skills.		Poster Making
	<b>Writing:</b> Article Writing	To enhance the ability of formal writing to give specific information within word limit. To develop each point in a simple & appropriate language.		
	<b>Grammar:</b> Syntax; Gap Filling	To teach the proper use of grammatical structure in meaningful context.		
	<b>Literature:</b> Beehive L-1: The Fun They Had Poem 1: The Road Not Taken Moments- L-1: The Lost Child	To make the students aware of virtual reality / virtual classroom To enable students to make the right choice in life. To make them realize the importance of parents.		
May	<b>Reading:</b> Unseen Passages	To develop & sharpen comprehension skills.		
	<b>Writing:</b> Diary Entry	To enhance the ability of formal writing to give specific information within word limit.		
	<b>Grammar:</b> Syntax; Editing	To teach the proper use of grammatical structure in meaningful context		
	<b>Literature:</b> Beehive L-2: The Sound of Music Poem 2: Wind Moments-L-2: The Adventures of Toto	To make them aware of the importance of determination hard work and courage in life. To make them learn the destructions of caused by wind To make them learn that we must love animals		
July	<b>Reading:</b> Unseen Passages	To develop & sharpen comprehension skills.		
	<b>Writing</b> Paragraph Writing, Story Writing	To teach how to develop and write an objective & brief description of a person with given input in limited words. To promote the habit of writing events with reference to personal expressions in a creative way.		
	<b>Grammar:</b> Determiners Gap filling, Editing	To enhance the ability to understand & apply correct grammatical usage.		
	<b>Literature:</b> Beehive L-3: The Little Girl Poem 3: Rain on the Roof Poem -4 Lake Isle..... Moments - L-3 : Iswaran the Storyteller	To encourage students to think about the relationship between children and parents Enhance the ability to appreciate nature To enable them to take good decisions in all circumstances.		
August	<b>Reading:</b> Unseen Passages	To develop & sharpen comprehension skills.		
	<b>Writing:</b> Article Writing	To enhance their writing skills, enabling them to plan, organize & present ideas coherently (C O D E)		
	<b>Grammar:</b> Verb (Voice)	To teach proper usage of different forms of		



	<b>Procedure Writing</b>	verbs	
	<b>Literature:</b> Beehive L-4: A Truly Beautiful Mind  L-5: The Snake and the Mirror Poem 5: A Legend of the Northland  Moments - L-4: In The Kingdom of Fools L-5 The Happy Prince	To make them understand what qualities in a person can make him a genius or a great person To make them aware of the feeling of self-realization To make them understand that true happiness lies in sharing things with the people who are in need. To make them understand the importance of wisdom in our life. To make them understand that love and sacrifice are two saving forces.	ASL
<b>September</b>	<b>Reading:</b> Unseen Passages	To develop & sharpen comprehension skills.	
	<b>Writing:</b> Diary Writing	To enable a child to develop ideas on a given issues / situation in a convincing way.	
	<b>Grammar:</b> Tenses, Voices (Active / Passive) Procedure Writing	To enable a child to transform the sentences from one voice to other.	
	<b>Literature:</b> Beehive L-6: My Childhood  Poem 6: No men are Foreign	To make them aware of the themes of harmony and prejudice, tradition and change. To make them aware of human qualities.	
<b>October</b>	<b>Reading:</b> Unseen Passages	To develop & sharpen comprehension skills.	
	<b>Writing:</b> Writing Formal Letter	To teach the circulation of specific information.	
	<b>Grammar:</b> Omission Editing	To acquaint the child with proper grammatical usage.	
	<b>Literature:</b> Beehive L-7: Reach for the Top Moments – L-7: Last Leaf	To acquaint them with the qualities needed for success. To make them aware of the role of our positive thoughts in making our life happy.	
<b>November</b>	<b>Reading:</b> Unseen Passages	To develop & sharpen comprehension skills.	
	<b>Writing:</b> Diary Entry Practice	To enable the child to reproduce his/her feelings precisely.	
	<b>Grammar:</b> Reported Speech	To understand the concept of speech where the tenses, word-order and pronouns may be different from those in the original sentence.	
	<b>Literature:</b> Beehive L-8: Kathmandu  Poem-7: On Killing a Tree  Moments - L-8 : A House is not a Home	To make them understand the rich legacy of Nepal. To tell them about the strong attachment between nature and human life. To teach them the importance & values of a Home.	ASL
<b>December</b>	<b>Reading:</b> Unseen Passages	To develop & sharpen comprehension skills.	





	<b>Writing:</b> Revision through practice	To clear the doubts through practice		
	<b>Grammar:</b> Revision through practice	To clear the doubts through practice		
	<b>Literature:</b> Beehive L-9: If I Were You	To teach them the lesson that one should inculcate the values of self-control and patience and should try to improve on mindless things to give message that society has power to reform a man. To enable them to encounter the challenges and problems of our life boldly.		
	Poem-8: A Slumber Did My Spirit Seal			
January	<b>Reading:</b> Unseen Passages	To develop & sharpen comprehension skills.		
	<b>Writing:</b> Reported Speech Revision	To enable the child to understand grammatical concepts and usage.		
	<b>Grammar:</b> Revision			
	Revision			
February	Revision for Annual Examination			

## Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Qualifying	Annual
Reading: Unseen Passages Writing: Diary entry, Article Writing Grammar – Editing, Gap Filling, Syntax Literature: Beehive – L-1 Poem – 1, 2 Moments – L-1	Reading: Unseen Passages Writing: Story writing, Article writing / paragraph writing Grammar: Gap Filling, Omission / Editing, Syntax Literature: Beehive – L-2, 3, Poem 3, 4 Moments – L-2, 3	Reading: Unseen Passages Writing: Story writing, Article Writing & Diary entry Grammar: Editing / Omission, Syntax, Gap filling, Procedure Writing Literature: Beehive – L-1 to 5 Poem – 1 to 5 Moments – 1 to 5	Reading: Unseen Passages Writing: Story writing, Diary entry & Formal Letter Writing Grammar: Editing, Omission, Syntax, Gap filling, Reported speech Literature: Beehive – L-6, 7 Poem – 6 Moments – L-6	Reading: Unseen Passages Writing: Article writing, Story writing & Diary entry Grammar: Reported Speech, Voices, Editing / omitting, Gap filling & Syntax Literature: Beehive – L-1 to 9, Poem – 1 to 8 Moments L 1 to 8	Reading: Unseen Passages Writing – Article Writing, Story Writing, Diary Entry Formal letter Grammar: Editing, Omission, Syntax, Gap filling, Procedure Writing Reported Speech & Previous work Literature: Beehive - L-1 to 9 Poems 1 to 8 Moments – L 1 to 8

**SUBJECT – HINDI**

Month	Name of the topic	Aims / Objective	Subject Enrichment
अप्रैल	वाचन कौशल - अपठित गद्यांश ,पद्यांश व्याकरण - उपसर्ग ,प्रत्यय ,समास साहित्य - क्षितिज -गद्य पाठ-1 दो बैलों की कथा पद्य पाठ -7 कबीर जी की साखियाँ और (पहला सबद केवल ) कृतिका - पाठ-1 इस जल प्रलय में लेखन कौशल - अनुच्छेद लेखन ,पत्र लेखन (औपचारिक / अनौपचारिक )	अध्ययनशीलता ,एकाग्रता , अर्थग्रहण क्षमता का विकास करना । भाषा का शुद्ध व्याकरणिक प्रयोग सिखाना । प्रेमचंद की रचनाओं का परिचय तथा पशुओं के प्रति संवेदना की भावना विकसित करना । कबीरदास की रचनाओं का परिचय देते हुए सामाजिक कुप्रथाओं के प्रति जाग्रत करना । संयुक्त परिवार की महत्वता तथा सांस्कृतिक मूल्य समझाना । लेखन कौशल क्षमता को विकसित करना ।	भक्तिकालीन कवियों की रचनाओं का सचित्र संकलन ए -4 शीट पर लिखिए ।
मई	वाचन कौशल - अपठित गद्यांश ,पद्यांश व्याकरण - अर्थ की दृष्टि से वाक्य भेद साहित्य - क्षितिज गद्य पाठ - 2 लहासा की ओर , पद्य पाठ -8 वाख लेखन कौशल - ई-मेल, अनुच्छेद लेखन, संवाद लेखन, पत्र लेखन(औपचारिक/अनौपचारिक)	अध्ययनशीलता ,एकाग्रता , अर्थग्रहण क्षमता का विकास करना । सही वाक्य रचना , कल्पनाशीलता को विकसित करना । दुर्गम , अल्पज्ञात स्थानों का परिचय देना तथा यायावर जीवन की रोमांचक अनुभूतियों से परिचित करना । वाखों के माध्यम से छात्रों को आत्मज्ञान का महत्व समझाना । लेखन कौशल क्षमता को विकसित करना ।	अपने किसी उत्पादन को बाजार में उतारने के लिए एक आकर्षक विज्ञापन तैयार कीजिए।
जुलाई	वाचन कौशल - अपठित गद्यांश ,पद्यांश व्याकरण - अलंकार (अनुप्रास, यमक, श्लेष) साहित्य - क्षितिज गद्य पाठ- 3 उपभोक्तावाद की संस्कृति क्षितिज पद्य पाठ- 9 रसखान के सवैये कृतिका - पाठ-2 मेरे संग की औरतें लेखन कौशल - ई-मेल, लघु कथा, अनुच्छेद लेखन, संवाद लेखन, पत्र लेखन(औपचारिक/अनौपचारिक)	अर्थग्रहण क्षमता का विकास करना । भाषा का शुद्ध व्याकरणिक प्रयोग सिखाना । विज्ञापनों के भ्रामक जाल से परिचित कराना। भक्तिकालीन कवियों का ज्ञान कराना , तथा पदों का गीतात्मक शैली में गायन कराना । शब्दों की विचारबद्ध, अभिव्यक्ति करना सिखाना तथा लेखन क्षमता का विकास करना ।	छात्रों द्वारा ग्रीष्मावकाश के अनुभवों की अभिव्यक्ति करना ।
अगस्त	वाचन कौशल - अपठित गद्यांश ,पद्यांश व्याकरण - वाक्य भेद ,अलंकार ,उपसर्ग ,प्रत्यय ,समास ( पुनरावृत्ति कार्य ) साहित्य - क्षितिज पाठ-4 सांवले सपनों की याद क्षितिज पद्य पाठ- 10 कैदी और कोकिला लेखन कौशल -ई-मेल, पत्र लेखन ,(औपचारिक/अनौपचारिक) अनुच्छेद लेखन	अध्ययनशीलता ,एकाग्रता , अर्थग्रहण क्षमता का विकास करना । पुनरावृत्ति कार्य तथा पूर्ववर्ती ज्ञान को परखना । पक्षियों के संरक्षण हेतु छात्रों को प्रेरित करना। राष्ट्रीय कवियों से अवगत कराना तथा चिंतन की प्रवृत्ति का विकास करना । विचार अभिव्यक्ति , वाक्य निर्माण कौशल को विकसित करना ।	स्वतंत्र भारत की जेलों में अपराधियों को सुधार कर हृदय परिवर्तन के लिए प्रेरित किया जाता है। पता लगाइए कि इस दिशा में कौन-कौन से कार्यक्रम चल रहे हैं।
सितम्बर	( अर्धवार्षिक परीक्षा ) कृतिका पाठ -3 रीढ़ की हड्डी, सूचना लेखन	जीवन में स्त्री शिक्षा का महत्व समझाना तथा समाज को जागृत करना	
अक्टूबर	वाचन कौशल - अपठित गद्यांश ,पद्यांश व्याकरण - वाक्य भेद (पुनरावृत्ति) साहित्य - क्षितिज गद्य पाठ- 5 प्रेमचंद के फटे जूते क्षितिज पद्य पाठ- 11 ग्राम श्री,	अध्ययनशीलता ,एकाग्रता , अर्थग्रहण क्षमता का विकास करना । भाषा का शुद्ध व्याकरणिक प्रयोग सिखाना । प्रेमचंद के जीवन का परिचय देते हुए जीवन को किस तरह सादगीपूर्ण ढंग से कैसे जिया जाएं , बच्चों को बताना । ग्रामीण प्राकृतिक सौंदर्य की अद्भुत .छठा .से .परिचय कराना ।	





	पाठ- 12 मेघ आए लेखन कौशल - लघु कथा लेखन ,संवाद लेखन,पत्र लेखन(औपचारिक/अनौपचारिक) अनुच्छेद लेखन (पुनरावृत्ति)	मेघों के माध्यम से ग्रामीण रीतिरिवाजों से परिचित कराना शब्दों की विचारबद्ध,अभिव्यक्ति करना सिखाना तथा लेखन क्षमता का विकास करना ।	
<b>नवम्बर</b>	वाचन कौशल - अपठित गद्यांश ,पद्यांश व्याकरण - अलंकार (पुनरावृत्ति कार्य ) साहित्य - क्षितिज गद्य पाठ- 6 मेरे बचपन के दिन। क्षितिज पद्य पाठ-13 कविता- बच्चे काम पर जा रहे हैं । लेखन कौशल - लघु कथा, सूचना लेखन, ई-मेल,संवाद लेखन,पत्र लेखन(औपचारिक/अनौपचारिक)	अध्ययनशीलता ,एकाग्रता,अर्थग्रहण क्षमता का विकास करना। भाषा का शुद्ध व्याकरणिक प्रयोग सिखाना । तत्कालीन समाज में स्त्रियों की स्थिति से परिचित कराते हुए वर्तमान स्थिति से तुलनात्मक अध्ययन करना समाज में हो रहे बाल -श्रम के प्रति विरोध करना व बाल - श्रम के प्रति संवेदना का भाव जाग्रत करना ।दहेज प्रथा जैसी कुप्रथाओं का विरोध करना एवं स्त्री शिक्षा को बढ़ावा देना विचार अभिव्यक्ति , वाक्य निर्माण कौशल को विकसित करना ।	बाल श्रम की रोकथाम पर नाटक तैयार कर उसकी प्रस्तुति कीजिए।
<b>दिसम्बर</b>	वाचन कौशल - अपठित गद्यांश ,पद्यांश व्याकरण - पुनरावृत्ति कार्य साहित्य - क्षितिज गद्य -पुनरावृत्ति कार्य क्षितिज पद्य -पुनरावृत्ति कार्य कृतिका - पुनरावृत्ति कार्य लेखन कौशल - सूचना लेखन ,ई-मेल लेखन,संवाद लेखन,पत्र लेखन(औपचारिक/अनौपचारिक), अनुच्छेद लेखन ,लघु कथा लेखन ( पुनरावृत्ति कार्य)	अध्ययनशीलता ,एकाग्रता , अर्थग्रहण क्षमता का विकास करना। भाषा का शुद्ध व्याकरणिक प्रयोग सिखाना । पुनरावृत्ति कार्य तथा पूर्ववर्ती ज्ञान को परखना । पुनरावृत्ति कार्य तथा पूर्ववर्ती ज्ञान को परखना । पुनरावृत्ति कार्य तथा पूर्ववर्ती ज्ञान को परखना । विचार अभिव्यक्ति , वाक्य निर्माण कौशल को विकसित करना ।	
<b>जनवरी</b>	वाचन कौशल - परीक्षा हेतु पुनरावृत्ति अभ्यास पत्र हल कराना ।	पूर्ववर्ती ज्ञान को परखना ।	श्रवण /वाचन कौशल
<b>फरवरी</b>	वार्षिक परीक्षा हेतु पुनरावृत्ति कार्य	वार्षिक परीक्षा हेतु पुनरावृत्ति कार्य	

### Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Qualifying	Annual
अपठित गद्यांश , पद्यांश पत्र ,अनुच्छेद , संवाद उपसर्ग ,प्रत्यय ,समास (क्षितिज) गद्य पाठ-1 दो बैलों की कथा। पद्य पाठ-7 कबीर की साखियां एवं पहला सबद (कृतिका) पाठ-1 इस जल प्रलय में।	अपठित गद्यांश, पद्यांश लघु कथा लेखन, पत्र (औपचारिक, अनौपचारिक), अनुच्छेद लेखन। वाक्य-भेद (अर्थ के आधार पर),समास , अलंकार (अनुप्रास, यमक, श्लेष) (क्षितिज) पाठ-2 लहासा की ओर, पाठ-3 उपभोक्तावाद की संस्कृति, (पद्य) पाठ-8 वाख, पाठ-9 सवैये, (कृतिका) पाठ- 2 मेरे संग की औरतें।	अपठित पद्यांश ,गद्यांश पत्र (औपचारिक, अनौपचारिक) अनुच्छेद, संवाद, लघुकथा लेखन, ई-मेल लेखन। उपसर्ग, प्रत्यय ,समास, वाक्य भेद, अलंकार (अनुप्रास, यमक , श्लेष) (क्षितिज)- पाठ-1 दो बैलों की कथा, पाठ-2 लहासा की ओर, पाठ-3 उपभोक्तावाद की संस्कृति, पाठ-4 सांवल सपनों की याद।  (पद्य) पाठ -7 कबीर की साखियां,पाठ-8 वाख,	अपठित गद्यांश/पद्यांश अनुच्छेद लेखन,पत्र लेखन, लघुकथा लेखन समास,उपसर्ग,प्रत्यय, अर्थ के आधार पर वाक्य भेद, अलंकार - (अनुप्रास,यमक , श्लेष) (क्षितिज) गद्य-पाठ-5 प्रेमचंद के फटे जूते, पाठ - 6 मेरे बचपन के दिन (पद्य) पाठ – 11 ग्राम श्री, पाठ-12 मेघ आए (कृतिका) पाठ-3 रीढ़ की हड्डी।	अपठित गद्यांश, पद्यांश पत्र (औपचारिक, अनौपचारिक) , अनुच्छेद, लघु कथा लेखन, ई-मेल, संवाद एवं सूचना लेखन उपसर्ग, प्रत्यय, समास, वाक्य भेद (अर्थ के आधार पर) अलंकार - (अनुप्रास, यमक, श्लेष) (गद्य) पाठ-1 दो बैलों की कथा, पाठ- 2 लहासा की ओर, पाठ- 3 उपभोक्तावाद की संस्कृति, पाठ- 4 सांवल सपनों की याद, पाठ- 5 प्रेमचंद के फटे जूते, पाठ- 6 मेरे बचपन के दिन। (पद्य) पाठ-7 कबीर की साखियां एवं पहला सबद , पाठ- 3 वाख, पाठ- 9 सवैये, पाठ- 10 कैदी और कोकिला, पाठ- 11 ग्राम	अपठित गद्यांश, पद्यांश पत्र ,अनुच्छेद, लघु कथा लेखन, ई-मेल, संवाद एवं सूचना लेखन उपसर्ग, प्रत्यय, समास, वाक्य भेद (अर्थ के आधार पर) अलंकार - (अनुप्रास, यमक, श्लेष) (गद्य) पाठ-1 दो बैलों की कथा, पाठ- 2 लहासा की ओर, पाठ- 3 उपभोक्तावाद की संस्कृति, पाठ- 4 सांवल सपनों की याद, पाठ- 5 प्रेमचंद के फटे जूते, पाठ- 6 मेरे बचपन के दिन। (पद्य) पाठ-7 कबीर की साखियां एवं पहला सबद , पाठ- 3 वाख, पाठ- 9 सवैये, पाठ- 10 कैदी और कोकिला, पाठ- 11 ग्राम



## CLASS: IX – BIFURCATED SYLLABUS – 2025 – 26



		पाठ-9 सवैये, पाठ-10 कैदी और कोकिला (कृतिका) - पाठ 1-इस जल प्रलय में , पाठ 2 - मेरे संग की औरतें।		प्रलय में, पाठ- 2 मेरे संग की औरतें, पाठ- 3 रीढ़ की हड्डी।	श्री, पाठ- 12 मेघ आए, पाठ- 13 बच्चे काम पर जा रहे हैं। (कृतिका) - पाठ-1 इस जल प्रलय में, पाठ- 2 मेरे संग की औरतें, पाठ- 3 रीढ़ की हड्डी।
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**SUBJECT – SANSKRIT**

Month	Name of Chapter	Objective / Aim	Enrichment Activity	Project / Stem
April	खंड क - शेमुषी - - पाठ 1 भारतीवसंतगीतिः, पाठ 2 स्वर्ण काकः पठित गद्यांश प्रश्नोत्तर अभ्यास । खंड ख - व्याकरण -स्वर संधि - गुण संधि, दीर्घ संधि ।संख्या अकारांत पुल्लिङ्ग शब्द रूप । समय	छात्रों को स्वाधीनता संग्राम की पृष्ठभूमि से अवगत कराना तथा छात्रों में स्वाधीनता की भावना को जागृत करना । छात्रों को स्वर संधि से अवगत कराना तथा लिंग बोध कराना ।		
May	खंड क - शेमुषी - - पाठ 3 गोदोहनम् खंड ख - व्याकरण -प्रत्यय - क्त्वा, ल्यप् । उपसर्ग । कर्त्ता तथा कर्म कारक वाक्य प्रयोग, आकारांत स्त्रीलिंग शब्दरूप धातु रूप -लोट् तथा लङ् लकार	कथा के माध्यम से छात्रों को लालच जैसे दोषों का बोध कराना । छात्रों को प्रश्न निर्माण विधि से अवगत कराते हुए सर्वनाम शब्द रूपों का ज्ञान कराना । लकार परिचय ।		
July	खंड क - शेमुषी - पाठ 4 सूक्तिमौक्तिकम्, प्रश्ननिर्माण विधि, खंड ख - व्याकरण - पठ्, पा दृश् धातु रूप लट् लकार तथा लृट् लकार में, प्रत्यय करण कारक प्रयोग द्वारा वाक्य निर्माण ।	सच्चाई और इमानदारी जैसे गुणों का विकास करने का प्रयास करना । सूक्तियों के माध्यम से चरित्र निर्माण में सहायक गुणों का विकास करना । कारक ज्ञान कराते हुए लकार भेदों को स्पष्ट करना ।		
August	खंड क शेमुषी - पाठ 5 भ्रान्तो बालः प्रश्न निर्माण करना । खंड ख - व्याकरण -स्वर संधि - यण संधि । समय, अशुद्धिसंशोधन , चित्र वर्णनम्	कथा के माध्यम से छात्रों को कानून व्यवस्था से अवगत कराना । स्वरों में होने वाले परिवर्तनों का ज्ञान तथा समय का बोध कराना		
September	खंड क शेमुषी - पाठ 6 लौहतुला खंड ख - व्याकरण - स्वर संधि, प्रत्यय, संख्या, उपसर्ग, शब्द रूप धातु रूप	अस्माद्, युष्मद् आदि सर्वनाम शब्द रूपों का ज्ञान कराना ।	सूक्ति कलश के माध्यम से चारित्रिक गुणों की रूपरेखा तैयार करते हुए चार्ट पर पाँच सूक्तियाँ लिखो ।	परिश्रम का फल ' कहानी का संस्कृत में अनुवाद करें ।
October	खंड क शेमुषी - पाठ 7 सिकतासेतुः पाठ 8 जटायोः शौर्यम् खंड ख - व्याकरण वाक्य निर्माण, चित्र वर्णन, व्यंजन संधि, शब्द रूप ।	मनोहर कथा के माध्यम से समय के महत्व तथा अध्ययन के महत्व का बोध कराना । कारक ज्ञान कराते हुए वाक्य निर्माण कराना । छात्रों को रामायण कथा से अवगत कराना ।		





<b>November</b>	<b>खंड क शेमुषी</b> - पाठ 9 पर्यावरणम् <b>खंड ख - व्याकरण</b> - प्रत्यय, उपपदविभक्ति, अशुद्धि संशोधन, पत्र	परिश्रमेण हि सिध्यंति कार्याणि न हि मनोरथे अर्थात् छात्रों को परिश्रम का महत्व समझाना ।	कारक प्रयोग करते हुए दैनिक दिनचर्या से संबंधित सात वाक्य संस्कृत में लिखो ।	
<b>December</b>	<b>खंड क शेमुषी</b> - पाठ 10 वाङ्मनः प्राणस्वरूपम् <b>खंड ख - व्याकरण</b> - पत्र, चित्र वर्णन, अशुद्धि संशोधन, वाक्य निर्माण ।	छात्रों में लेखन कौशल का विकास करना तथा कारक व क्रिया से अवगत कराना ।		
<b>January</b>	<b>खंड क शेमुषी</b> - पर्यावरणम् <b>खंड ख - व्याकरण</b> - शब्द रूप, धातु रूप, उपसर्ग, संधि, प्रत्यय ।	पर्यावरण के महत्व को समझाते हुए छात्रों को पर्यावरण स्वच्छता के प्रति जागरूक करना ।	पर्यावरण स्वच्छता से संबंधित एक सुंदर विज्ञापन बनाते हुए संस्कृत में पांच वाक्य लिखो ।	पांच वाक्य संस्कृत में लिखो ।
<b>February</b>	शेमुषी - घटनाक्रम अभ्यास <b>व्याकरण</b> - कराए गये समस्त कार्य की पुनरावृत्ति ।			

**Exam Syllabus**

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Qualifying	Annual
शेमुषी - पाठ -1,2 अपठित गद्यांश, पठित गद्यांश संधि, प्रत्यय ' समय, संख्या, उपसर्ग	शेमुषी - पाठ -3, 4 अपठित गद्यांश, पठित गद्यांश संधि, अव्ययपद, अशुद्धि संशोधन, समय, संख्या, उपसर्ग,	शेमुषी - पाठ -1 से 5 तक, अपठित गद्यांश, पठित गद्यांश संधि, समय, अशुद्धिसंशोधन, प्रत्यय, अव्ययपद, वाक्यनिर्माण, चित्रवर्णनम्	शेमुषी - पाठ -6, 7 अपठित गद्यांश, पठित गद्यांश चित्रवर्णन, वाक्यनिर्माण, अशुद्धिसंशोधन, संधि, समय	शेमुषी - पाठ -3 - 10 अपठित गद्यांश, पठित गद्यांश पत्र, वाक्यनिर्माण, चित्रवर्णन, व्याकरण (सम्पूर्ण)	शेमुषी - पाठ -1 - 10 अपठित गद्यांश, पठित गद्यांश पत्र, चित्रवर्णन, प्रत्यय, संधि,) उपसर्ग, वाक्यनिर्माण, अशुद्धिसंशोधन, संख्या



**SUBJECT – FRENCH**

Month	Name of the Chapter	Objective	Communication/writing	Project
<b>April</b>	Leçon- 1 La famille Les verbes en –ER- Leçon 2 Au lycée Les adjectifs démonstrative Les verbes en –ir-	To make them revise ER verbs. To be able them to describe themselves and someone else.	Saluer Se presenter Présentez quelqu'un	
<b>May</b>	Leçon 2 Au lycée Les adjectifs démonstrative Les verbes en –ir- (Cont.)	To make them understand the usage of adjective demonstrative. To make them revise IR verbs.	Poser des questions	Portfolio on Education system of FRANCE
<b>July</b>	Leçon 3 Une journée de Pauline Les verbes pronominaux Leçon 4 Les saisons Le future simple, le future proche, l'impératif.	To be able them to describe their daily routine. To make them write the invitations. To make them revise the future tense and imperative.	Proposer quelque chose (accepter/refuser) Decrire les projects en utilisant le futur.	
<b>August</b>	Leçon 5 Les voyages Le passé composé	To make them revise the past tense. To be able them to write letter using past tense.	Raconter ses vacances en passé composé	
<b>September</b>	Leçon -6 Les loisirs et les sports	To make them express an action that happened often in the past and events without a specific duration.		
<b>October</b>	Leçon -6 Les loisirs et les sports (Cont.) Le verbes pronominaux au passé composé, L'imparfait	To make them express an action that happened often in the past and events without a specific duration.	Décrire des habitudes au passé (l'imparfait)	
<b>November</b>	Leçon -7 L'argent de poche Les negations, (Previous topics revision)	To make them revise all the concepts of negation.	Répondez les questions au negatif	
<b>December</b>	Leçon-8 Faire des achats Le pronoms relatifs simples	To make them understand the concept of pronoms relatively simple.	Utiliser le pronoms relatifs simple.	Poster on Save Environment



	(qui/que/ou)			
<b>January</b>	Revision			
<b>February</b>	Revision			

**Exam Syllabus**

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Qualifying	Annual
Leçon 1 et 2 Le text Les verbes en – ER- Decrivez l'image, Presentez votre camarade, L'adjectifs demonstratifs, trouvez la question, mettez en ordre, culture et civilisation.	Leçon 3 et 4 Le text Les verbes pronominaux, L'invitation (accepter/refuser ) Le future proche, Le future simple, L'imperatif Culture et civilization	Leçon 1 à 5 Le text Le passé composer, L'invitation (accepter/refuser ) La letter au passé composer Poser des questions. Le future proche, Le future simple, L'imperatif , Culture et civilization	Leçon 6 et 7 Le text Les verbes pronominaux au passé composer, L'imparfait Les negations Culture et civilization	Leçon 1,4,5,6,7 et 8 Le text Decrivez l'image, L'invitation (accepter/refuser ) Le future proche, Le future simple, L'imperatif La letter au passé composer L'imparfait Les negations Les pronoms Culture et civilization	Leçon 1 à 8 Le text Decrivez l'image, L'invitation (accepter/refuser ) Le future proche, Le future simple, L'imperatif Poser des questions La letter au passé composer L'imparfait Les negations Culture et civilization

**SUBJECT – SCIENCE**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
<b>April</b>	CH-1 Matter in our surroundings  CH-5 Cell: The fundamental unit of life  CH-7 Motion	The students will be able to understand the Characteristics of matter, types of matter, Change of state and evaporation. Students will be able to differentiate between animal cells and plant cells. Students understand prokaryotic and eukaryotic cells. The students will be able to know the types of motion, distance, displacement, equations of motion and graphical analysis.	1. Perform an activity to demonstrate the phenomenon of diffusion. 2. Perform the various reactions and classify them as physical or chemical changes. 3. Activity- To find the distance and displacement covered by an object	Project: Compare the mileage of two four wheelers
<b>May</b>	CH-5 Cell the fundamental unit of life (contd).  CH-7 Motion (Contd)	The students will be able to understand the functions of different cell organelles in a cell, and the types of cell division. The students will be able to know the concept of uniform circular motion	4. To prepare temporary mount of onion peel and human Cheek cell. 5. Activity- Graphical representation of different types of motion	
<b>July</b>	CH-2 Is matter around us pure?       CH-6 Tissues   CH-8 Force and Law of motion	The students will be able to Classify the different types of matter found around us into elements, compounds and mixture. Students will understand about homogenous and heterogeneous mixture, colloids different types of colloids and their example from daily life, their properties shown. Students can differentiate amongst the homogenous, heterogeneous and colloids. Understand the concept of Tyndall effect. Students will be able to understand the concept of classification of tissue. Plant tissue – their types, Function of each type and their location. The student will be able to know about the force and motion, Newton's laws of motion and its applications, inertia, and mass, momentum.	6. To prepare a mixture and compound using iron fillings and sulphur powder and distinguish between these on the basis of appearance, behavior towards magnet, behavior towards carbon disulphide as a solvent and effect of heat. 7. Exp.- To verify the Newtons third law of motion.  8. Activity- (i) Balance and unbalanced force. (ii) Based on different types of inertia.	STEM activity- Rubber Band car
<b>August</b>	CH-6 Tissue (contd)	Animal Tissue – its types, function of each type, their location, and features.  Numerical, graphical study, HOTS based questions.	9. Identification of tissue by prepared slides of plant and animal tissue. Nerve cell and draw	





	CH-8 Forces and laws of motion (contd.) CH-9 Gravitation	The student will be able to know about conservation of momentum, action, and reaction. The student will be able to know about the universal law of gravitation, gravity, mass and weight and free fall.	their diagram. 10. Exp.- Calculate the loss in weight of solid. i. Tap water. ii. Salty water	
<b>September</b>	Half Yearly Examination CH-3 Atoms and molecules  CH-9 Gravitation (Cont.)	Students will be able to study the Characteristics of atoms and molecules Student will be able to know analyse the problem based on Law of Gravitation (HOTS)		
<b>October</b>	CH-3 Atoms and molecules (Cont.)  CH-9 Gravitation (Cont.)  CH-12 Improvement in food resources	The students will be able to study the Characteristics of atoms and molecules The student will be able to understand the concept of floatation, relative density and application of Archimedes' principle Student will learn methods for Improvement in crop yields.	11.Exp.- To determine the density of solid by using a spring balance and a measuring cylinder.	Project Models based on Archimedes' principle.
<b>November</b>	CH-12 Improvement in food resources (cont.) CH-10 Work and energy	To understand the concept of animal husbandry.  The student will be able to know about the work, energy, and its various forms.		Prepare a herbarium file for any five medicinal plants.
<b>December</b>	CH-4 Structure of atom  CH-10 Work and energy (Cont.)	Student will learn the different theories of structure of atom – Their postulates and limitations. The student will be able to know about law of conservation of energy and power.		Activity- To calculate the electricity bill of a house STEM activity- Marimba
<b>January</b>	CH-11 Sound  CH-4 Structure of atom(contd.)	The student will be able to know about the sound, its measurement in terms of speed of sound, range of hearing and application of reflection of sound. Students will learn electronic configuration and valency.	12.Exp.- To verify the laws of reflection of sound. 13.Exp.- To determine the speed of pulse propagated through a stretched string/ sling (helical spring).	
<b>February</b>	Revision			

**Exam Syllabus**

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Qualifying	Annual
CH –1 Matter in our surrounding CH –5 Cell the fundamental unit of life (except cell organelles). CH – 7 Motion. (Except equations of motions and circular motion)	CH –2 Is matter around us pure CH –5 Cell the fundamental unit of life (Only cell organelles) CH-6 Tissues (Plant tissues only) CH – 8 Force and Law of motion (theory and formula based simple numerical)	CH- 1, 2, 5, 6 7, 8	CH- 3 Atoms and Molecules CH – 9 Gravitation CH- 12 Improvement in Food Resources	CH – 3, 4, 5, 6, 8, 9,10,12	Complete Syllabus



**SUBJECT – MATHS**

Month	Name of Chapter	Objective / Aim	Enrichment Activity
April	Ch-1: Number System	To learn about geometrical importance of rational and Irrational numbers, laws of exponents, type of decimal numbers	Square root spiral
	Ch-2: Polynomial	To learn about different types of polynomials, application of identities in factorization, finding all zeroes by theorems and real-life problems of algebraic expression.	Verification of $(A+B+C)^2$ using algebra kit
May	Ch-3: Coordinate Geometry  Ch-4: Linear equation in two variables Ch-5: Introduction to Euclid's Geometry	Students will be able to define the position of some object in 2D Plane and can calculate distance/perimeter/area of figure obtained by joining different positions/objects. To introduce learners about the linear equations in two variables and their Graphical representation. To introduce Euclid's Definitions, Axioms and Postulates	Understanding concept of coordinate geometry using XY axes kit.
July	Ch-5: Introduction to Euclid's Geometry (cont.) Ch-6: Lines and Angles Ch-7: Triangles	To learn about the basic definitions and terms used in lines and angles concept of intersecting lines. parallel lines and angles within, angle sum property in triangle. To learn about congruence, properties of triangles and application of criteria of geometrical problems	Angle sum property and other properties of Triangle
August	Ch-7: Triangles continue.....  Ch-10: Heron's Formula  Revision	To learn about congruence, properties of triangles and application of criteria of geometrical problems To know the perimeter of a triangle and heron's formula in finding the area of a triangle and quadrilateral.	
September	Ch-12: Statistics	To represent the given data in the form of frequency distribution table, drawing of different Bar graphs, histogram, frequency polygon, the concept of mean, median and mode. Presentation. Analysis and interpretation of data	
October	Ch-12: Statistics (Cont.)  Ch-8: Quadrilaterals	To represent the given data in the form of frequency distribution table, drawing of different Bar graphs, histogram, frequency polygon, the concept of mean, median and mode. Presentation. Analysis and interpretation of data To learn about different types of quadrilaterals, and solving problems based on them	
November	Ch-8: Quadrilaterals (cont.---)  Ch-9: Circles	Theorems based on properties of types of quadrilaterals, Mid – Point theorem and its application To understand the concept of circle and its related terms, angle subtended by a	Quadrilateral and its properties Using Theorem kit





		chord, angle subtended by an arc of a circle, cyclic quadrilateral	
<b>December</b>	Ch-9: Circles (Cont.)  Ch-11: Surface Area and Volume	To understand the concept of circle and its related terms, angle subtended by a chord, angle subtended by an arc of a circle, cyclic quadrilateral. To know the surface area and volume of 3 – D shapes.	Verify that the angle on the same segment are equal by using lab kit
<b>January</b>	Ch-11: Surface Area and Volume (Cont.)	To know the surface area and volume of 3 – D shapes.	Surface area and volume of 3D shapes
<b>February</b>	Revision		

### Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Qualifying	Annual
Ch. 1, 2	Ch. 3, 4, 6	Ch. 1, 2, 3, 4, 5, 6, 7, 10	Ch. 8, 12	Ch. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12	Ch. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12



**SUBJECT – SOCIAL SCIENCE**

Month	Subject	Ch N0	Chapter Name	Learning Objectives	Enrichment Activity/ Project
April	History	1	The French Revolution	Familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it.	Outline Political Map of France (For locating and labelling / Identification) · Bordeaux · Nantes · Paris · Marseilles
	Civics	1	What is Democracy? Why Democracy?	Understand how different historical processes and forces have promoted democracy. · Develop a sophisticated defence of democracy against common prejudices. · Develop a historical sense of the choice and nature of democracy in India.	
	Geography	1	India- Size and Location	To know the location and size of India in the world	Map work <ul style="list-style-type: none"> <li>• Location of India in world map</li> <li>• Latitudinal and Longitudinal extent of India</li> <li>• Political Map with all states and union territories</li> </ul>
	Economics	1	Story of Village Palampur (Only for periodic assessment)	To know the meaning of production and various factors of production. To understand the concept of economic and non-economic activities.	Group Discussion
May	History	1	The French Revolution Continued...	Know the use of written, oral and visual material to recover the history of revolutions.	
	Geography	2	Physical Features of India	Major Landform features and the geological structures.	Map work <ul style="list-style-type: none"> <li>• Mountain peaks</li> <li>• Disaster Management (CBSE Project)</li> </ul>
	Economics	1	Story of Village Palampur (Cont.)	Understand the meaning and difference between Farming and non-farming activities.	



<b>July</b>	History	2	Socialism in Europe and the Russian Revolution	Familiarize with the different types of ideas that inspired the revolution.	Outline Political Map of World (For locating and labelling / Identification) · Major countries of First World War 12 (Central Powers and Allied Powers) Central Powers - Germany, Austria-Hungary, Turkey (Ottoman Empire) Allied Powers - France, England, Russia, U.S.A.
	Civics	2	Constitutional Design	Understand the process of Constitution making. · Develop respect for the Constitution and appreciation for Constitutional values. · Recognize Constitution as a dynamic and living.	Quiz
	Geography	2 3	Physical features of India (Cont.) Drainage	Origin and drainage basin of Northern and Peninsular rivers. Lakes and Conservation	Map work • Rivers and lakes
	Economics	2	People as resource	Meaning of people as resource Importance of education and Health in HCF	
<b>August</b>	History	2 4	Socialism in Europe and the Russian Revolution continued. Forest Society and Colonialism (Internal Assessment)	Familiarize with the different types of ideas that inspired the revolution.	
	Civics	Revision (Half Yearly)			
	Geography	3	Drainage (Cont.)	Origin and drainage basin of Northern and Peninsular rivers. Lakes and Conservation	Map work Rivers and lakes
	Economics	2	People as Resource (Cont.)	To understand the ways by which human can be turned into resource.	
	Revision (Half Yearly)				
<b>September</b>	Civics	3	Electoral Politics	Familiarize with Indian electoral system. · Reason out for the adoption of present Indian Electoral System. · Develop an appreciation	





				of citizen's increased participation in electoral politics. Recognize the significance of the Election Commission.	
	Geography	4	Climate	To identify the factors influencing climate and its variations	
	Economics	3	Poverty as a challenge	To understand the meaning of poverty How poverty line is determined	
<b>October</b>	History	3	Nazism and the Rise of Hitler	Discuss the critical significance of Nazism in shaping the politics of modern world.	Outline Political Map of World (For locating and labelling / Identification) · Major countries of Second World War Axis Powers – Germany, Italy, Japan Allied Powers – UK, France, Former USSR, USA
	Geography	4	Climate (Cont.)	To identify the factors influencing climate and its variations	
	Economics	3	Poverty as a challenge (Cont.)	Poverty alleviation programs run by the government and the reason for poverty in India	
<b>November</b>	History	3	Nazism and the Rise of Hitler continued...	Discuss the critical significance of Nazism in shaping the politics of modern world.	Outline Political Map of World (For locating and labelling / Identification) · Major countries of Second World War Axis Powers – Germany, Italy, Japan Allied Powers – UK, France, Former USSR, USA
	Civics	4	Working of Institutions	Identify the role of Parliament and its procedures. · Distinguish between political and permanent executive authorities and functions.	Class Presentation
	Geography	5	Natural Vegetation and Wildlife (Internal Assessment)	To understand the importance of diverse flora and fauna	Map ● Natural Vegetation Wildlife sanctuaries/National Parks/Biosphere Reserves
		6	Population		
	Economics	4	Food security in India	Meaning of food security, It's importance	
<b>December</b>	Geography	6	Population (Cont.)	Analyse the distribution of population and show concern about the large size	Map Density of Population
	Economics	4	Food security	Meaning of food security It's	



			in India (Cont.)	importance Various ways by which food security can be achieved in our country roll of buffer stock public distribution in food security	
	History	5	Pastoralists in the Modern World (To be assessed as a part of periodic assessment only)	Pastoralism in the modern world.	
	Civics	5	Democratic Rights	Recognize the need for rights in one's life. · Understand the availability /access of rights in a democratic system/government. · Identify and be able to comprehend the Fundamental Rights given by the Indian Constitution to its citizens. · Create awareness regarding the process of safeguarding rights.	
<b>January</b>	Revision				
<b>February</b>	Revision				

### Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Qualifying	Annual
History: Ch. 1 (Till Pg. 13) Civics: Ch. 1 Geography: Ch. 1 Economics: Ch. 1	History: Ch. 1 Civics: Ch. 2 Geography: Ch. 2 Economics: Ch. 2 (Till Pg. 22)	History: Ch. 1, 2 Civics: Ch. 1, 2 Geography: Ch. 1, 2, 3 Economics: Ch. 1, 2	History: Ch. 3 Civics: Ch. 3 Geography: Ch. 4 Economics: Ch. 3	History: Complete Syllabus Civics: Complete syllabus Geography: Complete Syllabus Economics: Ch. 2, 3, 4	Complete Syllabus  Excluding Economics Ch 1 History Ch 4. 5 Geography Ch 5

**SUBJECT – INFORMATION TECHNOLOGY**

Month	Unit Name	Chapter Name	Sub-Unit	Learning Outcomes
<b>April &amp; May</b>	Part A Employability Skills	Unit 1: Communication Skills-I		Students will be able to understand and apply knowledge of human communication and language processes as they occur across various contexts.
	Part B Subject Specific Skills	Unit 1: Introduction to IT- ITeS industry	Applications of IT	Students will be able to identify and appreciate Information Technology and describe its applications in daily life. They can relate, apply, and reflect on information technology.
<b>July</b>	Part A Employability Skills	Unit 2: Self-Management Skills-I		Students will be able to Understand meaning and importance of stress management & Apply stress management techniques.
	Part B Subject Specific Skills	Unit 2: Data Entry and Keyboarding Skill	Use keyboard and mouse and typing software	Students will be able to: <ul style="list-style-type: none"> <li>Identify the keys and its use on the keyboard.</li> <li>Demonstrate to use various keys on the keyboard,</li> <li>Demonstrate to type the text, numbers, special character using appropriate keys on the keyboard,</li> <li>Practice the correct typing ergonomics,</li> <li>Practice to place fingers on correct key in four different rows of keyboard,</li> <li>Practice various mouse operations</li> </ul>
<b>August</b>	Part A Employability Skills	Unit 3: ICT Skills		Students will be able to identify: <ul style="list-style-type: none"> <li>ICT in different domains</li> <li>ICT tools</li> <li>Computer System – Hardware and Software</li> <li>Use of typing tutor</li> <li>Tux paint</li> <li>Internet and its applications</li> <li>Social Media</li> <li>Cyber Crime and cyber addiction</li> </ul>
	Part B Subject Specific Skills	Unit 3: Digital Documentation	Working on Microsoft Word	Students will be able to: <ul style="list-style-type: none"> <li>Create a document using a word processor.</li> <li>Apply Editing features.</li> <li>Apply formatting features.</li> <li>Create and work with tables.</li> <li>Use Print Options</li> <li>Understand and apply mail merge</li> </ul>
<b>September</b>	Revision and Half Yearly Examination			
<b>October</b>	Part B Subject Specific Skills	Unit 4: Electronic Spreadsheet	Working on Spreadsheet	Students will be able to: <ul style="list-style-type: none"> <li>Create a Spreadsheet</li> <li>Apply formula and functions in spreadsheet.</li> <li>Format data in the spreadsheet</li> <li>Understand and apply Referencing.</li> </ul>





				<ul style="list-style-type: none"> <li>Create and insert different types of charts in a spreadsheet</li> </ul>
<b>November</b>	Part A Employability Skills	Unit 4: Entrepreneurial Skills-I		Students will be able to establish a foundation of confidence in the skills necessary to cause others to act.
<b>December</b>	Part A Employability Skills	Unit 5: Green Skills-I		Understand the basic sustainability concepts of homeostasis, carrying-capacity, cradle-to-grave recycling, evolutionary processes
<b>January</b>	Part B Subject Specific Skills	Unit 5: Digital Presentation	Working on presentation	Students will be able to create attractive presentation using various animation and slide transitions on the slides.
<b>February</b>	Revision and Annual Examination			

### Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Qualifying	Annual
Part A: Unit 1	Part A: Unit 2 Part B: Unit 1, Unit 2	Part A: Unit 1 Part A: Unit 2 Part B: Unit 1, Unit 2, Unit 3	Part A: Unit 3 Part B: Unit 4	Part A: Unit 1, Unit 2, Unit 3, Unit 4 Part B: Unit 1, Unit 2, Unit 3, Unit 4	Complete Syllabus

**SUBJECT – ARTIFICIAL INTELLIGENCE**

Month	Unit Name	Learning Outcomes	Practical
April	<b>Part A: Unit I: Communication Skills I</b>	Students will be able to understand: <ul style="list-style-type: none"> <li>• Methods of communication</li> <li>• Communication Cycle</li> <li>• Perspectives in communication</li> <li>• Basic writing skills</li> </ul>	
May	<b>Part B: Unit I: AI Reflection, Project Cycle, Ethics</b>	Students will be able to understand: <ul style="list-style-type: none"> <li>• To identify and appreciate Artificial Intelligence and describe its applications in daily life.</li> <li>• To recognize, engage and relate with the three realms of AI: Computer Vision, Data Statistics and Natural Language Processing.</li> <li>• Identify the AI Project Cycle framework.</li> <li>• Learn problem scoping and ways to set goals for an AI project.</li> <li>• Identify stakeholders involved in the problem scoped. Brainstorm on the ethical issues involved around the problem selected.</li> <li>• Understand the iterative nature of problem scoping for in the AI project cycle. Foresee the kind of data required and the kind of analysis to be done.</li> <li>• Identify data requirements and find reliable sources to obtain relevant data.</li> </ul>	The AI Game Learners to participate in three games based on different AI domains. – Game 1: Rock, Paper and Scissors (based on data) <a href="https://next.rockpaperscissors.ai/">https://next.rockpaperscissors.ai/</a> – Game 2: Semantris (based on Natural Language Processing - NLP) <a href="https://research.google.com/semantris/">https://research.google.com/semantris/</a> – Game 3: Quick Draw (based on Computer Vision - CV) <a href="https://quickdraw.withgoogle.com/">https://quickdraw.withgoogle.com/</a>
July	<b>Part B: Unit I: AI Reflection, Project Cycle, Ethics</b>  <b>Part A: Unit II: Self – Management Skills I</b>	Students will be able to understand: <ul style="list-style-type: none"> <li>• To understand the purpose of Data Visualisation</li> <li>• Use various types of graphs to visualise acquired data.</li> <li>• Understand modeling (Rule based &amp; Learning-based)</li> <li>• Understand various evaluation techniques.</li> <li>• Challenge students to think about how they can apply their knowledge of deployment in future AI projects and encourage them to continue exploring different deployment methods.</li> <li>• To understand and reflect on the ethical issues around AI.</li> <li>• To gain awareness around AI bias and AI access.</li> <li>• To let the students analyse the advantages and disadvantages of Artificial Intelligence.</li> </ul> Students will be able to understand: <ul style="list-style-type: none"> <li>• Importance of self – management</li> <li>• Building self - confidence</li> </ul>	Activity: <ul style="list-style-type: none"> <li>• Brainstorm around the theme provided and set a goal for the AI project.</li> <li>• Discuss various topics within the given theme and select one.</li> <li>• Fill in the 4Ws problem canvas and a problem statement to learn more about the problem identified in the community/ society</li> <li>• List down/ Draw a mind map of problems related to the selected topic and choose one problem to be the goal for the project.</li> </ul>

<b>August</b>	<b>Part B: Unit II: Data Literacy</b>	<p>Students will be able to understand:</p> <p>Define data literacy and recognize its importance</p> <p>Understand how data literacy enables informed decision making and critical thinking</p> <ul style="list-style-type: none"> <li>• Apply the Data Literacy Process Framework to analyze and interpret data effectively</li> <li>• Differentiate between Data Privacy and Security</li> <li>• Identify potential risks associated with data breaches and unauthorized access.</li> <li>• Learn measures to protect data privacy and enhance data security</li> <li>• Determine the best methods to acquire data.</li> <li>• Classify different types of data and enlist different methodologies to acquire it.</li> <li>• Define and describe data interpretation.</li> <li>• Enlist and explain the different methods of data interpretation.</li> <li>• Recognize the types of data interpretation.</li> <li>• Realize the importance of data interpretation</li> <li>• Recognize the importance of data visualization</li> <li>• Discover different methods of data visualization</li> </ul>	<p>Activities:</p> <ul style="list-style-type: none"> <li>• Trend analysis</li> <li>• Visualize and Interpret Data</li> </ul>
	<b>Part A: Unit III: ICT Skills - I</b>	<p>Students will be able to understand:</p> <ul style="list-style-type: none"> <li>• Introduction to ICT</li> <li>• Components of a computer system</li> <li>• Peripheral devices</li> <li>• Basic computer skills</li> </ul>	
<b>September</b>	Revision and Half Yearly Examination		
<b>October</b>	<b>Part B: Unit III: Math for AI (Statistics &amp; Probability)</b>	<p>Students will be able to understand:</p> <ul style="list-style-type: none"> <li>• Analyzing the data in the form of numbers/images and find the relation/pattern between the them.</li> <li>• Use of Math in AI.</li> <li>• Number Patterns Picture Analogy</li> <li>• Understand the concept of Statistics in real life.</li> <li>• Application in various real life scenarios</li> <li>• Understand the concept of Probability in real life and explore various types of events.</li> <li>• Application in various real life scenarios</li> </ul>	<p>Activity:</p> <ul style="list-style-type: none"> <li>• observe the number pattern and find the missing number.</li> <li>• To find connections between sets of images and use that to solve problems.</li> </ul>
	<b>Part A: Unit IV: Entrepreneurial Skills – I</b>	<p>Students will be able to understand:</p> <ul style="list-style-type: none"> <li>• Types of business activities</li> <li>• Characteristics of Entrepreneurship</li> </ul>	
<b>November</b>	<b>Part B: Unit IV: Introduction to Generative AI</b>	<ul style="list-style-type: none"> <li>• Students will be able to define Generative AI &amp; classify different kinds.</li> <li>• Students will be able to explain how Generative AI works and recognize how it learns.</li> <li>• Applying Generative AI tools to create content.</li> <li>• Understanding the ethical considerations of</li> </ul>	<p>Activity: Guess the Real Image vs. the AI-generated image.</p>





	<b>Part A: Unit V: Green Skills – I</b>	<p>using Generative AI.</p> <p>Students will be able to understand:</p> <ul style="list-style-type: none"> <li>• Environment protection and conservation</li> <li>• Importance of green economy</li> </ul>	
<b>December</b>	<b>Part B: Unit V: Introduction to Python</b>	<p>Learn basic programming skills through gamified platforms.</p> <p>Acquire introductory Python programming skills in a very user-friendly format</p>	<ul style="list-style-type: none"> <li>• To print personal information like Name, Father's Name, Class, School Name.</li> <li>• To find square of number 7</li> <li>• To find the sum of two numbers 15 and 20.</li> <li>• To convert length given in kilometers into meters.</li> <li>• To print the table of 5 up to five terms.</li> <li>• To calculate Simple Interest if the principle_amount = 2000 rate_of_interest = 4.5 time = 10</li> <li>• To calculate Area and Perimeter of a rectangle</li> <li>• To calculate Area of a triangle with Base and Height</li> <li>• To calculating average marks of 3 subjects</li> <li>• To calculate discounted amount with discount %</li> <li>• To calculate Surface Area and Volume of a Cuboid</li> </ul>
<b>January</b>	Revision and Qualifying Examination.		
<b>February</b>	Revision and Annual Examination		

### Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Qualifying	Annual
Part A: Unit I	Part A: Unit II Part B: Unit I	Part A: Unit I, II, III Part B: Unit I, II	Part A: Unit IV Part B: Unit III, IV	Part A: Unit I to IV Part B: Unit I to V	Complete Syllabus

**SUBJECT – ART AND EDUCATION**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
<b>April</b>	An introduction of visual art	An Introduction of visual art and methods and techniques used in visual art.	Student will be use different drawing tools and materials to create three-dimensional art work.	Make a 3D illusion
<b>May</b>	Drawing from observation Still life	Study of lines, strokes, colours, shades, tones, texture, etc. while organizing two dimensional space with two dimensional and three dimensional shapes and forms.	Pencil shading teching	Make still life composition with pencil shading, landscape, bird or Animal.
<b>July</b>	Action figures pg. 50,52,56,58.	Sketching from nature and surrounding.	Now draw the same still life composition using oil pastels.	Birds and animals sketching
<b>August</b>	Landscape study	Creative use of colours to show space, atmosphere, subjective moods.	Drawing of different land forms.	Landscape
<b>September</b>	Environmental design	Creative use of perspective in spatial relationship.	Observe the painting styles carefully and render the same in your artbook	Drawing for communication
<b>October</b>	Calligraphy and poster design	Study of calligraphic strokes of Devnagari and Roman alphabet (Scripts)	Observation	Poster making
<b>November</b>	Three-dimensional artworks	Use of contrast as art expressive element of art.	Draw a portrait using different rendering techniques like hatching or stippling	Portrait making
<b>December</b>	Contemporary Indian Art and Artist. Indian Folk art	Study and use of various media and techniques to the extent of their availability.	Make a simple clay sculptures like a mask or terracotta tiles.	Terracotta work and Indian Folk art.
<b>January</b>	Revision			
<b>February</b>	Revision			

**Exam Syllabus**

Half Yearly	Annual
Still life with pencil shading, landscape, bird and animal.	Poster on save environment with slogan or make any animal face, Contemporary Indian Art

**SUBJECT – SPORTS**

Month	Name of the skill	Learning objective	Practical / Activities
<b>April</b>	Orientation and Icebreaker Fitness Testing	Students build rapport and understand PE expectations Baseline fitness levels identified	Icebreaker games, introductions Fitness tests: flexibility, endurance, strength
<b>May</b>	Team Building Games Yoga and Mindfulness Intro	Team collaboration and cooperation skills Basic mindfulness and yoga understanding	Cricket, soccer, basketball Simple yoga poses and meditation
<b>July</b>	Fundamental Movement Skills Team Sports Introduction	Enhanced motor and coordination skills Rules and basic play strategies	Running, jumping, throwing drills Football, volleyball, cricket basics
<b>August</b>	Sportsmanship and Fair Play	Understanding fair play and ethics	Discussion and role-play scenarios
<b>September</b>	Inter-Class Competitions	Competitive spirit and application of skills	House-wise or class-wise matches
<b>October</b>	Specialized Sports Focus Tactical Awareness	Advanced skill development Strategic thinking in games	Tennis and badminton basics Drills on positioning, spacing, tactics
<b>November</b>	Student-led Activities	Leadership and peer learning	Students lead warm-ups and drills
<b>December</b>	School Sports Day	Organizational skills and participation	Full-day event with multiple sports
<b>January</b>	Skills Review Fitness Evaluation	Skill refinement and consistency Progress tracking and fitness improvement	Drills and game simulations Repeat Term 1 fitness assessments
<b>February</b>	Sports Festival Reflection and Strategy	Planning and executing events Critical reflection and goal setting	Mini-tournaments and exhibitions Feedback sessions, planning meetings





**SUBJECT – SUPW**

Month	Topic	Aim/objectives	Project
<b>April</b>	Painting on stone	To improve fine sensory skills and to recognize elements of design in works of Art	
<b>May</b>	Poster (Mother's Day special)	To enhance social and interpersonal skills. To express love, appreciation and gratitude towards their mother.	
<b>July</b>	Thread Painting	To develop fine motor skills, cognitive abilities, and creative expression	
<b>August</b>	Block Printing with the help of vegetable blocks	To learn to transfer beautiful, artistic patterns carved on vegetables onto fabric or paper	
<b>September</b>	Folder making	To motivate students to be organized and to enrich their eye-hand coordination and concentration	
<b>October</b>	Diwali Hanging	To encourage students to be creative and use their imaginative skills	
<b>November</b>	Shagun envelope	To encourage students to explore their creativity and imagination, allowing them to express themselves in several different ways.	
<b>December</b>	Wall hanging with match sticks	This activity is beneficial for student's state of mind. It will allow them to enter a state of relaxation and well-being.	
<b>January</b>	Paper quilling	To learn the techniques of quilling and the various patterns they can use to create simple designs	
<b>February</b>	Best out of waste (with dry leaves)	To create awareness among students to use the waste products in best possible manner.	



CLASS: IX – BIFURCATED SYLLABUS – 2025 – 26  
**SUBJECT – VPA – DANCE (WESTERN)**

Month	Category/Topic	Activity	Aim/objective	Project
<b>April</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (1-20) Basic dance moves of Jazz choreography	Introduction to choreography	Vibration interschool dance competition
<b>May</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (21-40) Choreography of jazz dance style on music	Choreography of jazz dance style	Vibration interschool dance competition and Mother's Day
<b>July</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (41-60) Practice of previous work	Practice for perfection	Symphony interhouse dance competition
<b>August</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (61-70) Explaining right body posture and expression	Helps to improve expression and body language	Independence Day
<b>September</b>	Half yearly Examination + Practice Sessions			
<b>October</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (71-90) Basic moves of ballet choreography	Introduction to new dance style	Annual function of senior secondary
<b>November</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (91-110) Ballet dance choreography on song	Choreography of ballet dance style	
<b>December</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (111-130) Routine practice	Practice for perfection	Football Tournament (inauguration ceremony)
<b>January</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (131-140) Practice for practical	Practice for practical	Republic day
<b>February</b>	Annual Examination			

**Exam Syllabus**

Half Yearly	Annual
Theory: Short questions based on dance (western) (1-70) Practical: basic moves and choreography of jazz.	Theory: Short questions based on dance (western) (71-140) Practical: basic moves and choreography of ballet.





CLASS: IX – BIFURCATED SYLLABUS – 2025 – 26  
**SUBJECT – VPA – DANCE (CLASSICAL)**

Month	Category/Topic	Activity	Aim/objective	Project
<b>April</b>	Dance [Classical] * <b>THEORY</b> * <b>PRACTICAL</b>	Short questions based on dance (1-20) History of Kathak and introduction of tatkar, hastak and ginti bol on vilambit lay	Basic techniques of footwork, hand movements and rhythmic and numeric pattern of footwork	Vibration interschool dance competition
<b>May</b>	Dance[classical] * <b>THEORY</b> * <b>PRACTICAL</b>	Short questions based on dance (21-40) Practice of all the steps together teental	Practice of Tatkaar, hastak ,ginti bol on numeric,rhythmic pattern and on tabla(vilambit lay)	Vibration interschool dance competition and Mother's Day
<b>July</b>	Dance[classical] * <b>THEORY</b> * <b>PRACTICAL</b>	Short questions based on dance (41-60) Introduction of Kavitanag	Student use kavit to express emotions and tell stories through movements	Symphony interhouse dance competition
<b>August</b>	Dance[classical] * <b>THEORY</b> * <b>PRACTICAL</b>	Short questions based on dance (61-70) Kavitanag on lord Krishna	Students will be able to present stories of lord krishna on kavit	Independence Day
<b>September</b>	Half yearly Examination + Practice Sessions			
<b>October</b>	Dance[classical] * <b>THEORY</b> * <b>PRACTICAL</b>	Short questions based on dance (71-90) Presentation of kavitanag on different emotions of lord krishna.	Practice of kavitanag	Annual function of senior secondary
<b>November</b>	Dance[classical] * <b>THEORY</b> * <b>PRACTICAL</b>	Short questions based on dance (91-110) Introduction of ginti bol and chhakkar (spins)	Different techniques to present footwork and exit and entrance in kathak dance	
<b>December</b>	Dance[classical] * <b>THEORY</b> * <b>PRACTICAL</b>	Short questions based on dance (111-130) Practice on ginti bol and chhakkar.	Practice for perfection	Football Tournament (Inauguration Ceremony)
<b>January</b>	Dance[classical] * <b>THEORY</b> * <b>PRACTICAL</b>	Short questions based on dance (131 - 140) Presentation of all steps together on different tal and tihai.	Presentation of all the steps	Republic day
<b>February</b>	Annual Examination			





**Exam Syllabus**

Half Yearly	Annual
Theory: Short questions based on dance (1-70) Practical: introduction of Indian classical dance and basic of kathak, hastak And tatkaar, kavita.	Theory: Short questions based on dance (71-140) Practical: kavita on different emotions, chakkar and ginti bol

**SUBJECT – VPA – INSTRUMENTAL (INDIAN)**

Month	Category	Activity	Aim/Objective	Project
<b>April</b>	Instrumental [Indian] • Theory • Practical	• Short questions (1-20) • Taal Teentaal on Tabla Taal Dadra & Kaharva, Types on dholak. Western style pattern on Tabla.	Introduction of the Indian Instrument	Preparation of the Inter House Instrument competition. Symphony.
<b>May</b>	Instrumental [Indian] • Theory • Practical	• Short questions (21-40) • Kaharva, Dadra Taal Pattern in Fast speed, Dhapli, Miracas,	Practice for Perfection in Taal patterns	Symphony Inter House Instrument comp.
<b>July</b>	Instrumental [Indian] • Theory • Practical	• Short questions (41-60) • Fast speed Taal Teentaal. Fast speed Kaharva Taal. Motivational song.	Basic Knowledge of Fast speed Taal	Preparation of Independence Day.
<b>August</b>	Instrumental [Indian] • Theory • Practical	• Short questions (61-70) • Taal Dadra Fast speed pattern • Teental Tihai, Mukhde.	To give Basic Knowledge of Fast rhythm pattern	Independence Day (cultural Programme)
<b>September</b>	Half yearly Examination + Practice Sessions			
<b>October</b>	Instrumental [Indian] • Theory • Practical	• Short questions (71-90) • Unity song	To connect students with Rhythm group in unity song.	Preparation of Annual function
<b>November</b>	Instrumental [Indian] • Theory • Practical	• Short questions (91-110) • Tabla Taal variations in Unity song.	Taal variations knowledge	Annual function
<b>December</b>	Instrumental [Indian] • Theory • Practical	• Short questions (111-130) • Instrument practice with sports song.	To give knowledge of Fast taal pattern	Foot ball Tournament
<b>January</b>	Instrumental [Indian] • Theory • Practical	• Short questions (131-140) • Patriotic song.	Taal Pattern in Patriotic song.	Republic Day
<b>February</b>	Annual Examination			

**Exam Syllabus**

Half Yearly	Annual
Theory: Short questions (1-70) Practical: Taal- kaharva, Dadra, Teental, on Tabla, Dholak.	Theory: Short questions (71-140) Practical: Taal Variation in Kaharva Dadra;

**SUBJECT – VPA – INSTRUMENTAL (WESTERN)**

Month	Category	Activity	Objective/Aim	Project
<b>April</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (1-20) Introduction of the Instruments and Fingering practice	Basic technique of Holding the instrument	Orchestration of Inter house. Instrumental Competition
<b>May</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (21-40) Fingering of instruments & Rhythm stroke pattern	Basic knowledge of the notation & rhythm	Symphony Inter house. Instrumental Competition
<b>July</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (41-60) Practice of previous work	Notation & rhythm Perfection	Orchestration of Independence Day Event
<b>August</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (61-70) Practice of Playing Notation with rhythm Metronome	Playing notation with Rhythm	Independence Day Event
<b>September</b>	Half yearly Examination + Practice Sessions			
<b>October</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (71-90) Working knowledge of the rock Music	To prepare student to take part in school Musical events	Orchestration of Annual Event
<b>November</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (91-110) Practice of playing rock Music	To prepare students to take part in school Musical events	School Annual Function
<b>December</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (111-130) Practice of playing rock Music and Beat practice	To prepare students to take part in school Musical events	Orchestration of Republic Day Event
<b>January</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (131-140) Lead and rhythm Combined Playing in a Rock band	To prepare students to take part in school Musical events.	Republic Day Event
<b>February</b>	Annual examination			

**Exam Syllabus**

Half Yearly	Annual
Theory: Short questions (1-70) Practical: Lead /rhythm instrument (Basic Notation and rhythm)	Theory: Short questions (71-140) Practical: Lead /rhythm instrument (Along with a song)





**SUBJECT – VPA – THEATRE**

Month	Category / Topic	Objective/Aim	Activity	Project
April	<u>Theory</u> Short Questions (1–20) <u>Practical</u> <ul style="list-style-type: none"> <li>Introduction to theatre, its relation to education</li> <li>Rhythm &amp; Movement</li> </ul>	<ul style="list-style-type: none"> <li>Making aware about the importance of theatre art in present education system</li> <li>Physical Development</li> </ul>	Various Games & Exercises to improve Rhythm & Movement	
May	<u>Theory</u> Short Questions (21–40) <u>Practical</u> <ul style="list-style-type: none"> <li>Voice &amp; Speech</li> </ul>	<ul style="list-style-type: none"> <li>Language Development</li> </ul>	Various Games & Exercises to improve Voice & Speech	Symphony – Inter House Competition
July	<u>Theory</u> Short Questions (41–60) <u>Practical</u> <ul style="list-style-type: none"> <li>Sensory &amp; Motor Development</li> <li>Emotional and Aesthetic Development</li> </ul>	<ul style="list-style-type: none"> <li>To Drive Sensory Stimulation</li> <li>To increase motivation and develop appropriate interpersonal skills</li> </ul>	Various Games & Exercises to Develop Sensory & Motor Skills	
August	<u>Theory</u> Short Questions (61–70) <u>Practical</u> <ul style="list-style-type: none"> <li>Introduction of Role Play, Developing Character, Pantomime</li> </ul>	<ul style="list-style-type: none"> <li>To bring characters to life and to tell stories</li> </ul>	Task to perform different characters, Role Play and Mime Act	Independence Day (Theatrical Presentation)
September	Half yearly Examination + Practice Sessions			
October	<u>Theory</u> Short Questions (71–90) <u>Practical</u> <ul style="list-style-type: none"> <li>Improvisation</li> <li>Exploring Social Issues, Street Play</li> </ul>	<ul style="list-style-type: none"> <li>To develop creativity, mental flexibility and thinking skills</li> <li>To help build children's self-confidence and public speaking ability</li> </ul>	Task to Improvise Work on Street Play	
November	<u>Theory</u> Short Questions (91–110) <u>Practical</u> <ul style="list-style-type: none"> <li>Creating Plays from other sources and Poetry</li> </ul>	<ul style="list-style-type: none"> <li>To evoke emotions and make audience think about its central theme</li> </ul>	Work on Musical Play	Annual Function
December	<u>Theory</u> Short Questions (111–130) <u>Practical</u> <ul style="list-style-type: none"> <li>About Set, Light and Sound, Back Stage Work, Management and Planning</li> </ul>	<ul style="list-style-type: none"> <li>It makes the theatre more creative and exciting, from backstage techniques.</li> <li>Students learn to successfully create visual and auditory, imagery for stage</li> </ul>	Task to Design Set, Light and Back Stage Work of a Play.	



		production.		
<b>January</b>	<u>Theory</u> Short Questions (131–140) <u>Practical</u> <ul style="list-style-type: none"> <li>Continuation of previous work</li> </ul>			
<b>February</b>	Annual Examination			

### Exam Syllabus

Half Yearly	Annual
Theory: Short questions (1-70) Practical: Speech Test, Dialogue Delivery Test	Theory: Short questions (71-140) Practical: A scene on a One Act Play, A scene on a Street Play

**SUBJECT – VPA – VOCAL**

Month	Category	Activity	Aim /Objective	Project
<b>April</b>	Music Vocal <ul style="list-style-type: none"> <li>Theory</li> <li>Practical</li> </ul>	<ul style="list-style-type: none"> <li>Short questions (1-20)</li> <li>Sargam Geet - raag Bhoopali</li> </ul>	To give basic knowledge of Indian Music (raag).	Preparation of Inter House song comp. Symphony.
<b>May</b>	Music Vocal <ul style="list-style-type: none"> <li>Theory</li> <li>Practical</li> </ul>	<ul style="list-style-type: none"> <li>Short questions (21-40)</li> <li>Semi classical song of based on Raag Bhoopali.</li> </ul>	To connect classical music & light music in one raag.	Symphony Inter House song comp.
<b>July</b>	Music Vocal <ul style="list-style-type: none"> <li>Theory</li> <li>Practical</li> </ul>	<ul style="list-style-type: none"> <li>Short questions (41-60)</li> <li>Teen taal introduction &amp; taal notation.</li> </ul>	To give Basic knowledge of rhythm.	Preparation of Independence Day.
<b>August</b>	Music Vocal <ul style="list-style-type: none"> <li>Theory</li> <li>Practical</li> </ul>	<ul style="list-style-type: none"> <li>Short questions (61-70)</li> <li>Teen taal on hand.</li> </ul>	To give Basic knowledge of Indian classical music & taal.	Independence Day (Cultural program)
<b>September</b>	Half yearly Examination + Practice Sessions			
<b>October</b>	Music Vocal <ul style="list-style-type: none"> <li>Theory</li> <li>Practical</li> </ul>	<ul style="list-style-type: none"> <li>Short questions (71-90)</li> <li>folk song</li> </ul>	To connect children with our rich culture through Music	Preparation of Annual function
<b>November</b>	Music Vocal <ul style="list-style-type: none"> <li>Theory</li> <li>Practical</li> </ul>	<ul style="list-style-type: none"> <li>Short questions (91-110)</li> <li>light /motivational song.</li> </ul>	To keep positive attitude in life.	Annual function (Inaugural song)
<b>December</b>	Music Vocal <ul style="list-style-type: none"> <li>Theory</li> <li>Practical</li> </ul>	<ul style="list-style-type: none"> <li>Short questions (111-130)</li> <li>Motivational song on sports.</li> </ul>	Feel positive & energetic through Music	Football tournament (Inaugural song)
<b>January</b>	Music Vocal <ul style="list-style-type: none"> <li>Theory</li> <li>Practical</li> </ul>	<ul style="list-style-type: none"> <li>Short questions (131-140)</li> <li>patriotic song</li> </ul>	To know & praise our nation's beauty culture &Unity in diversity.	Republic Day
<b>February</b>	Revision			

**Exam Syllabus**

Half Yearly	Annual
Theory- Short questions Based on Vocal, Instrument dance & theater (1-70) Practical- Raag Bhoopali, Sargam geet, Teen taal introduction & play on hands, semi classical song.	Theory- Short questions based on Vocal, Instrument, Dance, & theater. (71-140) Practical- Folk song, light song, motivational song, patriotic song.



**SUBJECT – ASTRONOMY**

Month	Content	Objective/Aim	Subject Activity	Enrichment	Project
<b>April</b>	“Acceleration due to gravity” & “Density of all planet and Sun”	*Students would be able to find the mass and radius of all planet of our solar system. *Students would be able to understand the relation between acceleration and density	1- Calculate the Acceleration due to gravity on surface of every planet of our solar system. 2- Calculate the density of all planet of our solar system.		Solar system Flipbook
<b>May</b>	“Knowledge with Telescope”	Students would be able to find the components and workings of astronomical telescope.	Working of astronomical telescope.		
<b>July</b>	“Knowing about Sun” & “Attraction force between celestial bodies”	*Students would be able to understand basic knowledge about Sun. *Students would be able to find forces between astronomical things.	1- Make a note based on the characteristics of “Sun” 2- Calculate the attraction force between Sun and all planet of our solar system.		3-D structure of sun
<b>August</b>	“Satellite: Natural and Artificial satellite”	* Students would be able to find orbital velocity, periodic time radius of orbit of natural and artificial satellite	1- Make a Note based on the uses of Artificial satellite.(Some more about artificial satellite)		
<b>September</b>	Half Yearly Examination “Launching of satellite”	*Students would be able to learn about polar satellites and geostationary satellite.	1- Make a research based on the “How a satellite launch”.		
<b>October</b>	“Know about Galaxies”	Students would enhance the knowledge about nearby galaxies of our solar system.	1-Write the name of galaxies and their position and distance on A4 sheet. 2- Write 10 main facts about <b>ANDROMEDA GALAXY.</b>		
<b>November</b>	“Oort Cloud – Universe today”	Students would be able to know about oort cloud.	1- Prepare a note on the oort cloud. 2- <b>Oort cloud! Science quizzes</b>		
<b>December</b>	“Kepler’s planetary law”	Students would be understood the laws on which celestial object revolve.	1- <b>Make</b> a chart based on the kepler’s planetary motion. 2- By using Newton’s laws of motion find the conservation law of angular momentum.		
<b>January</b>	“Moon is the gateway of stars” “Planets!”	Students would be able to understand the surface properties of moon and they	1- Do a research on the surface properties of moon.		Make a project (ppt or on A4 sheet) based



	Modern Astronomy”	would be able to find the effect of attraction force of moon on the earth.	2- Write a short note of 10 new exoplanet in universe & 10 most incredible recent space discoveries.	on the presence of fuel on the moon.
February	Revision			

### Exam Syllabus

Half Yearly	Annual
Multiple choice questions based on activities conducted from April to August	Multiple choice questions based on activities conducted from September to January

**SUBJECT – ROBOTICS**

Month	Name of the Chapter	Objective/Aim
<b>April</b>	Introduction to Arduino, Electronic Dice using Arduino	<ul style="list-style-type: none"> <li>• Arduino Board features and working, Connection of LED in Breadboard, Programming of LED blinking</li> </ul>
	Digital Inputs	<ul style="list-style-type: none"> <li>• Use of Push Buttons with digital inputs to turn on and off LED</li> </ul>
	RGB led fader	<ul style="list-style-type: none"> <li>• Controlling the brightness of RGB led with Arduino, Programming of LED blinking., Displaying different colours of RGB led</li> </ul>
<b>May</b>	Line follower robot	<ul style="list-style-type: none"> <li>• Learning of working principle of IR sensor Learning of how television , air condition and other electrical equipment turn on and off with remote</li> </ul>
	Detecting Obstacles and Warning	<ul style="list-style-type: none"> <li>• Ultrasonic sensor working with 2 arduino Boards, and Buzzer, Detecting objects and warning of obstacle</li> </ul>
	Intro to app inventor	<ul style="list-style-type: none"> <li>• Intro to MIT app inventor programming software</li> </ul>
<b>July</b>	Display text onto the screen	<ul style="list-style-type: none"> <li>• Display text onto the android phone screen using the app inventor</li> </ul>
	Led blinking	<ul style="list-style-type: none"> <li>• Programming for LED blinking using app inventor and arduino controlling from the android phone</li> </ul>
	Control direction of motor using Mit	<ul style="list-style-type: none"> <li>• Programming of controlling the DC motor using the android phone</li> </ul>
	Remote control car using MIT app	<ul style="list-style-type: none"> <li>• Programming of app inventor for controlling a robot using the android phones</li> </ul>
<b>August</b>	Interfacing tilt sensor by using Arduino	<ul style="list-style-type: none"> <li>• Learn how tilt sensor different values when it tilt in different direction and control LED accordingly</li> </ul>
	Temperature controlled electrical appliances	<ul style="list-style-type: none"> <li>• By using of temperature sensor control the electrical appliances</li> </ul>
	Arduino motion detector	<ul style="list-style-type: none"> <li>• Make a programme of motion sensor how it detect motion</li> </ul>
<b>September</b>	Smart home light system	<ul style="list-style-type: none"> <li>• Learn how to control the light bulb and other electrical appliances with smart phones</li> </ul>
<b>October</b>	Smart street light monitoring by IOT and python	<ul style="list-style-type: none"> <li>• Learn how street light automatic on during night and off during day</li> </ul>
	Arduino Based RF Controlled Robot	<ul style="list-style-type: none"> <li>• Making a project of RF controlled robot that can be driven remotely</li> </ul>
<b>November</b>	Humidity & temperature monitoring	<ul style="list-style-type: none"> <li>• Learning the use of humidity and temperature that takes information from DHT-11 sensor is analysed graphically on Thing Speak platform using Node MCU and ESP8266 Wi-Fi module.</li> </ul>
	RFID based student attendance and monitoring	<ul style="list-style-type: none"> <li>• learn the concept of RFID tag how it will gave all information by following instruction</li> </ul>
	Student scroll their name on LCD Screen	<ul style="list-style-type: none"> <li>• Programming of Displaying text onto the screen using Atmel series microcontroller</li> </ul>
<b>December</b>	Make a robot which can detect the hurdles	<ul style="list-style-type: none"> <li>• Learning how ultrasonic sensor detect obstacle in front of it and how it turns the motor in another direction when it detect some hurdles</li> </ul>
	Introduction of 3D printer and cad designing	<ul style="list-style-type: none"> <li>• Intro to 3D printer for creating 3D Figures</li> </ul>





	What is cad Design	<ul style="list-style-type: none"><li>• Understand the concept of CAD for making a 3D figure</li></ul>
<b>January</b>	Making of key ring with name	<ul style="list-style-type: none"><li>• Designing of a key ring by defining the length and radius within the digital file</li></ul>
	Making of edge bracket	<ul style="list-style-type: none"><li>• Designing of a fully customized, twin-wire lingual bracket using a 3D printer.</li></ul>
	Making of water bottle	<ul style="list-style-type: none"><li>• Designing of water bottle by defining the dimensions into the 3D printer digital file</li></ul>
<b>February</b>	Revision	Annual Examination

### Exam Syllabus

Half Yearly	Annual
Multiple choice questions based on activities conducted from April to August	Multiple choice questions based on activities conducted from September to January