

# DAV PUBLIC SCHOOLS

## JHARKHAND ZONE - H

MONTHLY PLANNER CLASS - IX : 2025-26

SUBJECT : ENGLISH

APRIL				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Beehive Prose 1	The Fun They Had	The 21st Century Skills and the future explorations in the field of education	4
2 <sup>nd</sup>	Beehive Prose 2	The Sound of Music	Debate / Writing work on ' Importance of Music in Life'	4
3 <sup>rd</sup>	Beehive Poetry 1	The Road Not Taken	Identify the Figure of Speech: Simile, Alliteration, Onomatopoeia, Metaphor	3
4 <sup>th</sup>	Moments Ch.1. ☐	The Lost Child	Grammar: Tenses	3
MAY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Beehive Poem	Wind		3
2 <sup>nd</sup>	Beehive Prose	The Little Girl	Group Discussion on Chaildhood Memories	3
3 <sup>rd</sup>	Beehive Prose	A Truly Beautiful Mind	Diary Entry	4
4 <sup>th</sup>	Beehive Poetry	Rain on the Roof		3
JUNE				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS
1 <sup>ST</sup>	Moments Prose	The Adventure of Toto	Descriptive Paragraph Writing	5
2 <sup>nd</sup>	Moments Prose	Iswaran the Story Teller	Descriptive Paragraph Writing on Events	3
3 <sup>rd</sup>	Beehive Prose	The Snake and the Mirror	Diary entry	5
4 <sup>th</sup>	Beehive Poetry	The Lake Isle of Innsifree		3
JULY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Beehive Prose	My Childhood	Character Sketch Writing Skill	5
2 <sup>nd</sup>	Beehive Poetry	A Legend of the Northland	Tenses	4
3 <sup>rd</sup>	Moments Prose	In the Kingdom of Fools	Traits of Charaters	5
4 <sup>th</sup>	Grammar	Modals and Subject Verb Agreement	Worksheet Practise	4
AUGUST				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Moments Prose	The Happy Prince	Role Playing	4
2 <sup>nd</sup>	Writing Skills	Descriptive Paragraph	Writing Skills	4
3 <sup>rd</sup>	Beehive Poetry	No Men Are Foreign	Importance of Patriotism and Brotherhood -- Group Discussion	3
4 <sup>th</sup>	Grammar	Narration Change & Reported Speech	Worksheet Practise & Sentence Formation	4
SEPTEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	REVISION OF BEEHIVE & MOMENTS, TOPICS of GRAMMAR & WRITNG SKILLS for MID TERM EXAMINATION			
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				
OCTOBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Beehive Prose	Reach for the Top : Santosh Yadav	Discussion on Passion, Determination & Success	3
2 <sup>nd</sup>	Beeive Prose	Reach for the Top: Maria Sharapova	Discussion on Will - power & Perseverance	3

3 <sup>rd</sup>	Beeive Prose	On Killing a Tree	Descriptive Paragraph on Social Issues	4
4 <sup>th</sup>	Moments Prose	The Last Leaf	Writing Skills : Story Writing	4
NOVEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Moments Prose	A House is not a Home	Diary Entry	5
2 <sup>nd</sup>	Grammar	Subject Verb Agreement	Practise of Worksheet	4
3 <sup>rd</sup>	Writing Skills	Writing a Descriptive Paragraph, describing a person		4
4 <sup>th</sup>	Grammar	Determiners	Worksheet Practise	4
DECEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Beehive Prose	Kathmandu	Importance of Tour and Travels	4
2 <sup>nd</sup>	Beehive Poetry	A Slumber Did My Spirit Seal		3
3 <sup>rd</sup>	Grammar	Narration Change	Reported Speech: Commands and Requests, Statements and Questions	4
4 <sup>th</sup>	Writing Skills	Descriptive Paragraph	Paragraph Writing on Events and Persons	4
JANUARY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Beehive Prose	If I Were You	Introspection of Characters through Intelligence and discussion	4
2 <sup>nd</sup>	Moments	The Beggar	Demonstration of " If there is a will, there is a way"	4
3 <sup>rd</sup>	Writing Skills	Story Writing & Diary Entry	Writing a Story (on a given cue/title) & Diary Entry	5
4 <sup>th</sup>	Grammar	Determiners, Modals, Subject - Verb Agreement, Narration Change	Practice of Sample Papers including Reading Skills (Unseen Passages)	5
FEBRUARY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	REVISION OF BEEHIVE & MOMENTS, TOPICS of GRAMMAR & WRITNG SKILLS for ANNUAL EXAMINATION			
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				
MARCH				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>				
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				

SUBJECT- HINDI

APRIL				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	क्षितिज पाठ -1	दो बैलों की कथा	पशु-पक्षियों से संबंधित अन्य रचनाएँ को ढूँढ कर पढ़िए।	5
2 <sup>nd</sup>	क्षितिज पाठ -2	ल्हासा की ओर	अपनी किसी अविस्मरणीय यात्रा का लगभग दो सौ शब्दों में वर्णन कीजिए।	5
3 <sup>rd</sup>	क्षितिज पाठ-7	साखी और सबद	साखी और सबद का सस्वर गायन कीजिए।	5
4 <sup>th</sup>	व्याकरण	उपसर्ग और प्रत्यय	उपसर्ग और प्रत्यय से नवीन शब्दों का निर्माण कीजिए ।	4
MAY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	क्षितिज पाठ-8	वाख	किसी सिद्ध कवि या कवयित्री की रचनाओं आदि पर आधारित काव्य अंत्याक्षरी का आयोजन ।	5

2 <sup>nd</sup>	व्याकरण	अलंकार	छंदोबद्ध कविताओं का सस्वर गायन ।	4
3 <sup>rd</sup>	ग्रीष्मावकाश			
4 <sup>th</sup>	ग्रीष्मावकाश			

#### JUNE

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	ग्रीष्मावकाश			
2 <sup>nd</sup>	ग्रीष्मावकाश			
3 <sup>rd</sup>	कृतिका पाठ -1	इस जल प्रलय में	बाढ़ पीड़ितों की स्थिति पर आधारित नाट्य मंचन कीजिए ।	6
4 <sup>th</sup>	व्याकरण	समास	समस्तपदों का सामासिक विग्रह कीजिए ।	6

#### JULY

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	क्षितिज पाठ -3	उपभोक्तावाद की संस्कृति	विज्ञापन से लाभ या हानि पर आधारित वाद-विवाद प्रतियोगिता का आयोजन ।	5
2 <sup>nd</sup>	क्षितिज पाठ-9	सवैया	सूरदास और मीराबाई के काव्यों का सस्वर गायन कीजिए ।	5
3 <sup>rd</sup>	क्षितिज पाठ-4	साँवले सपनों की याद	डॉक्टर लॉरेस के विषय में पढ़िए और उनके विषय में नयी जानकारीयाँ इकट्ठा कीजिए और लिखिए ।	5
4 <sup>th</sup>	क्षितिज पाठ-10	कैदी और कोकिला	माखनलाल चतुर्वेदी जी की अन्य कविताओं को पढ़िए ।	6

#### AUGUST

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	कृतिका पाठ -2	मेरे संग की औरतें	मृदुला गर्ग और मन्नू भंडारी जी की जीवनी पढ़िए।	6
2 <sup>nd</sup>	व्याकरण	वाक्य -अर्थ के आधार पर	वाक्य रूपांतरण ।	6
3 <sup>rd</sup>	रचनात्मक लेखन	अनुच्छेद और लघुकथा लेखन, संवाद और सूचना लेखन	विभिन्न विषयों पर लघुकथा लेखन का अभ्यास करें ।	6
4 <sup>th</sup>	रचनात्मक लेखन	अपठित गद्यांश और काव्यांश	शब्दकोश से दस शब्दों का चयन कर पर्यायवाची शब्द लिखें ।	6

#### SEPTEMBER

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	क्षितिज	गद्य और पद्य पाठों का पुनराभ्यास	पुनराभ्यास	6
2 <sup>nd</sup>	कृतिका	पुनराभ्यास	पुनराभ्यास	6
3 <sup>rd</sup>	व्याकरण	उपसर्ग और प्रत्यय, अलंकार, समास तथा वाक्य - अर्थ के आधार पर पुनराभ्यास	पुनराभ्यास	6
4 <sup>th</sup>	रचनात्मक लेखन	अनुच्छेद, सूचना, संवाद और लघुकथा की पुनरावृत्ति	पुनराभ्यास	6

#### OCTOBER

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	क्षितिज पाठ-5	प्रेमचंद के फटे जूते	महादेवी वर्मा जी के द्वारा लिखित 'राजेंद्र बाबू' संस्मरण तथा अमृत राय द्वारा लिखित प्रेमचंद की जीवनी 'प्रेमचंद कलाम का सिपाही' पुस्तक पढ़िए।	6
2 <sup>nd</sup>	क्षितिज पाठ-11	ग्राम श्री	अपने अभिभावक के साथ अपने गाँव की यात्रा करें और जिन फसलों और पेड़ पौधों का चित्रण प्रस्तुत कविता में हुआ है, उनके बारे में जानकारी प्राप्त करें।	6
3 <sup>rd</sup>	दीपावली और छठ पूजा का अवकाश			
4 <sup>th</sup>	दीपावली और छठ पूजा का अवकाश			

#### NOVEMBER

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	क्षितिज पाठ-6	मेरे बचपन के दिन	मनीष झा द्वारा निर्देशित फिल्म 'मातृभूमि :ए विलेज विदाउट विमेन ' देखिए और बचपन पर केंद्रित मैक्सिम गोर्की की रचना 'मेरा बचपन' पढ़िए।	6
2 <sup>nd</sup>	क्षितिज पाठ-12	मेघ आए	सुमित्रानंदन पंत जी की 'बादल' और सूर्यकांत निराला जी की 'बादल राग ' कविताओं को ढूँढ़ कर पढ़िए ।	6

3 <sup>rd</sup>	कृतिका	रीढ़ की हड्डी	रीढ़ की हड्डी 'एकांकी का कक्षा स्तर पर अभिनय ।	6
4 <sup>th</sup>	व्याकरण	समास परिभाषा एवं भेद पुनराभ्यास	दिए गए समस्तपदों का सामासिक विश्रह कीजिए ।	6
DECEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	क्षितिज पाठ -13	बच्चे काम पर जा रहे हैं ।	किसी कामकाजी बच्चे से संवाद कीजिए और पता लगाइए कि जब वह अपनी उम्र के बच्चों को खेलने और पढ़ने जाते हुए देखता है तो कैसा महसूस करता है?	6
2 <sup>nd</sup>	व्याकरण	अलंकार -शब्दालंकार पुनराभ्यास	क्षितिज पाठ्यपुस्तक में दी गई कविताओं में से अनुप्रास,यमक और श्लेष अलंकार की पंक्तियाँ छोटकर लिखिए।	3
3 <sup>rd</sup>	व्याकरण	वाक्य -अर्थ के आधार पर वाक्य पुनराभ्यास	वाक्य रूपांतरण	5
4 <sup>th</sup>	रचनात्मक लेखन	औपचारिक, अनौपचारिक , ई- मेल, अनुच्छेद लेखन, संवाद, सूचना लेखन तथा लघुकथा लेखन का पुनराभ्यास	पुनराभ्यास	10
JANUARY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	क्षितिज	गद्य भाग का पुनराभ्यास	पुनराभ्यास	6
2 <sup>nd</sup>	क्षितिज	पद्य भाग का पुनराभ्यास	पुनराभ्यास	6
3 <sup>rd</sup>	कृतिका	सभी पाठों का पुनराभ्यास	पुनराभ्यास	6
4 <sup>th</sup>	प्रश्न पत्र	प्रतिदर्श प्रश्न पत्र अभ्यास	अन्य प्रतिदर्श प्रश्न पत्र का अभ्यास करें	6
FEBRUARY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	प्रश्न पत्र	प्रतिदर्श प्रश्न पत्र अभ्यास	अन्य प्रतिदर्श प्रश्न पत्र का अभ्यास करें	6
2 <sup>nd</sup>	प्रश्न पत्र	प्रतिदर्श प्रश्न पत्र अभ्यास	अन्य प्रतिदर्श प्रश्न पत्र का अभ्यास करें	6
3 <sup>rd</sup>				
4 <sup>th</sup>				
MARCH				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>		Annual Examination		
2 <sup>nd</sup>		Annual Examination		
3 <sup>rd</sup>		Annual Examination		
4 <sup>th</sup>		Annual Examination		

SUBJECT-    SANSKRIT

APRIL				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	प्रथमः पाठः रचनात्मककार्यम्	अविवेकः परमापदां पदम्, अपठिताबोधनम्	"ये विचार्य कार्यम् कुर्वन्ति तेषाम् कार्यं शोभनं भवति " अस्य एकम् उदाहरणम् लिखतु	6
2 <sup>nd</sup>	व्याकरणम्	उच्चारणस्थानानि, स्वरसन्धिः - दीर्घः	चित्रमाध्यमेन वर्णस्य उच्चारणस्थानानि दर्शयन्तु	6
3 <sup>rd</sup>	द्वितीयः पाठः रचनात्मककार्यम्	पाथेयम् पत्रलेखनम्,संवादपूर्तिः/ कथापूर्तिः	विविधभावैः युक्ताः सूक्तयः पठन्तु	6
4 <sup>th</sup>	व्याकरणम्	स्वरसन्धिः - गुणः, शब्दरूपाणि - बालक, कवि, साधु, धातुरूपाणि - गम्, नम् ( पञ्चलकारेषु)	पठित पाठात् दीर्घगुणसंधेः उदाहरणानि चित्वा लिखन्तु	6
MAY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	तृतीयः पाठः व्याकरणम्	विजयतां स्वदेशः संख्याप्रयोगः - 1 - 25	कक्षायाम् अस्य पाठस्य मञ्चनं कुर्वन्तु	6

2 <sup>nd</sup>	व्याकरणम्	संधिः - वृद्धिः, यण्। शब्दरूपाणि - लता, फल, (वाक्यप्रयोगः) धातुरूपाणि - अस्, प्रच्छ (पंचसु लकारेषु) (वाक्यप्रयोगः)	पठित पाठात् संधेः उदाहरणानि चित्वा लिखत	6
3 <sup>rd</sup>		ग्रीष्मावकाशः		
4 <sup>th</sup>		ग्रीष्मावकाशः		
JUNE				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>		ग्रीष्मावकाशः		6
2 <sup>nd</sup>		ग्रीष्मावकाशः		6
3 <sup>rd</sup>	चतुर्थः पाठः रचनात्मककार्यम्	विद्यया भान्ति सद्गुणाः। पत्रस्य अभ्यासकार्यम्	हितोपदेश 'ग्रन्थं पठतु	6
4 <sup>th</sup>	व्याकरणम्	संधिः - अयादि, शब्दरूपाणि - नदी, किम् ( त्रिषु लिङ्गेषु ), धातुरूप - कृ ( पञ्चलकारेषु)	चित्रफलके संधेः भेदान् प्रस्तुतं कुर्वन्तु	6
JULY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	पञ्चमः पाठः व्याकरणम्	कर्मणा याति संसिद्धिम्, व्यञ्जनसंधि - वर्गीयप्रथमवर्णस्य तृतीयवर्ण परिवर्तनम्, 'म' स्थाने अनुस्वारः	"अहंकारः पतनस्य कारणम् " इति विषयमाधृत्य एकाम् कथाम् वर्णयतु	6
2 <sup>nd</sup>	व्याकरणम्	प्रत्ययाः - क्त्वा, ल्यप्, तुमुन्	पाठ्यपुस्तकात् प्रत्ययस्य उदाहरणचयनम्	6
3 <sup>rd</sup>	व्याकरणम्	धातुरूपाणि - सेव्, लभ् ( लट् - लृट् लकारे) वाक्यप्रयोगः। कथापूर्तः अभ्यासकार्यम्	आत्मनेपदिनः धातूनां संग्रहम्	6
4 <sup>th</sup>	रचनात्मककार्यम्	चित्राधारितवाक्यरचना, अनुच्छेदलेखनम्,	स्वकक्षां दृष्ट्वा पञ्चवाक्यलेखनम्	6
AUGUST				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	षष्ठः पाठः व्याकरणम्	तत् त्वम् असि , संख्याप्रयोगः - 26 - 50, अव्ययपदानि - अत्र, तत्र, अन्यत्र, सर्वदा, यत्र, एकत्र, उभयत्र, यदा, तदा , सर्वत्र, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः	छात्राः छान्दोग्योपनिषद्ग्रन्थं पठिष्यन्ति	6
2 <sup>nd</sup>	व्याकरणम्	उपपदविभक्तिः - द्वितीया - चतुर्थी	कक्षायां वार्तालापमाध्यमेन विभक्तेःप्रयोगम्	6
3 <sup>rd</sup>	व्याकरणम्	विसर्गसन्धिः - उत्त्वम्, शत्वम्, षत्वम्, सत्वम्	पाठ्यपुस्तकात् उदाहरणचयनम्	6
4 <sup>th</sup>	रचनात्मककार्यम्	अपठिताबोधनम्, संवादपूर्तिः/ कथापूर्तिः, पत्रलेखनम्,	कक्षायां वार्तालापमाध्यमेन संवादप्रस्तुतिः	6
SEPTEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>		आदर्शप्रश्नपत्रअभ्यासकार्यम्		6
2 <sup>nd</sup>		पुनरावृत्ति		6
3 <sup>rd</sup>		Mid Term Exam		6
4 <sup>th</sup>				6
OCTOBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>				
2 <sup>nd</sup>	सप्तमः पाठः	तरवे नमोऽस्तु	वृक्षम् इव अन्ये के के परोपकारिणःसन्ति इति छात्राः लेखिष्यन्ति	6
3 <sup>rd</sup>	व्याकरणम्	शब्दरूपाणि - भवत्, तत् ( त्रिषु लिङ्गेषु), धातुरूपाणि - भू, ज्ञा (पंचलकारेषु), संख्याः - 51 - 75	छात्राः धातुरूपाणि लेखिष्यन्ति	6
4 <sup>th</sup>				
NOVEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	अष्टमः पाठः , व्याकरणम्	न धर्मवृद्धेषु वयः समीक्ष्यते, प्रत्ययः - शत्	छात्राः "न धर्मवृद्धेषु वयः समीक्ष्यते" इति सूक्तिम् आधृत्य एकम् अन्यम् उदाहरणम् दास्यन्ति	6
2 <sup>nd</sup>	व्याकरणम्	उपपदविभक्तिप्रयोगः - पञ्चमी - षष्ठी- सप्तमी	कक्षायां वार्तालापमाध्यमेन विभक्तेःप्रयोगम्	6

3 <sup>rd</sup>	व्याकरणम्	शब्दरूपाणि - अस्मद्, युष्मद्। धातुरूपाणि - क्षाल्, नी (पंचलकारेषु), रुच् (लट्-लृट् लकारयोः)	छात्राःशब्दरूपाणि लेखिष्यन्ति	6
4 <sup>th</sup>	व्याकरणम् , रचनात्मककार्यम्	संख्याः - 76 - 100, अपठिताबोधनम्, संवादपूर्तिः/ कथापूर्तिः, पत्रलेखनम्,	कक्षायां वार्तालापमाध्यमेन संवादप्रस्तुतिः	6
DECEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	नवमः पाठः, व्याकरणम्	कवयामि वयामि यामि, अव्ययपदानि - किम्, पुत्र, कति, कदा, कुतः, कथम्, किमर्थम्, च, अपि, यदि , तर्जहि, यथा, तथा, सम्यक्, एव	"जीवने शिक्षायाः महत्त्वम्"विषयमधिकृत्य एकाकथालेखनम्	6
2 <sup>nd</sup>	दशमः पाठः	भारतीयं विज्ञानम् (केवलम् आन्तरिकमूल्याङ्कनाय)	छात्राःभारतीय-आविष्कारकाणाम् आविष्काराः लेखिष्यन्ति	6
3 <sup>rd</sup>		post mid term exam		6
4 <sup>th</sup>		post mid term exam		6
JANUARY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	एकादशः पाठः	भारतेनास्ति मे जीवनं जीवनम्( आन्तरिकमूल्याङ्कनाय)	छात्राः अस्य पाठस्य गायनं करिष्यन्ति।	6
2 <sup>nd</sup>	पुनरावृत्ति			6
3 <sup>rd</sup>				6
4 <sup>th</sup>				6
FEBRUARY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>				
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				
MARCH				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>				
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				

Subject: Maths

APRIL				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Real Number	Concept of Real Number, Representation of Real Number on number line	To construct a square-root spiral.	6
2 <sup>nd</sup>	Real Number	Rationalisation & it's application	To represent some irrational numbers on the number line	6
3 <sup>rd</sup>	Real Number	Decimal Expansion & it's type, Law of Exponents		6
4 <sup>th</sup>	Polynomials	Concept of polynomial & it's classification, Terms related to polynomials	To verify the algebraic identity : $(a + b)^2 = a^2 + 2ab + b^2$	6
MAY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Polynomials	Remainder theorem, Factor theorem & it's application	To verify the algebraic identity : $a^2 - b^2 = (a + b)(a - b)$	6
2 <sup>nd</sup>	Polynomials	Factorisation of polynomials & Algebraic identities	To verify the algebraic identity : $(a+b)^3 = a^3 + b^3 + 3a^2 b + 3ab^2$	6
3 <sup>rd</sup>		Summer Vacation		
4 <sup>th</sup>		Summer Vacation		
JUNE				

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>		Summer Vacation		
2 <sup>nd</sup>		Summer Vacation		
3 <sup>rd</sup>	Linear equations in two variables	Introduction to the linear equations,Nature of solutions,Graph of Linear equations of 1-D & 2-D		6
4 <sup>th</sup>	Co-ordinate Geometry	The Cartesian plane,Terms related to Co-ordinate Plane	To find the values of abscissae and ordinates of various points given in a cartesian plane.	6

#### JULY

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Euclid's Geometry	Introduction of Euclid's Geometry, Axioms, Postulates & Theorem	Write the contribution of mathematician in the field of Geometry	6
2 <sup>nd</sup>	Lines & Angeles	Line and pair of lines, Angeles & its Classification	To verify that the sum of the angles of a triangle is 180°.	6
3 <sup>rd</sup>	Lines & Angeles	Application of linear pair Axioms & vertically opposite angles		6
4 <sup>th</sup>	Lines & Angeles	Angle formed by parallel line & transversal lines,Angle sum property & Exterior angle property of triangle		6

#### AUGUST

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Triangle	Concept of congruency of Geometrical figures	To verify experimentally the different criteria for congruency of triangles using triangle cut-outs.	6
2 <sup>nd</sup>	Triangle	Application of SAS & ASA congruence rule		6
3 <sup>rd</sup>	Triangle	Application of SAS & RHS congruence rule		6
4 <sup>th</sup>	Triangle	Theorem related to triangles(The angles opposite to equal sides of a triangle are equal,The sides opposite to equal angles of a triangle are equal)		6

#### SEPTEMBER

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Revision & Mid Term Examination			
2 <sup>nd</sup>	Revision & Mid Term Examination			
3 <sup>rd</sup>	Revision & Mid Term Examination			
4 <sup>th</sup>	Revision & Mid Term Examination			

#### OCTOBER

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Quadrilaterals	Introduction to Quadrilaterals		6
2 <sup>nd</sup>	Quadrilaterals	Quadrilaterals & it's Classification.Theorem related to parallelogram & its application	To find the formula for the area of a trapezium experimentally.	6
3 <sup>rd</sup>	Quadrilaterals	Mid-point theorem,Converse of Mid-point theorem,Intercept theorem & its application		6
4 <sup>th</sup>	Diwali,Bhaiya Dooj & Chhath Puja			

#### NOVEMBER

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Circles	Introduction to circles,pair of circles,Terms related to circle, Congruence of circles & its theorem	To verify that the angle subtended by an arc of a circle at the centre is double the angle subtended by it at any point on the remaining part of the circle.	6
2 <sup>nd</sup>	Circles	Theorem related to chord of Circles,parallel chords,intersecting chords		6

3 <sup>rd</sup>	Circles	Degree measured theorem & it's application(angles on the same segment)		6
4 <sup>th</sup>	Circles	Introduction to cyclic Quadrilaterals & Theorem related to it.	To verify that the opposite angles of a cyclic quadrilateral are supplementary.	6

**DECEMBER**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Areas	Area of triangle using Heron's formula		6
2 <sup>nd</sup>	Surface Areas and Volumes	Surface Area & Volume of Sphere & Hemispheres	To find a formula for the curved surface area of a right circular cylinder, experimentally.	6
3 <sup>rd</sup>	Surface Areas and Volumes	Surface Area & Volume of a Right Circular Cone	Surface area and volume visualization of Three Dimesional figure by paper cutting	6
4 <sup>th</sup>	Winter Break			

**JANUARY**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Statistics	Bar graphs, Histograms(with varying base lengths)	To draw histograms for classes of equal widths and varying widths.	6
2 <sup>nd</sup>	Statistics	Frequency polygons		6
3 <sup>rd</sup>	Revision			
4 <sup>th</sup>	Revision			

**FEBRUARY**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Revision			
2 <sup>nd</sup>	Revision			
3 <sup>rd</sup>	Annual Examination			
4 <sup>th</sup>	Annual Examination			

**MARCH**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Annual Examination			
2 <sup>nd</sup>	Annual Examination			
3 <sup>rd</sup>				
4 <sup>th</sup>				

**SUBJECT : PHYSICS**

**APRIL**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Ch 7 : Motion	Distance and displacement,		2
2 <sup>nd</sup>	Ch 7 : Motion	Velocity; uniform and non-uniform motion along a straight line;		2
3 <sup>rd</sup>	Ch 7 : Motion	Acceleration, distance-time graph		3
4 <sup>th</sup>	Ch 7 : Motion	Numerical from Speed and velocity & acceleration		3

**MAY**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Ch 7 : Motion	Velocity-time graphs for uniform motion and uniformly accelerated motion,	Analyses graphical and mathematical representations of motion in one dimension	2
2 <sup>nd</sup>	Ch 7 : Motion	Elementary idea of uniform circular motion.	NCERT Exercise	2
3 <sup>rd</sup>				
4 <sup>th</sup>				

**JUNE**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
------	---------	-------	----------	-------------------------



1 <sup>ST</sup>				
2 <sup>nd</sup>				
3 <sup>rd</sup>	Ch 8 : Force and Newton's laws:	Force and Motion		2
4 <sup>th</sup>	Ch 8 : Force and Newton's laws:	Newton's Laws of Motion		2
JULY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Ch 8 : Force and Newton's laws	Various application of inertia. Inertia and mass. Newton's Second Law – statement & expression Momentum, Force and Acceleration		3
2 <sup>nd</sup>	Ch 8 : Force and Newton's laws	Application of Newton's Second law of motion. Newton's third law of motion – Action and reaction. Application of Newton's Third law		3
3 <sup>rd</sup>	Ch 8 : Force and Newton's laws	Activity & NCERT exercise.	Applies Newton's laws to explain the effect of forces (change in state of motion – displacement and direction, velocity and acceleration, uniform circular motion, acceleration due to gravity)	3
4 <sup>th</sup>	Ch 9 : Gravitation	Gravitation - Introduction, Universal Law of Gravitation, Application of Universal Law of Gravitation, Force of Gravitation of the earth (gravity)	Explains the relationship between mass and weight using universal law of gravitation and connect it to laws of motion	3
AUGUST				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Ch 9 : Gravitation	Acceleration due to Gravity, Mass and Weight; Free fall Numerical and conceptual question.	Expt. No. 1 - Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.	3
2 <sup>nd</sup>	Ch 9 : Gravitation	In-text and exercise question. Thrust & Pressure		2
3 <sup>rd</sup>	Ch 9 : Gravitation	Solid and liquid pressure,	Expt. No. 2 - Establishing the relation between the loss in weight of a solid when fully immersed in tap water with the weight of water displaced by it by taking at least two different solids.	3
4 <sup>th</sup>	Ch 9 : Gravitation	Archimedes' Principle, Buoyancy		3
SEPTEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Ch 9 : Gravitation	NCERT Exercise	Expt. No. 3 Establishing the relation between the loss in weight of a solid when fully immersed in strongly salty water with the weight of water displaced by it by taking at least two different solids.	2
2 <sup>nd</sup>	Ch 9 : Gravitation	Revision based on Competency based question.		1
3 <sup>rd</sup>		REVISION & MID TERM EXAMINATION		
4 <sup>th</sup>				
OCTOBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>				
2 <sup>nd</sup>	Ch 10: Work and Energy	Work done by a Force, Different cases of work done. Numerical practice		2
3 <sup>rd</sup>	Ch 10: Work and Energy	Energy - mechanical energy		2
4 <sup>th</sup>				
NOVEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Ch 10: Work and Energy	Kinetic energy & its expression, Work energy theorem, Potential energy & its expression		3
2 <sup>nd</sup>	Ch 10: Work and Energy	Potential energy is path independent but dependent on height. Transformation of energy. Law of conservation of energy		3

<b>3<sup>rd</sup></b>	Ch 10: Work and Energy	Concept of power and its unit.	Defines work in scientific terms, and represents the relationship 2 between potential and kinetic energy (conservation of energy) in mathematical expressions	3
<b>4<sup>th</sup></b>	Ch 10: Work and Energy	NCERT exercise.		2

**DECEMBER**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
<b>1<sup>ST</sup></b>	Ch 11: Sound	Concept of sound & its nature, Propagation of sound in various medium , Characteristics of sound		3
<b>2<sup>nd</sup></b>	Ch 11: Sound	Speed of sound,	Describes the origin and properties of sound (wavelength, frequency, amplitude) and differences in what we hear as it propagates through different instruments	3
<b>3<sup>rd</sup></b>	Ch 11: Sound	Numerical practice	Expt. N0.- 4 Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).	2
<b>4<sup>th</sup></b>				

**JANUARY**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
<b>1<sup>ST</sup></b>				
<b>2<sup>nd</sup></b>	Ch 11: Sound	Range of hearing in Humans. Ultrasonic sound & its application Reflection of sound & its law.		3
<b>3<sup>rd</sup></b>	Ch 11: Sound	Echo & its condition, Multiple echo & its application, Reverberation and reverberation time	Expt. No.- 5 Verification of the Laws of reflection of sound	3
<b>4<sup>th</sup></b>	Ch 11: Sound	NCERT exercise		3

**FEBRUARY**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
<b>1<sup>ST</sup></b>	<p align="center"><b>REVISION for ANNUAL EXAMINATION</b></p>			
<b>2<sup>nd</sup></b>				
<b>3<sup>rd</sup></b>				
<b>4<sup>th</sup></b>				

**MARCH**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
<b>1<sup>ST</sup></b>				
<b>2<sup>nd</sup></b>				
<b>3<sup>rd</sup></b>				
<b>4<sup>th</sup></b>				

**SUBJECT: CHEMISTRY**

**APRIL**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
<b>1<sup>ST</sup></b>	Matter In Our Surroundings	Physical Nature Of Matter	Experiment To Demonstrate The Particle Nature Of Matter	3
<b>2<sup>nd</sup></b>	Matter In Our Surroundings	Diffusion	Experiment To Demonstrate That The Particles Of Matter Are Very Small	3
<b>3<sup>rd</sup></b>	Matter In Our Surroundings	Characteristics Of Particles Of Matter	Experiment To Demonstrate The Particle Of Matter Move Faster With Rise in Temperature	3
<b>4<sup>th</sup></b>	Matter In Our Surroundings	State Of Matter	Experiment To Compare The Compressibility Of Solids, Liquids And Gases.	3

**MAY**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
<b>1<sup>ST</sup></b>	Matter In Our Surroundings	Properties Of Solids	Experiment To Determine The Melting Point And Boiling Point.	3

2 <sup>nd</sup>	Matter In Our Surroundings	Properties Of Liquids	Experiment To Demonstrate Sublimation Of Ammonium Chloride	3
3 <sup>rd</sup>	Summer Vacation	Holiday Assignment		
4 <sup>th</sup>	Summer Vacation	Holiday Assignment		
JUNE				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Summer vacation	Holiday Assignment		
2 <sup>nd</sup>	Summer vacation	Holiday Assignment		
3 <sup>rd</sup>	Matter in our surroundings	Latent Heat	Experiment To Demonstrate That Evaporation Causes Cooling.	3
4 <sup>th</sup>	Matter in our surroundings	Evaporation And Its Cause		3
JULY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Is matter around us pure?	Pure Substances, Elements And Compounds	Experiment To Study Properties Of A Compound	3
2 <sup>nd</sup>	Is matter around us pure?	Classification Of Elements As Metals And Non Metals		3
3 <sup>rd</sup>	Is matter around us pure?	Metals	Burning Of Magnesium Ribbon	3
4 <sup>th</sup>	Is matter around us pure?	Non Metals	Burning Of Nonmetals	3
AUGUST				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Is matter around us pure?	Compounds		3
2 <sup>nd</sup>	Is matter around us pure?	Mixtures	Preparation Of Homogeneous And Heterogeneous Mixture.	3
3 <sup>rd</sup>	Is matter around us pure?	Physical And Chemical Changes	Experiment For Chemical Changes	3
4 <sup>th</sup>	Is matter around us pure?	Solutions, Colloidal Solutions And Suspension	Preparation Of Solutions, Detection Of Solution, Colloidal Solution And Suspension	3
SEPTEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	REVISION			
2 <sup>nd</sup>		REVISION & MID TERM EXAM		
3 <sup>rd</sup>				
4 <sup>th</sup>				
OCTOBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Atoms And Molecules	Laws Of Chemical Combination	Experimental Demonstration Of Law Of Conservation Of Mass.	3
2 <sup>nd</sup>	Atoms And Molecules	Dalton'S Atomic Theory And Its Limitations		3
3 <sup>rd</sup>	Atoms And Molecules	Atoms And Atomic Mass	Game On The Basis Of A Atomic Number And Atomic Mass	3
4 <sup>th</sup>	Atoms And Molecules	Molecules And Compounds	Formation Of Models Compounds With The Help Of Clay.	3
NOVEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Atoms And Molecules	Molecular Mass And Formula Mass	A Game On The Basis Of Formation Of Molecules From Atoms	3
2 <sup>nd</sup>	Atoms And Molecules	Chemical Formulae	Classroom Activity To Understand Formation Of Chemical Formulae.	3
3 <sup>rd</sup>	Atoms And Molecules	Chemical Formulae		3
4 <sup>th</sup>	Atoms And Molecules	Chemical Formulae		3
DECEMBER				

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Structure Of Atom	Discovery Of Electrons, Protons And Neutrons	Demonstration To Understand Thomson Model Of Atom	3
2 <sup>nd</sup>	Structure Of Atom	Thomson Model Of Atom And Rutherford'S Model Of Atom		3
3 <sup>rd</sup>	Structure Of Atom	Atomic Number And Mass Number	Preparation Of Model Of Each Atoms With Atomic Number And Mass Number	3
4 <sup>th</sup>	Structure Of Atom	Bohr'S Model Of Atom	Experimental Demonstration For Electron Distribution In Different Orbits	3

#### JANUARY

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Structure Of Atom	Isotopes And Isobars		3
2 <sup>nd</sup>	Structure Of Atom	Valence Electron And Valency		3
3 <sup>rd</sup>	Structure Of Atom	Numericals		3
4 <sup>th</sup>	Structure Of Atom	Revision		3

#### FEBRUARY

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Matter In Our Surroundings And Is Matter Around Us Pure?	Revision		3
2 <sup>nd</sup>	Atoms And Molecules, And Structure Of Atoms	Revision		3
3 <sup>rd</sup>	Annual Exam			
4 <sup>th</sup>	Annual Exam			

#### MARCH

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Annual Exam			
2 <sup>nd</sup>	Annual Exam			
3 <sup>rd</sup>				
4 <sup>th</sup>				

### SUBJECT- BIOLOGY

#### APRIL

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Cell-The Fundamental Unit of Life	Discovery of cell	Make a project of Plant cell	1
2 <sup>nd</sup>	Cell-The Fundamental Unit of Life	Type of Cell	Make a project of Animal cell	1
3 <sup>rd</sup>	Cell-The Fundamental Unit of Life	structural Organisation of a Cell	Prepare a model of Mitochondria	1
4 <sup>th</sup>	Cell-The Fundamental Unit of Life	cell membrane	Function of Cell membrane	1

#### MAY

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Cell-The Fundamental Unit of Life	Diffusion and Osmosis , Nucleus	Explain the example of Osmosis	1
2 <sup>nd</sup>	Cell-The Fundamental Unit of Life	cytoplasm and protoplasm, Endoplasmic reticulum	Explain the example of diffusion	2
3 <sup>rd</sup>				

4 <sup>th</sup>				
JUNE				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>				
2 <sup>nd</sup>				
3 <sup>rd</sup>	Cell-The Fundamental Unit of Life	Lysosome, Golgi apparatus , Ribosomes	what are the function of Lysosome	1
4 <sup>th</sup>	Cell-The Fundamental Unit of Life	Mitochondria,plastids,Vacuoles	prepare a model of Mitochondria	2
JULY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Tissue	Plant Tissue	Make a model of meristematic tissue	
2 <sup>nd</sup>	Tissue	Characteristics of meristematic tissue		1
3 <sup>rd</sup>	Tissue	Type of meristematic tissue		1
4 <sup>th</sup>	Tissue	permanent tissue	Make a Chart showing Xylem and phloem	1
AUGUST				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Tissue	Simple permanent tissue		
2 <sup>nd</sup>	Tissue	Complex permanent tissue		1
3 <sup>rd</sup>	Tissue	Animal Tissue	Make a chart showing different type of muscular tissue	
4 <sup>th</sup>	Tissue	Epithelial Tissue		1
SEPTEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Tissue	Type of Epithelial tissue		1
2 <sup>nd</sup>	Tissue	Connective tissue		
3 <sup>rd</sup>	Tissue	Muscular tissue		1
4 <sup>th</sup>	Tissue	Nervous tissue	Make a model of Neuron	1
OCTOBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Improvement in food Resources	Improvement in Crop Yields		
2 <sup>nd</sup>	Improvement in food Resources	Crop variety Improvement		1
3 <sup>rd</sup>	Improvement in food Resources	Crop production Management	Describe cropping patterns	
4 <sup>th</sup>	Improvement in food Resources	Manure and Fertilizer		1
NOVEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Improvement in food Resources	Organic farming	Find out the need and importance of Organic farming	
2 <sup>nd</sup>	Improvement in food Resources	Method of Irrigation	Describe irrigation system in India	1
3 <sup>rd</sup>	Improvement in food Resources	Cropping patterns		
4 <sup>th</sup>	Improvement in food Resources	Crop protection Management		1
DECEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Improvement in food Resources	Animal Husbandry		
2 <sup>nd</sup>	Improvement in food Resources	Cattle Farming		1

3 <sup>rd</sup>	Improvement in food Resources	Poultry farming		
4 <sup>th</sup>	Improvement in food Resources	Fish production	Describe different method of fish farming	1

**JANUARY**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Improvement in food Resources	Marine fisheries		1
2 <sup>nd</sup>	Improvement in food Resources	Inland fisheries		1
3 <sup>rd</sup>	Improvement in food Resources	Composite fish Culture		1
4 <sup>th</sup>	Improvement in food Resources	Bee keeping	Advantage of bee keeping	

**FEBRUARY**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Improvement in food Resources	Bee keeping		
2 <sup>nd</sup>	Improvement in food Resources	Bee keeping		
3 <sup>rd</sup>	Improvement in food Resources	Bee keeping		
4 <sup>th</sup>	Improvement in food Resources	Bee keeping		

**MARCH**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>				
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				

Subject- Social Science

**SUBJECT: HISTORY**

APRIL				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	The French Revolution (History)	Introduction to the French Revolution, Causes of the Revolution	Read aloud, key terms, causes of the Revolution, Map work showing the spread of the Revolution, HW: Write a short essay on the impact of the French Revolution	4
2nd	The French Revolution (History)	Significance of Bastille, Radical Phase, Rise of Napoleon and Jacobins, Reign of Terror and its significance	Prepare a report on Bastille and analyze its significance, Timeline study of Bastille, Sketch of Reign of Terror	5
3rd	The French Revolution (History)	Rise of Napoleon, End of Revolution	Map work on Napoleon, Compare war vs peace time, Napoleonic code and its effect	4
4th	Introduction to Democracy (Civics)	Defining Democracy, Characteristics, Types (Direct vs Indirect)	Review any summary, class discussion, Q&A on types of democracy, Open book chapter test	4
MAY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	Constitutional Design (Civics)	Introduction, Importance, Making of Book of Constitution	Student Presentation on Sub topic	6
2nd	Constitutional Design (Civics)	Guiding Values of the Indian Constitution, Making of Indian Constitution	Discuss question or doubts	3
3rd	SUMMER VACATION			
4th	SUMMER VACATION			
JUNE				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	SUMMER VACATION			

2nd	SUMMER VACATION			
3rd	Socialism in Europe and the Russian Revolution	Introduction , Marxism, Liberalism, Conservatism, Social Change, Socialism in Europe	list difference between the capitalist and socialist idea of private property	4
4th	Socialism in Europe and the Russian Revolution	Russian revolution (economy and society)) socialism in Russia (1905 revolution) the first World war and the Russian Empire		4
JULY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	Socialism in Europe and the Russian revolution	The February revolution in patrograd, After February, revolution of October 1917, what changes after October	write a short account from the standpoint (1) small peasant(2) A journalist	4
2nd	ch-2(history) Russian revolution	Civile war,stalinism and collectivisation , influence of Russian revolution	Effect of Russian revolution in India(Recap and Revise)	5
3rd	Electoral politics ch-3 civics	Election,process, democracy vs dictatorship, why Election	Recognise the significance of election commission	3
4th	Electoral politics	System of Election and procedure, Reserved seat , volter list etc	write a report and review on fair and unfair electoral practice	3
AUGUST				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	Electoral politics	Election outcome , popular participation, challenge to conduct free and fair election	Prepare a notes on strength and weekness of our Electoral system	4
2nd	(History) ch-3 Nazism and the rise of Hitler	introduction,causes of Hitler's Rise ,weimar republic, effect of war , political Radicalism	Reading and Revised	4
3rd	Nazism and Rise of Hitler	The year of depression, Hitler's ideology, Nazi party	Map Work of central powers and Axis powers	4
4th	Nazism and the rise of Hitler	Distruction of democracy ,Nazi worldview	learn important keywords	4
SEPTEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	Nazism and the Rise of Hitler	Youth in Nazi Germany ,The art of propaganda,crime against Humanity ☹	prepare a notes on some important dates	4
2nd	ch-3(history),ch-3(civics)	Revised and review, assessment ,Hw and CW check	make complete notes revise and recap	3
3rd	MID TERM EXAMINATION			
4th				
OCTOBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	Dussehra vacation			
2nd	Forest society and colonialism	Introduction, Forest in colonial india	prepare a notes on different type of forest in india	4
3rd	Forest society and colonialism	Forest act and rule, significance of forest, Who could hunt?	Identify and prepare reports of hundreds of species of different trees and plants	4
4th	Diwali ,BhaiDuj and Chhat puja vacation			
NOVEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	Ch-4 (History) forest society and colonialism	Rebellion in the forest, forest transformation in Java , Samin's challenge	changes in forest occurs recently in india collect report	4
2nd	working of institutions ( ch-4)	legislative, executive, Judiciary role of prime minister	prepare a chart of role of legislative, executive and Judiciary	4
3rd	working of institutions	Role of parliament, Federal structure	Debate on parliament	4
4th	working of institutions	political and permanent executive,the judiciary	collect newspaper and classify news related to different working institutions	4
DECEMBER				

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	ch-5(civics) Democratic Rights	Introduction of Right ,life without Right, need of Right in democracy	write a report on any instances of Human Right Violation	5
2nd	Democratic Rights	Rights in the Indian constitution, reservations, untouchability, expanding scope of Rights	prepare a report on custodial violence Ethnic massacre in india	5
3rd	ch-4 history, ch-4 civics,ch-5 (civics)	Revision and assessment	assignment work, preparation of important questions	5
4th	POST MID TERM			

#### JANUARY

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST		WINTER BREAK		
2nd	ch-5 (history) Pastoralist in the modern world	Role of Pastoralist ,pastoral Nomads	prepare assignment related to different Pastoralist in india	4
3rd	ch-5 History	colonial impact on pastoral life, Pastoralist in Africa	Find similarity in Indian and African Nomads	4
4th	ch-3 (history), ch-4 (civics),and ch-5 (civics)	Revision and Assessment	project work	5

#### FEBRUARY

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	Revision of chapter according to CBSE syllabus	Revise and Recap		5
2nd	Revision Assessment	previous year important questions practice		4
3rd	ANNUAL EXAM			
4th				

#### MARCH

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1ST	ANNUAL EXAM			
2nd				
3rd	RESULT PUBLICATION			
4th				

#### SUBJECT: GEOGRAPHY

APRIL				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Chapter-I India Size and Location	Location of India	Map Skill: Identify the location of India in the Indian subcontinent.	2
2 <sup>nd</sup>	Chapter-I	Size of the India	Map Skill: India's Neighbours in Political Map	2
3 <sup>rd</sup>	Chapter-I	India and the World	Map Skill: India and the World in World Political Map	2
4 <sup>th</sup>	Chapter-I	India's Neighbours	Map Skill: India and the World in World Political Map	2

#### MAY

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Chapter 2 Physical Features of India	Major Physiographic Divisions - Himalayan Mountains	Understand and identification of the major landform features and the underlying geological structure	2
2 <sup>nd</sup>	Chapter 2 Physical Features of India	Northern Plains, Peninsular Plateau,	various rocks and minerals as well as nature of soil types.	2
3 <sup>rd</sup>	SUMMER VACATION			
4 <sup>th</sup>				

#### JUNE

WEEK	CHAPTER	TOPIC	ACTIVITY	PERIODS REQUIRED
------	---------	-------	----------	------------------



1 <sup>ST</sup>	SUMMER VACATION			
2 <sup>nd</sup>				
3 <sup>rd</sup>	Chapter 2 Physical Features of India	Indian Desert, Coastal Plains, Islands.	Model Exhibition in Class	2
4 <sup>th</sup>	Chapter 2 Physical Features of India	Contrast between different landforms and land feacture	Explain the inportance of major land feactures	2
JULY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Chapter-3 Drainage	Concept of Drainage System	Discussion on local Rivers and their origin place and meeting point	2
2 <sup>nd</sup>	Chapter-3 Drainage	Drainage System in India	Identify the river systems of the country	2
3 <sup>rd</sup>	Chapter-3 Drainage	The Himalayan Rivers Brahmaputra River System Ganga and	Explain the role of rivers in the human society.	2
4 <sup>th</sup>	Chapter-3 Drainage	The Peninsular Rivers Narmada Basin, Tapti basin, Godavari Basin, Mahanadi Basin, Krishna Basin, Kaveri Basin	Map Making: India River System	2
AUGUST				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Chapter-3 Drainage	Lakes( Salt water lake and fresh water lake)	Prepare an questions framework	2
2 <sup>nd</sup>	Chapter-3 Drainage	Role of Rivers in the Economy	Reading and Revised	1
3 <sup>rd</sup>	Chapter-3 Drainage	River Pollution	Paper Cutting/ Image Collection: Ganga Action Plan/"Nomami Gange"	1
4 <sup>th</sup>	Chapter-3 Drainage	Map Skill: Identify the river systems of the country	Explain the role of rivers in the human society	1
SEPTEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Chapter-4 Climate	Concept of Climatic Controls	Group Discussion	2
2 <sup>nd</sup>	ch-3(history),ch-3(civics)	Revised and review, assessment ,Hw and CW check	Make complete notes revise and recap	2
3 <sup>rd</sup>	MID TERM EXAMINATION			
4 <sup>th</sup>				
OCTOBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Dussehra Vacation			
2 <sup>nd</sup>	Chapter-4 Climate	Factors influencing India's climate Latitude, Altitude, Pressure and Winds (excluding Jet Streams and Western Cyclonic Disturbances and related figures)	In a map mention the Seasons-Cold Weather Season, Hot Weather Season, Advancing Monsoon, Retreating/Post Monsoons	2
3 <sup>rd</sup>	Chapter-4 Climate	The Seasons-Cold Weather Season, Hot Weather Season, Advancing Monsoon, Retreating/Post Monsoons		2
4 <sup>th</sup>	Diwali ,Bhai-Duj and Chhat Puja vacation			
NOVEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Chapter-4 Climate	Distribution of Rainfall	Map Skill: Rainfall Distribution Map	2
2 <sup>nd</sup>	Chapter-4 Climate	Monsoon as a unifying bound	Making a questions framework	2
3 <sup>rd</sup>	Chapter-5 Natural Vegetation and Wild Life	Types of Vegetation Tropical Evergreen Forests, Tropical Deciduous Forests, Thron Forests and Shrubs, Montane Forests, Mangrove Forests	Explain the nature of diverse flora and fauna as well as their distribution. Interdisiplinary project as part of multiple assessments (Internally assessed for 5 marks)	2
4 <sup>th</sup>	Chapter-5 Natural Vegetation and Wild Life	Wild Life: (Only map pointing to be evaluated in the annual examination)	Develop concern about the need to protect the biodiversity of our country.	2
DECEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED

1 <sup>ST</sup>	Chapter-6 Population	Population Size and Distribution India's Population Size and Distribution by Numbers,		2
2 <sup>nd</sup>	Chapter-6 Population	India's Population Distribution by Density.	Presentation of India Population Density Map	2
3 <sup>rd</sup>	Chapter-6 Population	Population Growth and Processes of Population Change	Group Discussion on NPP-2000	2
4 <sup>th</sup>	POST MID TERM			

JANUARY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	WINTER BREAK			
2 <sup>nd</sup>	Chapter-6 Population	Population Growth, Processes of Population Change/Growth.	Bar Graph: Population Growth Rate Distribution	2
3 <sup>rd</sup>	Chapter-6 Population	Analyse the uneven nature of population distribution	Population distribution in political Map	2
4 <sup>th</sup>	ch-3 (Drainage), ch-4 (Climate),and ch-5 (Population)	Revision and Assessment	Project Work	2

FEBRUARY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Revision of chapter acco	Revise and Recap	Quiz Contest/Flash Card Distribution	2
2 <sup>nd</sup>	Revision Assessment	previous year important questions practice	Make complete notes revise and recap	2
3 <sup>rd</sup>	ANNUAL EXAM			55
4 <sup>th</sup>				

MARCH				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	ANNUAL EXAM			
2 <sup>nd</sup>				
3 <sup>rd</sup>	RESULT PUBLICATION			
4 <sup>th</sup>	SESSION BREAK			

SUBJECT: ECONOMICS

Weeks	Chapter	Chapters & Topics	Activities	Periods
APRIL				
Week 1-2	The Story of Village Palampur	Introduction, Organization of Production, Factors of Production, Non-Farming Activities	Group Discussion on Farming Methods	6
Week 3-4		Technological Developments in Farming, Land Distribution and Its Impact	Role Play on Rural Economy, Case Study on Green Revolution	6
MAY				
Week 1-2	People as Resource	Economic Activities by Men and Women, Quality of Population, Vulnerable Groups, Inter-State Disparities	Class presentation on human resources, Mock Discussion on Government Policies	6
Week 3-4		Global Scenario, Role of Government, Recent Trends, Sustainable Development	Case Study on Global Job Market	6
JUNE				
Summer Break		Project Work and Revision	Individual Project on Socio-economic Issues	-
JULY				
Week 1-2	Poverty as a Challenge	Introduction, Causes of Poverty, Anti-Poverty Measures, Global Scenario, Role of Government	Case Study on Poverty in India, Group Discussion on Sustainable Solutions	6
Week 3-4		Vulnerable Groups, Inter-State Disparities, Recent Trends, Sustainable Development	Mock Discussion on Government Policies, Group Discussion on Sustainable Solutions	6
AUGUST				
Week 1-2	Food Security in India	Concept, Need for Food Security, Role of Government, Buffer Stock, Public Distribution System	Debate on Food Security, Visit to a Local PDS Shop	6
Week 3-4		Challenges, Role of Cooperatives, Role of International Organizations, Ensuring Availability and Access	Group Project on Food Distribution, Debate on Global Food Security, Project on Food Security Measures	6
SEPTEMBER				

Week 1-2		REVISION & MID TERM EXAMINATION		6
Week 3-4				6
OCTOBER				
Week 1-2	People as Resource (REVISION)	Economic Activities by Men and Women, Quality of Population, Vulnerable Groups, Inter-State Disparities		6
Week 3-4		Global Scenario, Role of Government, Recent Trends, Sustainable Development		6
NOVEMBER				
Week 1-2	Poverty as a Challenge (REVISION)	Introduction, Causes of Poverty, Anti-Poverty Measures, Global Scenario, Role of Government		6
Week 3-4		Vulnerable Groups, Inter-State Disparities, Recent Trends, Sustainable Development		6
DECEMBER				
Week 1-2	Food Security in India (REVISION)	Concept, Need for Food Security, Role of Government, Buffer Stock, Public Distribution System		6
Week 3-4		Challenges, Role of Cooperatives, Role of International Organizations, Ensuring Availability and Access		6
JANUARY				
Week 1-2	The Story of Village Palampur (REVISION)	Introduction, Organization of Production, Factors of Production, Non-Farming Activities		6
Week 3-4		Technological Developments in Farming, Land Distribution and Its Impact		6
FEBRUARY				
1 <sup>ST</sup>	REVISION			
2 <sup>nd</sup>	REVISION			
3 <sup>rd</sup>	ANNUAL EXAM			
4 <sup>th</sup>				
MARCH				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	ANNUAL EXAM			
2 <sup>nd</sup>				
3 <sup>rd</sup>	RESULT PUBLICATION			
4 <sup>th</sup>	SESSION BREAK			

**SUBJECT : ARTIFICIAL INTELLIGENCE**

APRIL				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 1: Communication Skills-I	Introduction to Communication:, Types of Communication, Advantages & Disadvantages	Identify the elements of communication & draw a communication cycle., List the 7Cs of communication.	2
2 <sup>nd</sup>	Unit 1: Communication Skills-I	Writing Skills: Parts of Speech,Sentences, Pronunciation Basics, Greetings and Introduction	Identify &Explain the usage of the basic & Supporting parts of speech	2
3 <sup>rd</sup>	Unit 2: Self-Management Skills-I	Introduction to Self-management, Strengths and Weakness Analysis	List the various self-management skills.	2
4 <sup>th</sup>	Unit 2: Self-Management Skills-I	Self-confidence & Positive Thinking, Personal. Hygiene	List your own strengths and weaknesses., List factors that influence self-confidence.	2
MAY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 2: Self-Management Skills-I	Identifying strengths, weaknesses	Identify ways in which you can develop a positive attitude.	2
2 <sup>nd</sup>	Unit 1: AI Reflection, Project Cycle and Ethics	Understanding AI	Activity: Make a statement about lighting and LUIS will interpret and adjust the house accordingly <a href="https://aidemos.microsoft.com/luis/demo">https://aidemos.microsoft.com/luis/demo</a>	2
3 <sup>rd</sup>	summer vacation	holiday assignment		2
4 <sup>th</sup>	summer vacation	holiday assignment		2

JUNE				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	summer vacation			2
2 <sup>nd</sup>	summer vacation			2
3 <sup>rd</sup>	Unit 1: AI Reflection, Project Cycle and Ethics	Domains of AI and Applications of AI	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>	2
4 <sup>th</sup>	Unit 1: AI Reflection, Project Cycle and Ethics	AI Reflection, AI Project Cycle	Ways to visualise data using various types of graphical tools.	2
JULY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 1: AI Reflection, Project Cycle and Ethics	Introduction to AI Project Cycle, Problem Scoping, Data Acquisition, Data Exploration, Modeling, Evaluation, Deployment	Fill in the 4Ws problem canvas and a problem statement to learn more about the problem identified in the community/ society, Acquiring Data, Processing, and Interpreting Data	2
2 <sup>nd</sup>	Unit 1: AI Reflection, Project Cycle and Ethics	AI Ethics	Students to explore Moral Machine ( <a href="https://www.moralmachine.net/">https://www.moralmachine.net/</a> ) to understand more about the impact of ethical concerns	2
3 <sup>rd</sup>	UNIT 2: DATA LITERACY	Basics of Data Literacy, Acquiring Data, Processing	Reference Videos: ● <a href="https://www.youtube.com/watch?v=yhO_t-c3yJY">https://www.youtube.com/watch?v=yhO_t-c3yJY</a> ● <a href="https://www.youtube.com/watch?v=aO858HyFbKI">https://www.youtube.com/watch?v=aO858HyFbKI</a> ● <a href="https://www.cbse.gov.in/cbsenew/documents/Cyber%20Safety.pdf">https://www.cbse.gov.in/cbsenew/documents/Cyber%20Safety.pdf</a>	2
4 <sup>th</sup>	UNIT 2: DATA LITERACY	Interpreting Data, Project Interactive Data.	Data visualization Using Tableau Reference Links ● <a href="https://public.tableau.com/en-us/s/download">https://public.tableau.com/en-us/s/download</a> ● <a href="https://www.datawrapper.de/">https://www.datawrapper.de/</a> Video Links: ● <a href="https://www.youtube.com/watch?v=NL_CzpPRCc7U">https://www.youtube.com/watch?v=NL_CzpPRCc7U</a> ● <a href="https://www.youtube.com/watch?v=_M8BnosAD78">https://www.youtube.com/watch?v=_M8BnosAD78</a>	2
AUGUST				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	UNIT 2: DATA LITERACY	Dashboard & Presentation, Data visualization	Data Exploration/ Data Visualisation ● Need of visualising data ● Ways to visualise data using various types of graphical tools.	2
2 <sup>nd</sup>	Unit 3: ICT Skills-I	Introduction to ICT, Ict tools	Identify the importance of information and communication technology.	2
3 <sup>rd</sup>	Unit 3: ICT Skills-I	Parts of a computer, Peripherals	Demonstrate the knowledge of application of ICT in our daily life	2
4 <sup>th</sup>	Unit 3: ICT Skills-I	Basic of computer operations, communication and networking	Identify various parts of a mobile device and list their functions.	2
SEPTEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	REVISION FOR MID TERM EXAMINATION & EXAM.			
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				

OCTOBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	UNIT 3: MATH FOR AI (Statistics & Probability)	Importance of Math for AI, Use of Math in AI.	Importance of Math for AI ● Finding Patterns in Numbers and images. ● Uses of Math - ○ Statistics ○ Linear Algebra ○ Probability ○ Calculus	2
2 <sup>nd</sup>	UNIT 3: MATH FOR AI (Statistics & Probability)	Number Patterns Picture Analogy, Understand the concept of Statistics in real life.	Activity: ● observe the number pattern and find the missing number. ● To find connections between sets of images and use that to solve problems	2
3 <sup>rd</sup>	UNIT 3: MATH FOR AI (Statistics & Probability)	Application in various real life scenarios, understand the concept of Probability in real life and explore various types of events.	How to calculate the probability of an event, understand the concept of Probability using a relatable example.	2
4 <sup>th</sup>	UNIT 4: INTRODUCTION TO GENERATIVE AI	Generative AI, enenerative AI vs Conventional AI	Activity: Guess the Real Image vs. the AI-generated image	2
NOVEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	UNIT 4: INTRODUCTION TO GENERATIVE AI	Types of Generative AI, Benefits of using Generative AI	Generative AI vs Conventional AI Benefits of using Generative AI	2
2 <sup>nd</sup>	UNIT 4: INTRODUCTION TO GENERATIVE AI	Generative AI tools, Responsible Use of Generative AI	Activity: Guess the Real Image vs. the AI-generated image	2
3 <sup>rd</sup>	Unit 4 : Entrepreneurial Skills-I	Entrepreneurship, Role of Entrepreneurship, Qualities of a Successful Entrepreneur	Identify the characteristics of an entrepreneur., Explain the importance of entrepreneur and its role in country's and society's growth. Identify and describe the qualities of a successful entrepreneur.	2
4 <sup>th</sup>	Unit 4 : Entrepreneurial Skills-I	Entrepreneurship and Wage Employment, .Types of Business Activities - Product, Service and Hybrid Businesses, Entrepreneurship Development Process	Identify difference between product and service business activities. examples as product, service and hybrid businesses. Identify different steps of starting a business.	2
DECEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 5: Green Skills-I	Society and environment, Conserving Natural Resources	Presentation on SDGS goal with brief discussion	2
2 <sup>nd</sup>	Unit 5: Green Skills-I	Sustainable Development and Green Economy	Green Economy	2
3 <sup>rd</sup>	Unit 5: Introduction to Python	Introduction to Language Python, Modes of Python	Introduction to programming using Online Gaming portals like Code Combat.	2
4 <sup>th</sup>	Unit 5: Introduction to Python	Python Programming and its Applications	Introducing python programming and its applications	2
JANUARY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 5: Introduction to Python	Python Basic -Variables, Arithmetic Operators, Expressions	Python Basics (Variables, Arithmetic Operators, Expressions, Comparison Operators, logical operators, Assignment Operators)	2
2 <sup>nd</sup>	Unit 5: Introduction to Python	Data Types - integer, float, strings	Data Types - integer, float, strings, type conversion	2
3 <sup>rd</sup>	Unit 5: Introduction to Python	print() and input() functions, Control flow statement in Python	Python Program using print() and input() functions, some simple problem-solving exercises on Python Compiler.	2
4 <sup>th</sup>	Unit 5: Introduction to Python	List in Python	some basic problem-solving exercises using conditional and iterative statements on Python Compiler. Practical: Python Lists, some basic problem-solving exercises using lists on Python Compiler	2
FEBRUARY				

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>			REVISION FOR ANNUAL EXAMINATION	
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				
MARCH				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>		ANNUAL EXAM		
2 <sup>nd</sup>		ANNUAL EXAM		
3 <sup>rd</sup>				
4 <sup>th</sup>				

**SUBJECT : INFORMATION TECHNOLOGY**

APRIL				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 1: Communication Skills-I	Introduction to Communication:, Types of Communication, Advantages & Disadvantages	Identify the elements of communication & draw a communication cycle., List the 7Cs of communication.	2
2 <sup>nd</sup>	Unit 1: Communication Skills-I	Writing Skills: Parts of Speech,Sentences, Pronunciation Basics, Greetings and Introduction	Identify &Explain the usage of the basic & Supporting parts of speech	2
3 <sup>rd</sup>	Unit 2: Self-Management Skills-I	Introduction to Self-management, Strengths and Weakness Analysis	List the various self-management skills.	2
4 <sup>th</sup>	Unit 2: Self-Management Skills-I	Self-confidence & Positive Thinking, Personal. Hygiene	List your own strengths and weaknesses., List factors that influence self-confidence.	2
MAY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 2: Self-Management Skills-I	Identifying strengths, weaknesses	Identify ways in which you can develop a positive attitude.	2
2 <sup>nd</sup>	Unit 1: Introduction to IT- ITeS industry	Introduction to IT and ITeS, BPO services, BPM industry in India, Structure of the IT-BPM industry, Applications of IT	Identify and list the various IT enabled services, Observe the application of IT in various areas.	2
3 <sup>rd</sup>	summer vacation	holiday assignment		2
4 <sup>th</sup>	summer vacation	holiday assignment		2
JUNE				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	summer vacation			2
2 <sup>nd</sup>	summer vacation			2
3 <sup>rd</sup>	Unit 2: Data Entry & Keyboarding Skills	Keyboarding Skills, Types of keys on keyboard, Positioning of fingers on the keyboard, Allocation of keys to <u>fingers on four different rows.</u>	Identify the keys and its use on the keyboard, Practice the correct typing ergonomics	2
4 <sup>th</sup>	Unit 2: Data Entry & Keyboarding Skills	Introduction to Rapid Typing Tutor, Touch typing technique, Calculating typing speed	Practice to type text in typing tutor software and interpret the results	2
JULY				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 3: Digital Documentation	Introduction to word processing, Creating a document, Parts of a <u>Word Processor Window</u>	List the available word processing applications, Introduce with the parts of the <u>main window. Change document views.</u>	2
2 <sup>nd</sup>	Unit 3: Digital Documentation	Apply Editing features, Apply formatting features	Use the options to select, cut, copy, paste, and move text. Demonstrate to format paragraphs – indent/align paragraphs, assign font colour, highlighting, and <u>background colour</u>	2
3 <sup>rd</sup>	Unit 3: Digital Documentation	Create and work with tables, Use Print Options	Create table, Insert and delete rows and column in a table, Split and merge tables, Delete a table, Print the document with various options	2

4 <sup>th</sup>	Unit 3: Digital Documentation	Understand and apply mail merge	Create a main document, Create the data source, Enter data in the fields, Merge the data source with main document	2
AUGUST				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 4:Electronic Spreadsheet	ntroduction to spreadsheet application, Starting a spreadsheet • Parts of a spreadsheet • Worksheet – Rows and Columns, Cell and Cell Address, • Range of cells	Start the spreadsheet, • Identify the parts of Calc, • Identify the rows number, column number, cell address, • Define the range of cell	2
2 <sup>nd</sup>	Unit 3: ICT Skills-I	Introduction to ICT, Ict tools	Identify the importance of information and communication technology.	2
3 <sup>rd</sup>	Unit 3: ICT Skills-I	Parts of a computer, Peripherals	Demonstrate the knowledge of application of ICT in our daily life	2
4 <sup>th</sup>	Unit 3: ICT Skills-I	Basic of computer operations, communication and networking	Identify various parts of a mobile device and list their functions.	2
SEPTEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	REVISION FOR MID TERM EXAMINATION & EXAM.			
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				
OCTOBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 4:Electronic Spreadsheet	Apply formula and functions in spreadsheet, Commonly used basic functions in a spreadsheet – SUM, AVERAGE, MAX, MIN, Count	Demonstrate to enter formula in a cell, • Construct the formula using mathematical operators, • Identify formulae with cell addresses and operators,	2
2 <sup>nd</sup>	Unit 4:Electronic Spreadsheet	Format data in the spreadsheet,	Demonstrate to format range of cells with decimal places, • Demonstrate to format a range of cells to labels, • Demonstrate to format of a cell range as scientific, • Demonstrate to format a range of cells to display time, • Demonstrate to align cell data range,	2
3 <sup>rd</sup>	Unit 4:Electronic Spreadsheet	Formula, how to enter formula, • Mathematical operators used in formulae, • Simple calculations using values and operators, • Formulae with cell addresses and operators	Demonstrate to enter formula in a cell, • Construct the formula using arithmetical operators, • Identify formulae with cell addresses and operators,	2
4 <sup>th</sup>	Unit 4:Electronic Spreadsheet	Speeding up data entry using the fill handle, • Uses of fill handle to copy formulae.	Demonstrate to create • number series using fill handle, • Copy formula by dragging the formula using fill handle.	2
NOVEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 4:Electronic Spreadsheet	Understand and apply Referencing, Concept of referencing, Relative referencing, Mixed referencing, Absolute referencing	Demonstrate to use Relative, Absolute & Mixed cell referencing in spreadsheet	2
2 <sup>nd</sup>	Unit 4:Electronic Spreadsheet	Create and insert different types of charts in a spreadsheet	Create different types of charts supported by a spreadsheet	2
3 <sup>rd</sup>	Unit 4 : Entrepreneurial Skills-I	Entrepreneurship, Role of Entrepreneurship, Qualities of a Successful Entrepreneur	Identify the characteristics of an entrepreneur., Explain the importance of entrepreneur and its role in country's and society's growth. Identify and describe the qualities of a successful entrepreneur.	2
4 <sup>th</sup>	Unit 4 : Entrepreneurial Skills-I	Entrepreneurship and Wage Employment, .Types of Business Activities - Product, Service and Hybrid Businesses, Entrepreneurship Development Process	Identify difference between product and service business activities. examples as product, service and hybrid businesses. Identify different steps of starting a business.	2
DECEMBER				
WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED

<b>1<sup>ST</sup></b>	Unit 5: Green Skills-I	Society and environment, Conserving Natural Resources	Presentation on SDGS goal with brief discussion	<b>2</b>
<b>2<sup>nd</sup></b>	Unit 5: Green Skills-I	Sustainable Development and Green Economy		<b>2</b>
<b>3<sup>rd</sup></b>	Unit 5: Digital Presentation	Concept of presentation, • Elements of presentation, • Characteristics of an effective presentation	Identify and list the elements of presentation	<b>2</b>
<b>4<sup>th</sup></b>	Unit 5: Digital Presentation	Create a presentation, Introduction to presentation software, • Opening a presentation software • Parts of presentation window	Start the presentation application • various components of main Impress window • Observe the different orkspace views. • Create a new presentation using wizard. • Run the presentation, • Save the presentation	<b>2</b>

**JANUARY**

<b>WEEK</b>	<b>CHAPTER</b>	<b>TOPIC</b>	<b>ACTIVITY</b>	<b>No. Of PERIODS REQUIRED</b>
<b>1<sup>ST</sup></b>	Unit 5: Digital Presentation	Work with slides , Inserting a duplicate slide, • Inserting new slides, • Slide layout, • Copying and moving slides	Demonstrate to insert a new slide and duplicate slide in a presentation, • Change the slide layout	<b>2</b>
<b>2<sup>nd</sup></b>	Unit 5: Digital Presentation	Format text and apply animations	Apply bullets and numbering to the list items in presentation. Apply Animation	<b>2</b>
<b>3<sup>rd</sup></b>	Unit 5: Digital Presentation	Create and use tables	Insert table in presentation, • Enter and edit data in a table, • Select a cell, row, column, table, • Adjust column width and row height	<b>2</b>
<b>4<sup>th</sup></b>	Unit 5: Digital Presentation	Insert and format image in presentation, Work with slide master	Demonstrate to insert an image from file, gallery in presentation	<b>2</b>

**FEBRUARY**

<b>WEEK</b>	<b>CHAPTER</b>	<b>TOPIC</b>	<b>ACTIVITY</b>	<b>No. Of PERIODS REQUIRED</b>
<b>1<sup>ST</sup></b>	<p align="center"><b>REVISION FOR ANNUAL EXAMINATION</b></p>			
<b>2<sup>nd</sup></b>				
<b>3<sup>rd</sup></b>				
<b>4<sup>th</sup></b>				

**MARCH**

<b>WEEK</b>	<b>CHAPTER</b>	<b>TOPIC</b>	<b>ACTIVITY</b>	<b>No. Of PERIODS REQUIRED</b>
<b>1<sup>ST</sup></b>		ANNUAL EXAM		
<b>2<sup>nd</sup></b>		ANNUAL EXAM		
<b>3<sup>rd</sup></b>				
<b>4<sup>th</sup></b>				
<b>WEEK</b>	<b>CHAPTER</b>	<b>TOPIC</b>	<b>ACTIVITY</b>	<b>No. Of PERIODS REQUIRED</b>
<b>1<sup>ST</sup></b>	summer vacation			<b>2</b>
<b>2<sup>nd</sup></b>	summer vacation			<b>2</b>
<b>3<sup>rd</sup></b>	Unit 2: Data Entry & Keyboarding Skills	Keyboarding Skills, Types of keys on keyboard, Positioning of fingers on the keyboard, Allocation of keys to fingers on four different rows,	Identify the keys and its use on the keyboard, Practice the correct typing ergonomics	<b>2</b>
<b>4<sup>th</sup></b>	Unit 2: Data Entry & Keyboarding Skills	ntroduction to Rapid Typing Tutor, Touch typing technique, Calculating typing speed	Practice to type text in typing tutor software and interpret the results	<b>2</b>

**JULY**

<b>WEEK</b>	<b>CHAPTER</b>	<b>TOPIC</b>	<b>ACTIVITY</b>	<b>No. Of PERIODS REQUIRED</b>
<b>1<sup>ST</sup></b>	Unit 3: Digital Documentation	Introduction to word processing, Creating a document, Parts of a Word Processor Window	List the available word processing applications, Introduce with the parts of the main window. Change document views.	<b>2</b>
<b>2<sup>nd</sup></b>	Unit 3: Digital Documentation	Apply Editing features, Apply formatting features	Use the options to select, cut, copy, paste, and move text. Demonstrate to format paragraphs – indent/align paragraphs, assign font colour, highlighting, and background colour	<b>2</b>
<b>3<sup>rd</sup></b>	Unit 3: Digital Documentation	Create and work with tables, Use Print Options	Create table, • Insert and delete rows and column in a table, • Split and merge tables, • Delete a table, Print the document with various options	<b>2</b>



4 <sup>th</sup>	Unit 3: Digital Documentation	Understand and apply mail merge	Create a main document, • Create the data source, • Enter data in the fields, • Merge the data source with main document	2
-----------------	-------------------------------	---------------------------------	--	---

**AUGUST**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 4:Electronic Spreadsheet	Introduction to spreadsheet application, Starting a spreadsheet • Parts of a spreadsheet • Worksheet – Rows and Columns, Cell and Cell Address, • Range of cells	Start the spreadsheet, • Identify the parts of Calc, • Identify the rows number, column number, cell address, • Define the range of cell	2
2 <sup>nd</sup>	Unit 3: ICT Skills-I	Introduction to ICT, Ict tools	Identify the importance of information and communication technology.	2
3 <sup>rd</sup>	Unit 3: ICT Skills-I	Parts of a computer, Peripherals	Demonstrate the knowledge of application of ICT in our daily life	2
4 <sup>th</sup>	Unit 3: ICT Skills-I	Basic of computer operations, communication and networking	Identify various parts of a mobile device and list their functions.	2

**SEPTEMBER**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	REVISION FOR MID TERM EXAMINATION & EXAM.			
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				

**OCTOBER**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 4:Electronic Spreadsheet	Apply formula and functions in spreadsheet, Commonly used basic functions in a spreadsheet – SUM, AVERAGE, MAX, MIN, Count	Demonstrate to enter formula in a cell, • Construct the formula using mathematical operators, • Identify formulae with cell addresses and operators,	2
2 <sup>nd</sup>	Unit 4:Electronic Spreadsheet	Format data in the spreadsheet,	Demonstrate to format range of cells with decimal places, • Demonstrate to format a range of cells to labels, • Demonstrate to format of a cell range as scientific, • Demonstrate to format a range of cells to display time, • Demonstrate to align cell data range,	2
3 <sup>rd</sup>	Unit 4:Electronic Spreadsheet	Formula, how to enter formula, • Mathematical perators used in formulae, • Simple calculations using values and operators, • Formulae with cell addresses and operators	Demonstrate to enter formula in a cell, • Construct the formula using athemactical operators, • Identify formulae with cell addresses and operators,	2
4 <sup>th</sup>	Unit 4:Electronic Spreadsheet	Speeding up data entry using the fill handle, • Uses of fill handle to copy formulae.	Demonstrate to create • number series using fill handle, • Copy formula by dragging the formula using fill handle.	2

**NOVEMBER**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 4:Electronic Spreadsheet	Understand and apply Referencing, Concept of referencing, Relative referencing, Mixed referencing, Absolute referencing	Demonstrate to use Relative, Absolute & Mixed cell referencing in spreadsheet	2
2 <sup>nd</sup>	Unit 4:Electronic Spreadsheet	Create and insert different types of charts in a spreadsheet	Create different types of charts supported by a spreadsheet	2
3 <sup>rd</sup>	Unit 4 : Entrepreneurial Skills-I	Entrepreneurship, Role of Entrepreneurship, Qualities of a Successful Entrepreneur	Identify the characteristics of an entrepreneur., Explain the importance of entrepreneur and its role in country's and society's growth. Identify and describe the qualities of a successful entrepreneur.	2
4 <sup>th</sup>	Unit 4 : Entrepreneurial Skills-I	Entrepreneurship and Wage Employment, .Types of Business Activities - Product, Service and Hybrid Businesses, Entrepreneurship Development Process	Identify difference between product and service business activities. examples as product, service and hybrid businesses. Identify different steps of starting a business.	2

**DECEMBER**

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 5: Green Skills-I	Society and environment, Conserving Natural Resources	Presentation on SDGS goal with brief discussion	2
2 <sup>nd</sup>	Unit 5: Green Skills-I	Sustainable Development and Green Economy		2
3 <sup>rd</sup>	Unit 5: Digital Presentation	Concept of presentation, • Elements of presentation, • Characteristics of an effective presentation	Identify and list the elements of presentation	2
4 <sup>th</sup>	Unit 5: Digital Presentation	Create a presentation, Introduction to presentation software, • Opening a presentation software • Parts of presentation window	Start the presentation application • various components of main Impress window • Observe the different orkspace views. • Create a new presentation using wizard. • Run the presentation, • Save the presentation	2

JANUARY

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	Unit 5: Digital Presentation	Work with slides , Inserting a duplicate slide, • Inserting new slides, • Slide layout, • Copying and moving slides	Demonstrate to insert a new slide and duplicate slide in a presentation, • Change the slide layout	2
2 <sup>nd</sup>	Unit 5: Digital Presentation	Format text and apply animations	Apply bullets and numbering to the list items in presentation. Apply Animation	2
3 <sup>rd</sup>	Unit 5: Digital Presentation	Create and use tables	Insert table in presentation, • Enter and edit data in a table, • Select a cell, row, column, table, • Adjust column width and row height	2
4 <sup>th</sup>	Unit 5: Digital Presentation	Insert and format image in presentation, Work with slide master	Demonstrate to insert an image from file, gallery in presentation	2

FEBRUARY

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>	REVISION FOR ANNUAL EXAMINATION			
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				

MARCH

WEEK	CHAPTER	TOPIC	ACTIVITY	No. Of PERIODS REQUIRED
1 <sup>ST</sup>		ANNUAL EXAM		
2 <sup>nd</sup>		ANNUAL EXAM		
3 <sup>rd</sup>				
4 <sup>th</sup>				