

ANNUAL
CURRICULUM
PLAN

CLASS X

(SESSION: 2019-20)

**(to be read with CBSE Curriculum available
on CBSE Website: cbseacademic.in)**

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL

ANNUAL CALENDAR (SESSION: 2019-20)

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
April 2019 (Working days = 23)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
	Session begins					
7	8	9	10	11	12	13
World Health Day					Baisakhi Celebrations	Holiday (Ram Navmi)
14	15	16	17	18	19	20
Baisakhi/ Dr. Ambedkar Jayanti			Holiday (Mahavir Jayanti)	World Heritage Day	Holiday (Good Friday)	
21	22	23	24	25	26	27
		World Book & Copyright Day		Inter House Solo Song & Dance (Sr.) Competition	Inter House Volleyball Match	
28	29	30				
		Parent Teacher Meeting				

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
May 2019 (Working days = 12+13)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
			Intl. Labour Day		Commencement of Periodic Test 1	
5	6	7	8	9	10	11
		Rabindranath Tagore's B'Day	World Red Cross Day	Culmination of Periodic Test 1		Holiday for students on account of 2 nd Saturday
12	13	14	15	16	17	18
Mother's Day			International Day of the Family	* Commencement of Summer Break for Class LKG - VIII / Extra Class for IX - XII		Holiday (Buddha Purnima)
19	20	21	22	23	24	25
CAREER WEEK						
26	27	28	29	30	31	*
					Anti Tobacco Day	* subject to change as per Govt. Instructions

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
June 2019 (Working days = 01)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
	Commencement of Summer Break for Class IX - XII		Holiday (Id-Ul-Fitr) World Environment Day			
9	10	11	12	13	14	15
16	17	18	19	20	21	22
					International Day of Yoga	
23	24	25	26	27	28	29
30						

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
July 2019 (Working days = 26)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
	The school will open after Summer Vacation Commencement of Van Mahotsav Week					
7	8	9	10	11	12	13
				World Population Day		Holiday for students on account of 2 nd Saturday
14	15	16	17	18	19	20
					Inter House Solo Song (Jr.) Competition	Inter House Yoga Competition
21	22	23	24	25	26	27
				Inter House Solo Dance (Jr.) Competition	Inter House kho-kho competition	
28	29	30	31			
	Investiture Ceremony		Parent Teacher Meeting			
				Kargil Victory Day	World Nature Conservation Day	

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL

ANNUAL CALENDAR (SESSION: 2019-20)

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
August 2019 (Working days = 22)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3 Holiday (Teej)
4	5	6	7	8	9	10 Holiday for students on account of 2 nd Saturday
		Independence Celebrations Week		Inter House Basketball Match		
11	12 Holiday (Id-UL-Zuha)	Independence Celebrations Week Commencement of Sanskrit Week		15 Holiday (Independence Day & Rakshabandhan)	16	17
18	19	20	21 World Senior Citizens' Day	22	23	24 Holiday (Janmashtami)
25	26	27 Inter House Solo Song (Sr.) Competition	28 Inter House Solo Dance (Sr.) Competition	29 National Sports Day	30 Inter House Taekwondo Competition	31 Parent Teacher Meeting

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
September 2019 (Working days = 23)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5 Teachers' Day Celebrations	6	7
8	9 Commencement of Half Yearly Exam.	10 Holiday (Muharram)	11	12	13	14 Holiday for students on account of 2 nd Saturday
15	16	17 Culmination of Half Yearly Exam.	18	19	20	21
22	23	24	25	26	27 Inter House Badminton Match	28 World Tourism Day
29 World Deaf Day	30 Parent Teacher Meeting					

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
October 2019 (Working days = 20)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 International Day for the Elderly	2 Holiday (Gandhi Jayanti)	3	4 World Animal Welfare Day	5
6	7 Holiday (MahaNavami)	8 Holiday (Dussehra)	9 World Post Day	10 National Post Day World Sight Day	11 Intl. Day of the Girl Child	12 Holiday for students on account of 2 nd Saturday
13	14	15	16 World Food Day	17 Holiday (Karva Chauth)	18	19 Inter House Football Match
20	21	22	23	24 United Nations Day World Devp. Information Day	25	26
27 Diwali	28 Holiday (Govardhan Pooja)	29 Holiday (Bhai Dooj)	30	31		

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
November 2019 (Working days = 23)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Holiday (Haryana Day)	2
3	4	5 World Tsunami Awareness Day	6	7	8	9 Holiday for students on account of 2 nd Saturday
10 Id-E-Milad	11	12 Holiday (Guru Nanak Devji's Birthday)	13	14 Children's Day Celebrations Diabetes Day	15	16
17	18	19	20	21	Inter House Chess Competition	
24	25	26 Constitution Day (National Law Day)	27	28	29 Inter House Group Song Competition	30 Parent Teacher Meeting

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL

ANNUAL CALENDAR (SESSION: 2019-20)

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
December 2019 (Working days = 22)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 World Day of the Handicapped	4 Indian Navy Day	5	6	7 Indian Armed Forces Flag Day
8	9 Commencement of Periodic Test 2 / Pre-Board Exam.	10 Human Rights Day	11	12	13	14 Holiday for students on account of 2 nd Saturday
15	16	17 Culmination of Periodic Test 2 / Pre-Board Exam.	18	19	20	21 Inter House Group Dance Competition
22 National Mathematics Day	23 Farmer's Day (Kisan Diwas)	24 Christmas Celebrations	25 Holiday (Christmas) Good Governance Day	26 Annual Sports Meet		28 Parent Teacher Meeting
29	30 *Commencement of Winter Break	31	* subject to change as per Govt. instructions			

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
January 2020 (Working days = 21)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4 *Culmination of Winter Break
5	6	7	8	9	10	11 Holiday for students on account of 2 nd Saturday
12 Swami Vivekananda's Birth Day	13	14	15 Holiday (Makar Sankranti)	16 Commencement of Pre-Board Exam. of Class XII	17	18
19	20	21	22	23	24 Culmination of Pre-Board Exam. of Class XII	25 Republic Day Celebrations Farewell to Class XII
26 Republic Day	27	28	29	30 Martyrs' Day	31 Parent Teacher Meeting	* subject to change as per Govt. instructions

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
February 2020 (Working days = 23)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 Commencement of Board Practicals of Class XII
2	3 Commencement of Annual Exam. of class IX & XI	4	5	6	7	8 Holiday for students on account of 2 nd Saturday
9	10	11	12	13	14 Culmination of Annual Exam. of class IX	15
16	17	18	19	20 Culmination of Annual Exam. of class XI	21 Holiday (Mahashivratri)	22
24	24	25	26	27	28 National Science Day	29 Parent Teacher Meeting

GOLAYA PROGRESSIVE PUBLIC SCHOOL, PALWAL						
ACADEMIC CALENDAR 2019-20						
March 2020 (Working days = 10)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5 Commencement of Annual Examination for Class I - VIII	6	7
8 International Women's Day	9	10 Holiday (Holi)	11	12	13	14 Holiday for students on account of 2 nd Saturday
15	16	17	18 Culmination of Annual Examination	19	20	21
22 World Day for Water	23	24	25	26	27 Result Declaration	28
29	30	31				

TEST SCHEDULE

Periodic Test 1	Subject
01.05.2019 (Wednesday)	Computer
10.05.2019 (Friday)	Mathematics
13.05.2019 (Monday)	Hindi
14.05.2019 (Tuesday)	Social Science
16.05.2019 (Thursday)	Science
17.05.2019 (Friday)	English

Half Yearly Exam.	Subject
06.09.2019 (Friday)	Computer
09.09.2019 (Monday)	Science
11.09.2019 (Wednesday)	English
13.09.2019 (Friday)	Mathematics
16.09.2019 (Monday)	Social Science
17.09.2019 (Tuesday)	Hindi

Pre-Board Examination	Subject
06.12.2019 (Friday)	Computer
09.12.2019 (Monday)	Social Science
10.12.2019 (Tuesday)	Hindi
12.12.2019 (Thursday)	Mathematics
13.12.2019 (Friday)	English
16.12.2019 (Monday)	Science

Proposed Assessment Procedure by CBSE for the Academic Session 2019-20 (Class X)

1. Scholastic Area:

		Total 100 marks			
		(Syllabus for assessment will be only Class – X)			
Subjects	80 marks (Board Examination) Student has to score 33% marks out of 80 marks in each subject	20 marks (Internal Assessment) Student has to score 33% marks out of overall 20 marks earmarked in each subject			
		Pen Paper Test (Weightage: 5%)	Multiple Assessment (Weightage: 5 marks)	Portfolio (5 marks)	Subject Enrichment Activity (5 marks)
		(i)	(ii)	(iii)	(iv)
Language 1	Board will conduct Class–X Examination for 80 marks in each subject covering 100% syllabus of the subject of Class – X only. <ul style="list-style-type: none"> • 20 marks for Objective type including Multiple Choice Questions • 60 marks for subjective questions 	Periodic written test, restricted to three in each subject in an Academic Year. Average of the best two tests to be taken for final marks submission	This will include quizzes, oral test, concept map, exit cards, visual expression etc.	This will cover: Classwork plus peer assessment, self -assessment, achievements of student in the subject, reflections, narrations, journals, etc	Speaking & Listening Skills
Language 2					Speaking & Listening Skills
Mathematics					Maths Lab Practical
Science					Practical Work
Social Science					Project Work

Grading Scale for Scholastic Areas:

Marks Range	Grade
91 – 100	A1
81 – 90	A2
71 – 80	B1
61 – 70	B2
51 – 60	C1
41 – 50	C2
33 – 40	D
32 & below	E (Fail)

2. Co-Scholastic Activities:

For the holistic development of the students, co-curricular activities in the following areas will be graded on a 5-point grading scale (A-E). The aspect of regularity, sincere participation, output and team work will be the generic criteria for grading in the following co-scholastic activities.

Activity	To be graded on a 5-point scale (A-E)
Work Education	By the concerned teacher
Art Education	By the concerned teacher
Health and Physical Education (Sports / Martial Arts / Yoga / NCC etc.)	By the PE Teacher

3. Discipline (Attendance, Sincerity, Behaviour, Values):

The students will also be assessed for the discipline which will be based on the factors like attendance, sincerity, behaviour, values, tidiness, respectfulness for rules and regulations, attitude towards society, nation and others. Grading on Discipline will be done term-wise on a 5-point grading scale (A-E).

Suggested Subject Enrichment Activities

English

Poem Recitation, English Song Singing, Story Narration, Mock Radio Show Hosting, Just a minute speech, Prepared Speech, Role Play, Dramatization, Quiz, Mock Interview, Creative Writing (can be based on CBSE Expression Series), Listening Activity, Comprehension Activity, Show and Tell Activity, Commentary, Reporting of event, Morning Assembly Talk, Speech, Anchoring\ Hosting for a school event, School Newsletter Designing, Explanation in Exhibition

हिंदी

संवाद लेखन व वाचन, कविता पठन, जीवनी लेखन, साक्षात्कार, पुस्तक समीक्षा, कहानी लेखन,समूह चर्चा, दृश्य वर्णन, वाद-विवाद प्रतियोगिता, पात्र अभिनय, आशुभाषण, भाषण-प्रतियोगिता, पुस्तक-पठन, सामाचार पठन, डायरी लेखन

Mathematics

Lab Activity, Hands on Activities, Projects, 3D Lab visits

Science

Lab activity, Hands on Activity, Field trips, Research based Initiatives, 3D Lab visits, New terms, Diagrams, HD video etc

Social Science

Mapwork, Key Terms, Video, Project, Assignment, Educational trip, Flowchart, Role Play, Quiz, Debate, Case study, Survey and Group Discussion

Curriculum Plan of English Language and Literature (Session 2019-20)

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
April First Flight <ul style="list-style-type: none"> • Lesson-1 A Letter to God • Lesson -2 Nelson Mandela Long Walk to Freedom • Lesson 3 Two Stories about Flying • Lesson 4 Diary of Anne Frank • Poem-1 Dust of Snow • Poem 2 Fire and Ice • Poem 3 A Tiger in the Zoo • Poem 4 How to Tell Wild Animals • Poem 5 The Ball Poem Supplementary Reader <ul style="list-style-type: none"> • Lesson 1 A Triumph of Surgery • Lesson 2 The Thief's Story 	<ul style="list-style-type: none"> • Understanding the Genre <ul style="list-style-type: none"> ○ Fiction ○ Autobiography ○ Parable ○ Mystery • Central Idea • A/V Inputs (on the theme of literature lessons and poems) 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Literature lessons and Poems • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Listening Skills <ul style="list-style-type: none"> ○ Dictation, Shared Reading, Oral Comprehension Check, A/V Inputs • Reading Skills <ul style="list-style-type: none"> ○ Reading for appreciation of poems, Poem Recitation, Reading for pleasure, Extended reading, Silent Reading, Scanning • Speaking Skills <ul style="list-style-type: none"> ○ Sharing a personal Experience, Poem recitation, PPT presentation • Writing Skills <ul style="list-style-type: none"> ○ Article 	<ul style="list-style-type: none"> • Inter-disciplinary Linkage <ul style="list-style-type: none"> ○ Countries where Peso is used as a unit of currency ○ History of The Treatment of the Jews in Nazi Germany ○ History of Apartheid in South Africa • Core Life Skills <ul style="list-style-type: none"> ○ Empathy, Coping with Stress and Emotions, Problem Solving, Self-awareness, Decision making • Core Value Concerns <ul style="list-style-type: none"> ○ Self confidence, Motivation, Social responsibility, Joy of Giving
May First Flight <ul style="list-style-type: none"> • Lesson 5 The Hundred Dresses - I • Lesson 6 The Hundred Dresses - II • Poem 6 Amanda Supplementary Reader <ul style="list-style-type: none"> • Lesson 3 The Midnight Visitor 	<ul style="list-style-type: none"> • Understanding the Genre <ul style="list-style-type: none"> ○ Realistic Fiction ○ Fantasy • Central idea • A/V Inputs (on the theme of literature lessons and poem) 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Literature lessons and Poems 	<p style="text-align: center;">Periodic Test - 1</p> <ul style="list-style-type: none"> • Listening Skills <ul style="list-style-type: none"> ○ Dictation, Shared Reading, Oral Comprehension Check, A/V Inputs • Reading Skills <ul style="list-style-type: none"> ○ Reading for appreciation of poems, Poem Recitation, Reading for pleasure, Extended reading, Silent Reading, Scanning 	<ul style="list-style-type: none"> • Inter-disciplinary Linkage <ul style="list-style-type: none"> ○ History of Polish- American Community in the USA • Core Life Skills <ul style="list-style-type: none"> ○ Self-awareness, Empathy, Inter-personal relationship, Coping with stress and emotions, Problem solving

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
		<ul style="list-style-type: none"> • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Speaking Skills <ul style="list-style-type: none"> ○ PPt. Presentation, Speech • Writing Skills <ul style="list-style-type: none"> ○ Paragraph, Article 	<ul style="list-style-type: none"> • Core Value Concerns <ul style="list-style-type: none"> ○ Respect, Courtesy, Self confidence, Self-regulation of feelings and emotions to face challenges of life, Decision making, Problem solving
July First Flight <ul style="list-style-type: none"> • Lesson 7 Glimpses of India <ul style="list-style-type: none"> I. A Baker from Goa II. Coorg III. Tea from Assam • Poem – 7 Animals Supplementary Reader <ul style="list-style-type: none"> • Lesson 4 A Question of Trust • Lesson 5 Footprints without Feet 	<ul style="list-style-type: none"> • Understanding the Genre <ul style="list-style-type: none"> ○ Satire ○ Non fiction • Central Idea • A/V Inputs (on the theme of literature lessons and poem) 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Literature lessons and Poem • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Listening Skills <ul style="list-style-type: none"> ○ Dictation, Shared Reading, Oral Comprehension Check, A/V Inputs • Reading Skills <ul style="list-style-type: none"> ○ Reading for appreciation of poems, Poem Recitation, Reading for detail, Reading for pleasure, Extended reading, Silent Reading, Scanning • Speaking Skills <ul style="list-style-type: none"> ○ Group Discussion, Role play • Writing Skills <ul style="list-style-type: none"> ○ Story 	<ul style="list-style-type: none"> • Inter-disciplinary Linkage <ul style="list-style-type: none"> ○ Geographical location of Goa, Assam, Coorg ○ Organisations working for Animal Welfare – PETA, WTI, SPCA • Core Life Skills <ul style="list-style-type: none"> ○ Self – awareness, Critical and Creative thinking • Core Values Concern- <ul style="list-style-type: none"> ○ Responsibility towards one’s work, Appreciation for beauty and Aesthetics
August First Flight <ul style="list-style-type: none"> • Lesson 8 Mijbil the Otter • Poem- 8 The Trees Supplementary Reader <ul style="list-style-type: none"> • Lesson 6 The Making of a Scientist • Lesson 7 The Necklace 	<ul style="list-style-type: none"> • Understanding the Genre <ul style="list-style-type: none"> ○ Fiction ○ Symbolic Poem • Central Idea • A/V Inputs (on the theme of literature lessons and poem) 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Literature lessons and Poem • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Listening Skills <ul style="list-style-type: none"> ○ Dictation, Shared Reading, Oral Comprehension Check, A/V Inputs • Reading Skills <ul style="list-style-type: none"> ○ Reading for appreciation of poems, Poem Recitation, Reading for detail, Reading for pleasure, Extended reading, Silent Reading, Scanning • Speaking Skills <ul style="list-style-type: none"> ○ Poem recitation, Debate • Writing Skills <ul style="list-style-type: none"> ○ Formal Letter 	<ul style="list-style-type: none"> • Inter-disciplinary Linkage <ul style="list-style-type: none"> ○ Geographical and Climatic differences between London and Iran ○ Scientific significance of Trees • Core Life Skills <ul style="list-style-type: none"> ○ Empathy, Decision making • Core Values Concern <ul style="list-style-type: none"> ○ Love, Care and Compassion, Interpersonal relationship, Curiosity and receptivity to new ideas

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
September First Flight <ul style="list-style-type: none"> Poem 9 Fog Supplementary Reader <ul style="list-style-type: none"> Lesson 8 The Hack Driver 	Half Yearly Examination			
	<ul style="list-style-type: none"> Understanding the Genre <ul style="list-style-type: none"> Mystery Central Idea A/V Inputs (on the theme of the literature lesson and poem) 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Literature lesson and poem Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> Listening Skills <ul style="list-style-type: none"> Dictation, Oral Comprehension Check, A/V Inputs Reading Skills <ul style="list-style-type: none"> Reading for appreciation of poems, Reading for pleasure, Extended reading, Silent Reading, Scanning Speaking Skills <ul style="list-style-type: none"> Poem recitation Writing Skills <ul style="list-style-type: none"> Article 	<ul style="list-style-type: none"> Inter-disciplinary Linkage <ul style="list-style-type: none"> Fog- how does it form Difference between Fog and Mist Core Life skills <ul style="list-style-type: none"> Creative thinking Core Values Concern <ul style="list-style-type: none"> Sense of awe and wonder, Self-awareness, Social responsibility
October First Flight <ul style="list-style-type: none"> Lesson 9 Madam Rides the Bus Poem10 The Tale of Custard the Dragon Supplementary Reader <ul style="list-style-type: none"> Lesson 9 Bholi 	<ul style="list-style-type: none"> Understanding the Genre <ul style="list-style-type: none"> Fiction Whimsical Fantasy Central Idea A/V Inputs (on the theme of literature lessons and poem) 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Literature lessons and Poem Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> Listening Skills <ul style="list-style-type: none"> Dictation, Shared Reading, Oral Comprehension Check, A/V Inputs Reading Skills <ul style="list-style-type: none"> Reading for appreciation of poems, Poem Recitation, Reading for pleasure, Extended reading, Silent Reading, Scanning Speaking Skills <ul style="list-style-type: none"> Speech Writing Skills <ul style="list-style-type: none"> Formal Letter 	<ul style="list-style-type: none"> Inter-disciplinary Linkage <ul style="list-style-type: none"> Imagination and Innocence – A Child’s Perspective on Life Core Life skills <ul style="list-style-type: none"> Inter personal relationship Core Values Concern <ul style="list-style-type: none"> Self confidence, Humility and Politeness, Self-awareness
November First Flight <ul style="list-style-type: none"> Lesson 10 The Sermon at Benaras Lesson 11 The Proposal Poem 11 For Anne Gregory Supplementary Reader <ul style="list-style-type: none"> Lesson 10 The Book That Saved 	<ul style="list-style-type: none"> Understanding the Genre- <ul style="list-style-type: none"> Historical Fiction One-act Play Folklore and Mythology Central Idea 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Literature lessons and Poem Discussion of Scoring Points/ Marking 	<ul style="list-style-type: none"> Listening Skills <ul style="list-style-type: none"> Dictation, Shared Reading, Oral Comprehension Check, A/V Inputs Reading Skills <ul style="list-style-type: none"> Reading for appreciation of poems, Poem Recitation, Reading for detail, Reading for pleasure, 	<ul style="list-style-type: none"> Inter-disciplinary Linkage <ul style="list-style-type: none"> History of Buddhism Cultural differences between India and Russia Core Life Skills <ul style="list-style-type: none"> Empathy

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
the Earth	<ul style="list-style-type: none"> • A/V Inputs- (on the theme of literature lessons and poem) 	Scheme/ Sample Questions	Extended reading, Silent Reading, Scanning <ul style="list-style-type: none"> • Speaking Skills <ul style="list-style-type: none"> ○ Group Discussion, Talk Time • Writing Skills <ul style="list-style-type: none"> ○ Article, Story 	<ul style="list-style-type: none"> • Core Values Concern <ul style="list-style-type: none"> ○ Love, Care and Compassion, interpersonal relationship, Critical and creative thinking
December	Pre Board Examination			
January	Revision			
February	Revision			
March	Board Examination			

हिंदी 'अ' पाठ्यक्रम विभाजन
(सत्र 2019-2020)

महीना/ विषयवस्तु	विषय /ऑडियो /वीडियो	असाइनमेंट / परिचर्चा	सुनना, बोलना, पढना और लिखना	जीवन कौशल / अंतर्विषयी कार्य
<p>अप्रैल / कालांश =25</p> <p>क्षितिज भाग-2 (गद्य)</p> <ul style="list-style-type: none"> पाठ 10 -नेता जी का चश्मा पाठ-11 बालगोबिन भगत <p>क्षितिज भाग-2 (पद्य)</p> <ul style="list-style-type: none"> पाठ-1 पद (सूरदास) पाठ 2-राम लक्ष्मण परशुराम संवाद <p>कृतिका भाग-2</p> <ul style="list-style-type: none"> पाठ 1-माता का अंचल <p>हिंदी व्याकरण</p> <ul style="list-style-type: none"> पाठ -1 रचना के आधार पर वाक्य पत्र -औपचारिक पत्र (अवकाश, आवेदक के लिए) निबंध- त्योहार, शिक्षा सम्बंधित 	<ul style="list-style-type: none"> 'सुभाषचंद्र बोस का जीवन परिचय' वीडियो राम लक्ष्मण परशुराम संवाद वीडियो 	<ul style="list-style-type: none"> क्षितिज पाठ 1, 2, 10, 11 कृतिका 1, व्याकरण 1 पर आधारित अभिहस्तांकन (असाइनमेंट) अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> सुनना- आदर्शवाचन, कविता पाठ (अर्थ ग्रहण, अभिव्यक्ति के ढंग को पहचानना) बोलना- परिचर्चा, चौपाई वाचन पढना- अनुकरण वाचन, पाठ पठन, कविता पठन (लय, तुक, यति, गति, कविता का मर्म, बलाघात से परिचित होना) लिखना- मेरी माँ (कविता लेखन), डायरी लेखन, पत्र लेखन, निबंध लेखन (विराम चिह्नों का ज्ञान, शुद्ध लेखन) 	<p>गद्य भाग, पद्य भाग, कृतिका</p> <ul style="list-style-type: none"> चौराहे पर मूर्ति लगाना उचित है या नहीं, देशभक्ति दर्शाने हेतु हम क्या क्या कर सकते हैं, दादाजी का चश्मा (परिचर्चा) शिक्षा सहित चौपाई वाचन (कंठस्थ) पाठ-1 कविता लेखन, डायरी लेखन <p>जीवन कौशल</p> <p>सहनशीलता, समस्या को सुलझाना, विश्लेषणात्मक सोच, समानुभूति, भावनात्मक समझ, रचनात्मक सोच, निर्णय शक्ति भावनाओं पर नियंत्रण </p>

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मई / कालांश- 22 क्षितिज (गद्य) <ul style="list-style-type: none"> पाठ 12- लखनवी अंदाज पाठ13-मानवीय करुणा की दिव्य चमक क्षितिज (पद्य) <ul style="list-style-type: none"> पाठ 3- देव (सवैये) (केवल पठन हेतु) कृतिका <ul style="list-style-type: none"> पाठ -2-जार्ज पंचम की नाक व्याकरण : <ul style="list-style-type: none"> पाठ-2 वाच्य पत्र- औपचारिक पत्र (निमंत्रण पत्र) निबंध- देश व संस्कृति तथा राष्ट्रीय एवं सामाजिक समस्याएं विज्ञापन -व्यक्ति, वस्तु संबंधी अपठित गद्यांश 	आवधिक परीक्षा -1			
	<ul style="list-style-type: none"> 'मानवीय करुणा की दिव्य चमक' पाठ पर आधारित वीडियो देशभक्ति पर आधारित वीर रस पर आधारित गीत (ऑडियो) 	<ul style="list-style-type: none"> क्षितिज पाठ 12, 13 कृतिका-2 व्याकरण-2 पर आधारित अभिहस्तांकन (असाइनमेंट) अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> सुनना- आदर्शवाचन बोलना- भाषण, आशुभाषण, संवाद पढ़ना- पाठ पठन, अपठित गद्यांश को पढ़कर उत्तर खोजना लिखना- विज्ञापन लेखन, पत्र लेखन, निबंध लेखन, 	गद्य भाग, पद्य भाग, कृतिका <ul style="list-style-type: none"> दो विद्यार्थियों में संवाद मेरा देश महान (भाषण) आशुभाषण जीवन कौशल <p>आत्म जागरूकता, समस्या को सुलझाना, विश्लेषणात्मक सोच, प्रभावी संप्रेषण, भावनात्मक समझ, रचनात्मक सोच, तनाव का सामना, भावनाओं पर नियंत्रण </p>
जुलाई / कालांश-25 क्षितिज (गद्य) <ul style="list-style-type: none"> पाठ-14- एक कहानी यह भी क्षितिज (पद्य) <ul style="list-style-type: none"> पाठ -4 जयशंकर प्रसाद- आत्मकथ्य (केवल पठन के लिए) पाठ-5 सूर्यकान्त- उत्साह, अट नहीं रही है 		<ul style="list-style-type: none"> क्षितिज पाठ 5, 14 व्याकरण-3 पर आधारित अभिहस्तांकन (असाइनमेंट) अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> सुनना- आदर्श वाचन, (आरोह अवरोह, बलाघात, अर्थग्रहण) बोलना- भाषण पढ़ना- पाठ पठन, कविता वाचन 	गद्य भाग, पद्य भाग, कृतिका <ul style="list-style-type: none"> 'नारी शिक्षा' विषय पर भाषण जीवन कौशल <p>सहनशीलता, समस्या को सुलझाना, विश्लेषणात्मक सोच, समानुभूति, भावनात्मक समझ, रचनात्मक सोच, निर्णय शक्ति </p>

महीना/ विषयवस्तु	विषय/ ऑडियो/ वीडियो	असाइनमेंट / परिचर्चा	सुनना, बोलना, पढ़ना और लिखना	जीवन कौशल / अंतर्विषयी कार्य
व्याकरण <ul style="list-style-type: none"> पाठ -3- पद-परिचय पत्र- अनौपचारिक पत्र (बधाई पत्र) निबंध- वैचारिक अपठित काव्यांश 			<ul style="list-style-type: none"> लिखना- पत्र लेखन, निबंध लेखन । 	
अगस्त / कालांश -25 क्षितिज (गद्य) <ul style="list-style-type: none"> पाठ 15- स्त्री शिक्षा के कुतर्कों का खंडन (केवल पठन हेतु) क्षितिज (पद्य) <ul style="list-style-type: none"> पाठ 6-नागार्जुन-यह दंतुरित मुस्कान व्याकरण <ul style="list-style-type: none"> पाठ 4-रस पत्र- औपचारिक पत्र (शिकायती व सुझाव पत्र) निबंध- पर्यटक व दार्शनिक स्थल विज्ञापन - जागरूकता हेतु अपठित काव्यांश 		<ul style="list-style-type: none"> क्षितिज पाठ 6 व्याकरण-4 पर आधारित अभिहस्तांकन (असाइनमेंट) अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> सुनना- आदर्शवाचन, वार्तालाप (अर्थग्रहण आरोह-अवरोह) बोलना- संवाद वाचन, नाट्यमंचन पढ़ना- पाठ पठन (परिच्छेद), अनुकरण वाचन (शब्द उच्चारण, आरोह, अवरोह का ज्ञान) लिखना- चरित्र चित्रण, स्वरचित कहानी लेखन (व्याकरण के नियमों का ज्ञान) पत्र लेखन, निबंध लेखन । 	गद्य भाग, पद्य भाग, कृतिका <ul style="list-style-type: none"> नारी सशक्तिकरण (नाट्य मंचन) शिक्षा सहित चोपाई वाचन (कंठस्थ) जीवन कौशल आत्मजागरूकता, तनाव का सामना, सहनशीलता, समस्या को सुलझाना, विश्लेषणात्मक सोच, समानुभूति, भावनात्मक समझ, रचनात्मक सोच, निर्णय शक्ति ।
सितम्बर कालांश 15 क्षितिज (गद्य) <ul style="list-style-type: none"> पाठ 16 नौबत खाने में इबादत पत्र- अनौपचारिक पत्र (धन्यवाद पत्र) 	<ul style="list-style-type: none"> बिस्मिल्लाह खान का अंतिम साक्षात्कार वीडियो 	<ul style="list-style-type: none"> क्षितिज पाठ 5, 14 व्याकरण-3 पर आधारित अभिहस्तांकन 	अर्धवार्षिक परीक्षा <ul style="list-style-type: none"> सुनना- आदर्शवाचन । बोलना- साक्षात्कार पढ़ना- पाठ पठन । 	गद्य भाग, पद्य भाग, कृतिका <ul style="list-style-type: none"> साक्षात्कार । जीवन कौशल समस्या को सुलझाना,

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<ul style="list-style-type: none"> निबंध- पर्यटक व दार्शनिक स्थल विज्ञापन 		(असाइनमेंट) <ul style="list-style-type: none"> अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> लिखना-संवाद लेखन, पत्र लेखन, निबंध लेखन 	विश्लेषणात्मक सोच, भावनात्मक समझ, निर्णय शक्ति
अक्टूबर / कालांश 22 क्षितिज (गद्य)) <ul style="list-style-type: none"> पाठ 17 -संस्कृति (केवल पठन हेतु) क्षितिज (पद्य) <ul style="list-style-type: none"> पाठ 7- गिरिजाकुमार माथुर छाया मत छूना कृतिका <ul style="list-style-type: none"> पाठ -3-साना-साना हाथ जोड़ी पाठ 4-एही ठैया झुलनी हेरानी हो रामा (केवल पठन हेतु) पत्र- अनौपचारिक पत्र (संवेदना पत्र) निबंध- आँखों देखा वर्णन विज्ञापन अपठित गद्यांश अपठित काव्यांश 	<ul style="list-style-type: none"> सिक्किम का इतिहास वीडियो 	<ul style="list-style-type: none"> क्षितिज पाठ 7 कृतिका-3 व्याकरण-3 पर आधारित अभिहस्तांकन (असाइनमेंट) अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> सुनना- आदर्शवाचन, बोलना- परिचर्चा, वाद विवाद पढ़ना- पाठ पठन लिखना- यात्रावृत्तांत, पत्र लेखन, निबंध लेखन 	गद्य भाग <ul style="list-style-type: none"> विज्ञान एक वरदान या अभिशाप विषय पर वादविवाद जीवन कौशल आत्म जागरूकता, समस्या को सुलझाना, विश्लेषणात्मक सोच, प्रभावी संप्रेषण, भावनात्मक समझ, रचनात्मक सोच, तनाव का सामना, भावनाओं पर नियंत्रण
नवम्बर क्षितिज (पद्य) <ul style="list-style-type: none"> पाठ 8- ऋतुराज-कन्यादान पाठ 9- मंगलेश डबराल- संगतकार 		<ul style="list-style-type: none"> क्षितिज पाठ 8,9 व्याकरण-3 पर आधारित अभिहस्तांकन (असाइनमेंट) 	<ul style="list-style-type: none"> सुनना- आदर्शवाचन, कविता सस्वरवाचन बोलना- परिचर्चा, भाषण, सरलार्थ सहित कविता पठन 	गद्य भाग, पद्य भाग, कृतिका <ul style="list-style-type: none"> दहेज प्रथा, बालविवाह विषय पर भाषण

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कृतिका <ul style="list-style-type: none"> पाठ 5-में क्यों लिखता हूँ (केवल पठन हेतु) पत्र- अनौपचारिक पत्र (शुभकामना पर आधारित) निबंध- सूक्तियाँ विज्ञापन लेखन अपठित गद्यांश अपठित काव्यांश 		<ul style="list-style-type: none"> अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> पढना- पाठ पठन, कविता पठन लिखना- पत्र लेखन, निबंध लेखन 	जीवन कौशल सहनशीलता, समस्या को सुलझाना, विश्लेषणात्मक सोच, समानुभूति, भावनात्मक समझ, रचनात्मक सोच, निर्णय शक्ति
दिसम्बर	प्री-बोर्ड परीक्षा			
जनवरी	पुनरावृत्ति (आदर्श प्रश्न-पत्र)			
फरवरी	पुनरावृत्ति (आदर्श प्रश्न-पत्र)			
मार्च	वार्षिक परीक्षा			

Mathematics Curriculum Plan (Session: 2019-2020)

Month Topic	Sub Topic	Concept/ Mathematics Activities	Discussion	Assignment
April Topic: Real Numbers No. of Periods: 15	<ul style="list-style-type: none"> • Euclid's division lemma • Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples • Proofs of irrationality of $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$. • Decimal representation of rational numbers in terms of terminating/non-terminating recurring decimals. 	---	Discussion of Scoring Points/ Marking Scheme/Sample Questions	Assignment on Real Numbers
Topic: Polynomials No. of Periods: 07	<ul style="list-style-type: none"> • Zeroes of a polynomial. • Relationship between zeroes and coefficients of quadratic polynomials. • Statement and simple Problems on division algorithm for polynomials with real coefficients. 	---		Assignment on Polynomials
Topic: Pair of Linear Equations in Two Variables No. of Periods: 15	<ul style="list-style-type: none"> • Pair of linear equations in two variables and Graphical method of their solution, consistency/inconsistency. • Algebraic conditions for number of solutions. • Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination and by cross multiplication method. • Simple situational problems. • Simple problems on equations reducible to a pair of linear equations. 	Lab Activity: To obtain the conditions for consistency of a system of linear equations in two variables by graphical method.		Assignment on Pair of Linear Equations in Two Variables
May	Periodic Test – 1			

Month Topic	Sub Topic	Concept/ Mathematics Activities	Discussion	Assignment
May Topic: Quadratic Equations No. of Periods: 15	<ul style="list-style-type: none"> • Standard form of a quadratic equation $ax^2 + bx + c = 0$, ($a \neq 0$). • Solutions of quadratic equations (only real roots) by factorization and by using quadratic formula. • Relationship between discriminant and nature of roots. • Situational problems based on quadratic equations related to day to day activities to be incorporated. 		Discussion of Scoring Points/ Marking Scheme/Sample Questions	Assignment on Quadratic Equations
Topic: Arithmetic Progressions No. of Periods: 8	<ul style="list-style-type: none"> • Motivation for studying Arithmetic Progression • Derivation of the nth term and sum of the first n terms of A.P. • Its application in solving daily life problems. 	Lab Activity: 1. To verify that the given sequence is an arithmetic progression. 2. To verify that the sum of first n natural number is $n(n+1)/2$.		Assignment on Arithmetic Progressions
Topic: Coordinate Geometry No. of Periods: 14	<ul style="list-style-type: none"> • LINES (In two-dimensions) • Review: Concepts of coordinate geometry • Graphs of linear equations. • Distance formula • Section formula (internal division). • Area of a triangle. 			Assignment on Coordinate Geometry
July Topic: Trigonometry No. of Periods: 15	<ul style="list-style-type: none"> • Introduction to Trigonometry • Trigonometric ratios of an acute angle of a right-angled triangle. • Proof of their existence (well defined); motivate the ratios whichever are defined at 0° and 90°. • Values of the trigonometric ratios of 30°, 45° and 60°. • Relationships between the ratios. 			Assignment on Trigonometry

Month Topic	Sub Topic	Concept/ Mathematics Activities	Discussion	Assignment
	TRIGONOMETRIC IDENTITIES <ul style="list-style-type: none"> • Proof and applications of the identity $\sin^2 A + \cos^2 A = 1$. Only simple identities to be given. • Trigonometric ratios of Complementary angles. 		Discussion of Scoring Points/ Marking Scheme/ Sample Questions	
Topic: Heights and Distances No. of Periods: 8	<ul style="list-style-type: none"> • Simple problems on heights and distances. (Problems should not involve more than two right triangles) • Angles of elevation/depression should be only 30°, 45°, 60°. 	Lab Activity: To make a clinometer and use it to measure the height of an object.		Assignment on Heights and Distances
Topic: Triangles No. of Periods: 15	<ul style="list-style-type: none"> • Definitions, examples, counter examples of similar triangles. • (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio. • (Motivate) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side. • (Motivate) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar. • (Motivate) If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar. • (Motivate) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar. • (Motivate) If a perpendicular is drawn from the vertex of the right angle of a right triangle to the hypotenuse, the triangles on each side of the perpendicular are similar to the whole triangle and to each other. • (Prove) The ratio of the areas of two similar triangles is equal to the ratio of the squares on their corresponding sides. 	Lab Activity: 1. To verify Basic proportionality theorem. 2. To verify the Pythagoras theorem.		Assignment on Triangles

Month Topic	Sub Topic	Concept/ Mathematics Activities	Discussion	Assignment
	<ul style="list-style-type: none"> • (Prove) In a right triangle, the square on the hypotenuse is equal to the sum of the squares on the other two sides. • (Prove) In a triangle, if the square on one side is equal to sum of the squares on the other two sides, the angles opposite to the first side is a right triangle 		Discussion of Scoring Points/ Marking Scheme/ Sample Questions	
August Topic: Statistics No. of Periods: 18	<ul style="list-style-type: none"> • Mean, median and mode of grouped data (bimodal situation to be avoided). • Cumulative frequency graph. 			Assignment on Statistics
Topic: Circles No. of Periods: 8	<ul style="list-style-type: none"> • Tangent to a circle at, point of contact. • (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. • (Prove) The lengths of tangents drawn from an external point to a circle are equal. 	Lab Activity: To verify that the lengths of tangents drawn from an external point are equal		Assignment on Circles
September Topic: Probability No. of Periods:10	Half Yearly Examination			
	<ul style="list-style-type: none"> • Classical definition of probability. • Simple problems on finding the probability of an event. 	Lab Activity: To get familiar with the idea of probability of an event through a double colour card experiment.	Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Probability
October Topic: Areas Related to Circles No. of Periods:12	<ul style="list-style-type: none"> • Motivate the area of a circle • Area of sectors and segments of a circle. • Problems based on areas and perimeter / circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60o, 90o and 120o only. Plane figures involving triangles, simple quadrilaterals and circle should be taken.) 			Assignment on Areas Related to Circles

Month Topic	Sub Topic	Concept/ Mathematics Activities	Discussion	Assignment
Topic: Surface Areas and Volumes No. of Periods: 12	<ul style="list-style-type: none"> • Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones. • Frustum of a cone. • Problems involving converting one type of metallic solid into another and other mixed problems. (Problems with combination of not more than two different solids be taken.) 	Lab Activity: 1. To make a right circular cylinder of given height and circumference of base. 2. To determine the area of a given cylinder. To obtain the formula for the lateral surface area of a right circular cylinder in terms of the radius of its base and height. 3. To give a suggestive demonstration of the formula for the (i) volume of a right circular cylinder. (ii) volume of a right circular cone. (iii) volume of a right circular sphere.	Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Assignment on Surface Areas and Volumes
November Topic: Constructions No. of Periods: 8	<ul style="list-style-type: none"> • Division of a line segment in a given ratio (internally). • Tangents to a circle from a point outside it. • Construction of a triangle similar to a given triangle. 			Assignment on Constructions
December	Pre Board Examination			
January	Revision			
February	Revision			
March	Annual Examination			

Curriculum Plan of Science
Session (2019-20)

Month Topic	Sub Topic	Audio Visual Inputs	Concept Maps / Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment/ Discussion
April Topic: Chemical Reactions and Equations No. of periods: 09	Chemical equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, neutralization, oxidation and reduction	Videos to show balancing of chemical equations, types of chemical reactions i.e., combination reactions, decomposition reactions, displacement reactions, double displacement reactions, double displacement reactions and rancidity.	Interdisciplinary Linkage: Maths Diagrams: Fig 1.2, 1.3, 1.6. (NCERT) Art Integration: Drawing figure of Electrolytic decomposition.	Performing and observing the following reactions and classifying them into: A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions	1. Assignment on Chemical equations and reactions. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Acids, Bases and Salts No. of periods: 09	Their definitions in terms of furnishing of H ⁺ and OH ⁻ ions, General properties, examples and uses, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life. Preparation and uses of Sodium Hydroxide, bleaching powder, baking soda, Washing soda and Plaster of Paris	Videos to show different type of indicators, neutralization reactions, pH scale and importance of pH in everyday life.	Interdisciplinary Linkage: Maths, Life Sciences Diagrams: Fig 2.1, 2.2, 2.3, 2.6, 2.8. (NCERT) Art Integration: Drawing pH scale.	A. Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate	1. Assignment on Acids, Bases and Salts. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month Topic	Sub Topic	Audio Visual Inputs	Concept Maps/ Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment/ Discussion
Topic: Metals and Non-Metals No. of periods: 11	Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds. Basic metallurgical processes, corrosion and its prevention.	Videos to show the difference in the physical properties of metals and non-metals, to show the formation ionic compounds, extractions of metals and non- metals.	Interdisciplinary Linkage: Maths Diagrams: Fig 3.3, 3.4, 3.5, 3.6, 3.8, 3.10, 3.12. (NCERT) Art Integration: Drawing the figure to show the action of steam on a metal, formation of sodium chloride and magnesium chloride, electrolytic refining.	Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) ZnSO ₄ (aq) ii) FeSO ₄ (aq) iii) CuSO ₄ (aq) iv) Al ₂ (SO ₄) ₃ (aq) Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Metals and Non-metals ○ Carbon and its compounds ○ Periodic classification of elements • Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Carbon and its compounds No. of periods: 11	Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes, alkenes and alkynes), difference between saturated hydrocarbons and unsaturated hydrocarbons. Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents	Videos to show that why carbon forms covalent bond formation, electron dot structure of various molecules, soap and its working.	Interdisciplinary Linkage: Maths Diagrams: Fig 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.12, 4.13. (NCERT) Art Integration: Drawing figures of electron dot structures of a molecule of hydrogen, Oxygen, Nitrogen, Methane, ethane, ethene, micelle, effect of soap in cleaning.	Practical: 1. Study of the following properties of acetic acid (ethanoic acid): i) odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate. 2. Study of the comparative cleaning capacity of a sample of soap in soft and hard water.	
Topic: Periodic classification of elements No. of periods: 5	Need for classification, Modern periodic table, gradation in properties, valency, atomic number, atomic size, metallic and non-metallic properties	Videos to show Dobernier's Classification, Newland law of octave, Mendeleev's classification, Trends in Modern Periodic classification.	Interdisciplinary Linkage: Maths Diagrams: Fig Table 5.6 (NCERT) Art Integration: Drawing Modern Periodic Table as a Teaching learning aid.	Practical: Discussion of Practical based questions and Revision of Practicals.	

Month Topic	Sub Topic	Audio Visual Inputs	Concept Maps / Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment/ Discussion
May Topic: Life Processes No. of periods: 13	Periodic Test – 1				
	Living being. Basic concept of nutrition, respiration, transport and excretion in plants and animals.	Videos to show Stomatal opening and closing, Human digestive system, Human respiratory system, Circulation in humans, Excretory system in humans.	Interdisciplinary Linkage: Botany, Zoology. Diagrams: Fig 6.1, 6.3 6.5, 6.6, 6.8, 6.9, 6.10, 6.11, 6.13, 6.14, (NCERT) Art Integration: Drawing figures of Cross section of a leaf, Open and closed stomatal pore, Nutrition in Amoeba, Human alimentary canal, breakdown of glucose by various pathways, Human respiratory system, sectional view of human heart, Double circulation, Excretory system in human beings, structure of a nephron.	1. Preparing a temporary mount of a leaf peel to show stomata. 2. Experimentally show that carbon dioxide is given out during respiration.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Life processes ○ Control and coordination ○ How do organisms reproduce? • Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Control and coordination No. of periods: 12	Tropic movements in plants, introduction to plant hormones; control and coordination in animals, nervous system, voluntary, involuntary and reflex action. Chemical coordination: Animal hormones	Videos to show Tyndall effect, Brownian movement, Homogeneous and heterogeneous catalysis, enzyme catalysis.	Concept Map: Mind map to show the functions of different parts of brain. Diagrams: Fig 7.1, 7.2, 7.3, 7.7. (NCERT) Art Integration: Drawing figures to show structure of neuron, Neuromuscular junction, Reflex arc, Human Brain, Endocrine glands in human beings (a) male (b) female	Discussion of Practical based questions and Revision of Practicals.	
July Topic: How do organisms reproduce? No. of periods: 13	Reproduction in animals and plants (asexual and sexual) reproductive health- need and methods of family planning. Safe sex versus HIV/ AIDS. Child bearing and women's health	Videos to show Binary fission in amoeba, Multiple fission in plasmodium, Regeneration in Planaria, Budding in Hydra, Spore formation in Rhizopus, L.S. of	Concept Map: Mind map to show the types of reproduction. Diagrams: Fig 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.8, 8.9, 8.10, 8.11, (NCERT) Art Integration: Drawing figures Binary fission in amoeba, Multiple fission, Regeneration in Planaria, Budding in Hydra, Spore formation in Rhizopus, L.S. of flower, Germination of pollen on stigma, Germination, Huma- male	1. Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides. 2. Identification of the different parts of an embryo of a dicot seed	

Month Topic	Sub Topic	Audio Visual Inputs	Concept Maps / Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment/ Discussion
		flower, Germination of pollen on stigma, Human-male reproductive system, Human-female reproductive system.	reproductive system, Human-female reproductive system.	(Pea, gram or red kidney bean).	
Topic: Heredity and Evolution No. of periods: 12	Heredity; Mendel's contribution- Laws for inheritance of traits, sex determination: brief introduction, basic concepts of evolution.	Videos to show Monohybrid cross, Dihybrid cross, Sex determination in Human beings, Homologous and Analogous organs, Fossils.	Interdisciplinary linkages: Maths Diagrams: Fig 9.3, 9.4, 9.5, 9.6, (NCERT) Art Integration: Drawing the diagrams to show monohybrid cross, Dihybrid cross, Sex determination in human beings.	Discussion of Practical based questions and Revision of Practical's.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Heredity and Evolution. ○ Light • Discussion of Scoring Points/ Marking Scheme/ Sample Questions
August Topic: Light No. of periods: 13	Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required), magnification. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of lens.	Video to show the image formation by concave/convex mirrors and convex and concave lenses, Refraction of light through a rectangular glass slab.	Interdisciplinary Linkages: Maths Diagrams: Fig 10.1, 10.7, 10.8, 10.9, 10.10, 10.12, 10.16, 10.17, (NCERT) Art Integration: Drawing figures of Concave mirror, convex mirror, ray diagrams, for the image formation by a concave mirror, formation of image by a convex mirror, the new Cartesian Sign convention for spherical mirrors, Refraction of light through a rectangular glass slab, images formed by convex and concave lens.	<ol style="list-style-type: none"> 1. Finding the image distance for varying object distances in case of a convex lens and drawing corresponding ray diagrams to show the nature of image formed. 2. Determination of the focal length of: <ol style="list-style-type: none"> i) Concave mirror ii) Convex lens by obtaining the image of a distant object. 3. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result. 4. Tracing the path of the rays of light through a glass prism. 	

Month Topic	Sub Topic	Audio Visual Inputs	Concept Maps / Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment/ Discussion
Topic: Human Eye and colourful World No. of periods: 10	Functioning of a lens in human eye, Power of accommodation of eye, Colour vision, defects of vision and their correction, applications of spherical mirrors and lenses. Refraction of light through a prism, dispersion of white light through glass prism, Atmospheric refraction-optical phenomenon in nature, scattering of light, Tyndall effect, applications in daily life.	Videos to show the working of Human Eye, Myopia, Hypermetropia, Dispersion of white light by prism, Atmospheric refraction.	Interdisciplinary Linkages: Maths Diagrams: Fig 11.1, 11.2, 11.3, 11.5, 11.6, 11.8, 11.9, 11.10, 11.12 (NCERT) Art Integration: Drawing figures to show Structure of Human Eye, Myopia and its correction, Hypermetropia and its correction, Dispersion of light by Prism.	Discussion of Practical based questions and Revision of Practicals.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Human Eye and colourful world • Discussion of Scoring Points/ Marking Scheme/ Sample Questions
September	Half Yearly Examination				
Topic: Electricity No. of periods: 18	Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series and parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications. Electric power, Interrelation between P, V, I and R.	Videos to show Ohm's Law, Series and parallel circuits, Heating effect of electric current.	Interdisciplinary Linkages: Maths Diagrams: Fig table 12.1, 12.3, 12.6, 12.7 (NCERT) Art Integration: Drawing series and parallel circuits and graph of Ohm's law.	1.Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I. 2.Determination of the equivalent resistance of two resistors when connected in series and parallel.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Electricity ○ Magnetic effect on electric current • Discussion of Scoring Points/ Marking Scheme/ Sample Questions
October Topic: Magnetic Effect of electric current	Magnetic field, field lines, field due to a current carrying conductor, current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left-Hand Rule. Electromagnetic induction. Induced	Videos to show Magnetic field line pattern around a bar magnet, solenoid, working of an	Interdisciplinary Linkages Maths (Geometry) Diagrams: Fig. 13.3, 13.4, 13.6, 13.8, 13.10, 13.11, 13.12, 13.13, 13.15, 13.17, 13.18, 13.19 (NCERT)	Practical: Discussion of Practical based questions and Revision of Practicals.	

Month Topic	Sub Topic	Audio Visual Inputs	Concept Maps / Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment/ Discussion
No. of periods: 14	potential difference and current. Fleming's Right-Hand Rule, Direct current. Alternating current: Frequency of AC, Advantages of AC over DC, Domestic electric circuits.	electric motor and working of an electric generator.	Art Integration: Drawing figures of electric motor, electric generator, solenoid, field lines around a bar magnet, magnetic field lines of the field produced by a current carrying circular loop, electromagnetic induction.		
October Topic: Sources of Energy No. of periods: 07	Different forms of energy, conventional and non-conventional sources of energy: Fossil fuels, solar energy, biogas, wind, water and tidal energy; Nuclear energy. Renewable versus non-renewable sources of energy.	Videos to show the difference between Renewable and non-renewable sources of energy, Working of Hydropower plant and biogas plant.	Diagrams: Fig 14.3, 14.4, 14.6 Art Integration: Drawing figure of Hydropower plant, biogas plant, solar cooker.	Discussion of Practical based questions and Revision of Practicals.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Sources of Energy ○ Our Environment ○ Management of Natural Resources • Discussion of Scoring Points/ Marking Scheme/ Sample Questions
November Topic: Our Environment No. of periods: 07	Eco-system, environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances	Videos to show the concept of food chain and food web.	Diagrams: Fig 15.2, 15.4. Art Integration: Drawing resonating structures to explain the acidity of amines.	Discussion of Practical based questions and Revision of Practicals.	
Topic: Management of Natural Resources No. of periods: 06	Conservation, management and judicious use of natural resources. Forest and wild life, coal and petroleum conservation. Examples of People's participation for conservation of natural resource. Big dams: advantages and limitations; alternatives (if any). Water harvesting, sustainability of natural resources	Videos to show the production of coal and petroleum, Sustainable management.	Art Integration: Drawing figures to show water harvesting.	Discussion of Practical based questions and Revision of Practicals.	
December	Pre Board Examination				
January	Revision				
February	Revision				
March	Annual Examination				

Curriculum Plan of Social Science
(Session: 2019-2020)

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
April Topic: Resources and Development No. of Periods: 8	<ul style="list-style-type: none"> • Types of Resources • Development of Resources • Resource Planning in India • Land Resources • Land Utilization • Land Use Pattern in India • Land Degradation and Conservation Measures • Soil as a Resource • Classification of Soils • Soil Erosion and Soil Conservation 	<ul style="list-style-type: none"> • Understand the value of resources and the need for their judicious utilization and conservation. 	Video <ul style="list-style-type: none"> • Resource and Development • Land Degradation and Conservation measures. 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Resources and classification ○ Power Sharing ○ Development • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Topic selection 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Self awareness, Decision making, Observation skills, Analytical skills • Art Integration <ul style="list-style-type: none"> ○ Prepare a list of resources found in your state and also identify the resources that are important but deficit in your state. • Interdisciplinary linkage <ul style="list-style-type: none"> ○ Science
Topic: Power Sharing. No. of Periods: 6	<ul style="list-style-type: none"> • Case Studies of Belgium and Sri Lanka • Why power sharing is desirable? • Forms of Power Sharing 	<ul style="list-style-type: none"> • Familiarize with the centrality of power sharing in a democracy. • Understand the working of spatial and social power sharing mechanisms. 	Video <ul style="list-style-type: none"> • Power sharing • Case of Belgium and Sri Lanka 		<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Problem Solving, Critical Thinking, Observation skills, Logical thinking, Application, Team building • Art Integration <ul style="list-style-type: none"> ○ Read any newspaper for one week and make clippings of news related to on-going conflicts or wars. • Interdisciplinary Linkage <ul style="list-style-type: none"> ○ History
Topic: Development No. of Periods: 11	<ul style="list-style-type: none"> • What Development Promises - Different people different goals • Income and other goals • National Development 	<ul style="list-style-type: none"> • Familiarize with concepts of macroeconomics. • Understand the rationale for 	Video <ul style="list-style-type: none"> • Development 		<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Self awareness, Decision Making, Critical Thinking, Interpersonal skills • Art Integration <ul style="list-style-type: none"> ○ Picture Reading and Paragraph

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
	<ul style="list-style-type: none"> • How to compare different countries or states? • Income and other criteria • Public Facilities • Sustainability of development 	<p>overall human development in our country, which includes the rise of income, improvements in health and education rather than income.</p> <ul style="list-style-type: none"> • Understand the importance of quality of life and sustainable development. 			<p>writing. (NCERT Pg. 7)</p> <ul style="list-style-type: none"> • Interdisciplinary linkage <ul style="list-style-type: none"> ○ Science
<p>Topic: Forest and wild life resources No. of Periods: 8 Note: The chapter ‘Forest and Wildlife’ to be assessed in the Periodic Tests only and will not be evaluated in Board Examination.</p>	<ul style="list-style-type: none"> • Biodiversity or Biological Diversity • Flora and Fauna in India • Vanishing Forests • Asiatic Cheetah: Where did they go? • The Himalayan Yew in trouble • Conservation of forest and wildlife in India • Project Tiger • Types and distribution of forests and wildlife resources • Community and Conservation 	<ul style="list-style-type: none"> • Understand the importance of forests and wild life in one environment as well as develop concept towards depletion of resources. 	<p>Video</p> <ul style="list-style-type: none"> • Classification of Flora and Fauna 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Forest and wildlife resources ○ Water Resources • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Topic selection 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Self awareness, Critical thinking, Observation Skills, Reasoning skills • Art Integration <ul style="list-style-type: none"> ○ Collect more information on the wildlife sanctuaries and national parks of India and cite their locations on the map of India. • Interdisciplinary Linkage <ul style="list-style-type: none"> Science and History
<p>Topic: Water Resources</p>	<ul style="list-style-type: none"> • Water Scarcity and The Need for Water Conservation and 	<ul style="list-style-type: none"> • Comprehend the importance of water as a resource as well as develop awareness 	<p>Video</p> <ul style="list-style-type: none"> • Rain water harvesting 		<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Self awareness, Interpersonal relationship, Decision making, Analytical skills

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Note- Chapter will be assessed in the Periodic Tests only and not in Board Examination.	Management <ul style="list-style-type: none"> • Multi-Purpose River Projects and Integrated Water Resources Management • Rainwater Harvesting 	towards its judicious use and conservation.	system in India		<ul style="list-style-type: none"> • Art Integration <ul style="list-style-type: none"> ○ Make a list of inter-state water disputes. • Interdisciplinary linkage <ul style="list-style-type: none"> ○ Science
May	Periodic Test - 1				
Topic: The Rise of Nationalism in Europe. No of Periods: 15	<ul style="list-style-type: none"> • The French Revolution and the Idea of the Nation • The Making of Nationalism in Europe • The Age of Revolutions: 1830-1848 • The Making of Germany and Italy • Visualizing the Nation • Nationalism and Imperialism 	<ul style="list-style-type: none"> • Enable the learners to identify and comprehend the forms in which nationalism developed along with the formation of nation states in Europe in the post-1830 period. • Establish the relationship and bring out the difference between European nationalism and anti-colonial nationalisms. • Understand the way the idea of nationalism emerged and led to the formation of nation states in Europe and elsewhere. 	Video <ul style="list-style-type: none"> • French Revolution • Germany unification • Italy Unification • Greek war of Independence 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ French revolution and Unification in Europe ○ Federalism • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Research 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Reasoning skills, Critical thinking, Analytical skill, Decision making • Art Integration <ul style="list-style-type: none"> ○ Plot the changes drawn up by the Vienna Congress on the Map of Europe • Interdisciplinary linkage <ul style="list-style-type: none"> ○ History and Geography
Topic: Federalism No. of Periods: 6	<ul style="list-style-type: none"> • What is Federalism? • What make India a Federal Country? • 		Video <ul style="list-style-type: none"> • Federalism 		<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Reasoning skills, Critical thinking, Analytical skill, Decision making • Art Integration

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
	<ul style="list-style-type: none"> • How is Federalism practiced? • Decentralization in India 				<ul style="list-style-type: none"> ○ Find out about the local government in the village or town you live in. • Interdisciplinary linkage <ul style="list-style-type: none"> ○ History and Geography
Topic: Consumer Rights and Projects (to be done as Project Work. No. of periods: 5		<ul style="list-style-type: none"> • Gets familiarized with the rights and duties as a consumer; and legal measures available to protect from being exploited in markets. 			<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Self awareness, Analytical skill • Art Integration <ul style="list-style-type: none"> ○ Project
July Topic: Democracy and Diversity. No. of Periods: 7 Note: The chapter 'Democracy and Diversity' to be assessed in the Periodic Tests only and not in Board Examination.	<ul style="list-style-type: none"> • Case Studies of Mexico • Differences, similarities and divisions • Politics of social divisions 	<ul style="list-style-type: none"> • Analyse the relationship between social cleavages and political competition with reference to Indian situation. 	Video <ul style="list-style-type: none"> • Overlapping and Crosscutting differences 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Democracy and Diversity ○ Idea of Satyagraha, Non Co-operation movement and Civil disobedience movement with the sense of collective belonging • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Research 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Interpersonal relationship, Critical thinking, Decision making • Art Integration <ul style="list-style-type: none"> ○ Draw or collect some images of social divisions in different aspects of life. Can you think of some examples of social division or discrimination in the field of sports? • Interdisciplinary linkage <ul style="list-style-type: none"> ○ History
Topic: Nationalism in India. No. of Periods: 15	<ul style="list-style-type: none"> • The First World War, Khilafat and Non-Cooperation • Differing Strands within the Movement • Towards Civil Disobedience • 	<ul style="list-style-type: none"> • Recognize the characteristics of Indian nationalism through a case study of Non-Cooperation and Civil Disobedience Movement. • 	Video <ul style="list-style-type: none"> • Jallianwala Bagh Massacre • Non co-operation movement • Civil dis obedience Movement 	<ul style="list-style-type: none"> • Project <ul style="list-style-type: none"> ○ Research 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Interpersonal relationship, Critical thinking, Problem solving, Decision making • Art Integration <ul style="list-style-type: none"> ○ Find out about other participants in the National

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
	<ul style="list-style-type: none"> The Sense of Collective Belonging 	<ul style="list-style-type: none"> Analyze the nature of the diverse social movements of the time. Familiarize with the writings and ideals of different political groups and individuals. Appreciate the ideas promoting Pan Indian belongingness. 		<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Gender Religion and Caste Sectors of the Indian Economy <ul style="list-style-type: none"> Agriculture Timeline/ Concept Mapping Discussion of Scoring Points/ Marking Scheme/ Sample Questions Project <ul style="list-style-type: none"> Research 	<p>Movement who were captured and put to death by the British.</p> <ul style="list-style-type: none"> Integrated linkage <ul style="list-style-type: none"> Political Science and Indian national movement.
<p>Topic: Gender Religion and Caste. No of Periods: 8</p>	<ul style="list-style-type: none"> Gender and Politics Religion, Communalism and Politics Caste and Politics 	<ul style="list-style-type: none"> Identify and analyse the challenges posed by communalism to Indian democracy. Recognise the enabling and disabling effects of caste and ethnicity in politics. Develop a gender perspective on politics. 	<p>Video</p> <ul style="list-style-type: none"> Women discrimination and empowerment Communalism and caste in politics 		<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Self awareness, Critical thinking, Decision making, Problem solving Art Integration <ul style="list-style-type: none"> Time use survey on all adults (males and females) in your family Interdisciplinary linkage History
<p>Topic: Sectors of Indian Economy. No of Periods: 12</p>	<ul style="list-style-type: none"> Sectors of Economic Activities Comparing the three sectors Primary, Secondary and Tertiary Sectors in India Division of sectors as organized and unorganized Sectors in terms of ownership: Public and Private Sectors 	<ul style="list-style-type: none"> Identify major employment generating sectors. Reason out the government investment in different sectors of economy. 	<p>Video</p> <ul style="list-style-type: none"> Sectors of the Indian Economy Organized and Unorganized Sector 		<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Problem Solving, Self awareness, Critical thinking, Decision making Art Integration <ul style="list-style-type: none"> Classify the given list of occupations under primary secondary and tertiary sectors (NCERT Pg. 21) Interdisciplinary linkage <ul style="list-style-type: none"> Political Science
<p>Topic: Agriculture No of Periods: 9</p>	<ul style="list-style-type: none"> Types of farming Cropping Pattern Major Crops Technological and 	<ul style="list-style-type: none"> Explain the importance of agriculture in national economy. Identify various types of farming and discuss the various farming 	<p>Video</p> <ul style="list-style-type: none"> Different Cropping patterns in India 		<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Self awareness, Critical thinking, Decision making Art Integration

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
	Institutional Reforms • Impact of Globalization on Agriculture	methods; describe the spatial distribution of major crops as well as understand the relationship between rainfall regimes and cropping pattern. • Explain various government policies for institutional as well as technological reforms since independence.	• Rubber plantation and cotton cultivation		<ul style="list-style-type: none"> ○ List the items which are made of rubber and are used by us • Interdisciplinary linkage <ul style="list-style-type: none"> ○ Economics
August Topic: Minerals and Energy Resources. No of Periods: 8	<ul style="list-style-type: none"> • What is a mineral? • Mode of occurrence of Minerals • Ferrous and Non-Ferrous Minerals • Non-Metallic Minerals • Rock Minerals • Conservation of Minerals • Energy Resources <ul style="list-style-type: none"> ○ Conventional and Non-Conventional ○ Conservation of Energy Resources 	<ul style="list-style-type: none"> • Identify different types of minerals and energy resources and places of their availability • Feel the need for their judicious utilization 	Video • Occurrence of Mineral • Conventional and Non-conventional resources	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Minerals and Energy Resources ○ Money and Credit • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Data collection 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Decision making, Analytical • Art Integration <ul style="list-style-type: none"> ○ From the map identify a thermal power station in your state and also name the fuel that is used there. • Interdisciplinary linkage <ul style="list-style-type: none"> ○ Science
Topic: Money and Credit No of Periods: 13	<ul style="list-style-type: none"> • Money as a medium of exchange • Modern forms of money • Loan activities of Banks • Two different credit situations • Terms of credit • Formal sector credit in India • Self Help Groups for the Poor 	<ul style="list-style-type: none"> • Understand money as an economic concept. • Understand the role of financial institutions from the point of view of day-to-day life. 	Video • Terms of Credit • Formal and Informal sectors	<ul style="list-style-type: none"> • Project <ul style="list-style-type: none"> ○ Data collection 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Self awareness, Critical thinking, Decision making, Problem solving • Art Integration <ul style="list-style-type: none"> ○ Classify the people into two groups based on whom you think might get a bank loan and those who might not and complete the table (NCERT Pg 53) • Interdisciplinary linkage <ul style="list-style-type: none"> ○ Maths

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Popular Struggles and Movements (to be assessed in the Periodic Tests only and not in Board Examination) No. of Periods: 5	<ul style="list-style-type: none"> • Popular Struggles in Nepal and Bolivia • Mobilization and Organization • Pressure Groups and Movements 	<ul style="list-style-type: none"> • Understand the vital role of people's struggle in the expansion of democracy. 	Video <ul style="list-style-type: none"> • Nepal Democracy and Bolivia water war 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Popular Struggles and Movements ○ Political Parties • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Data collection 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Self awareness, Critical thinking, Interpersonal relationship • Art Integration <ul style="list-style-type: none"> ○ Follow the news on any news TV channel for one week. Make a note of news related to pressure groups or movements representing the following sectors or sections: farmers, traders, labour, industry, environment and women. • Integrated linkage <ul style="list-style-type: none"> ○ History
Topic: Political Parties No of Periods: 8	<ul style="list-style-type: none"> • Why do we need Political Parties? • How many Parties should we have? • National Political Parties and State Parties • Challenges to Political Parties • How can Parties be reformed? 	<ul style="list-style-type: none"> • Analyse party systems in democracies. • Introduction to major political parties, challenges faced by them and reforms in the country. 	Video <ul style="list-style-type: none"> • Summary of 2019 elections • Political parties in India. 		<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Self awareness, Critical Thinking, Decision making • Art Integration <ul style="list-style-type: none"> ○ Find one photograph or news clipping from your own area for each of the functions. • Interdisciplinary linkage <ul style="list-style-type: none"> ○ History
September	Half Yearly Examination				
Topic: The Making of a Global World: No of Periods: 15	<ul style="list-style-type: none"> • The Pre-modern world • The Nineteenth Century (1815-1914) • The Inter war Economy 	<ul style="list-style-type: none"> • Show that globalization has a long history and point to the shifts within the process. 	Video <ul style="list-style-type: none"> • World Economy • Rinderpest • Indian Trade and Colonialism 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ The Nineteenth Century and the world economy 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Interpersonal relationship, Critical thinking • Art Integration <ul style="list-style-type: none"> ○ Find out more about gold and diamond mining in South Africa in the nineteenth century. Who

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
	<ul style="list-style-type: none"> Rebuilding a World Economy: The Post-War Era 	<ul style="list-style-type: none"> Analyze the implication of globalization for local economies. Discuss how globalization is experienced differently by different social groups. 	Video <ul style="list-style-type: none"> Post War Era 	<ul style="list-style-type: none"> Timeline/ Concept Mapping Project <ul style="list-style-type: none"> First Draft 	controlled the gold and diamond companies? Who were the miners and what were their lives like? <ul style="list-style-type: none"> Interdisciplinary linkage <ul style="list-style-type: none"> Economics, International Politics and Science
October Topic: Manufacturing Industries No of Periods: 8	<ul style="list-style-type: none"> Importance of manufacturing Contribution of Industry to National Economy Industrial Location Classification of Industries Spatial distribution Industrial pollution and environmental degradation Control of Environmental Degradation 	<ul style="list-style-type: none"> Bring out the importance of industries in the national economy as well as understand the regional disparities which resulted due to concentration of industries in some areas. Discuss the need for a planned industrial development and debate over the role of government towards sustainable development. 	Video <ul style="list-style-type: none"> Classification of Industries and Industrial pollution. 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Manufacturing Industries Outcomes of Democracy Timeline/ Concept Mapping Discussion of Scoring Points/ Marking Scheme/ Sample Questions Project <ul style="list-style-type: none"> Presentation 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Self awareness, Decision making Art Integration <ul style="list-style-type: none"> Collect information about steel plants located in your State and show them on the Map of India Integrated linkage <ul style="list-style-type: none"> Economics and Science
Topic: Outcomes of Democracy No of Periods: 5	<ul style="list-style-type: none"> How do we assess democracy's outcomes? Accountable responsive and legitimate government Economic growth and development Reduction of inequality and poverty Accommodation of social diversity Dignity and freedom of the citizens 	<ul style="list-style-type: none"> Evaluate the functioning of democracies in comparison to alternative forms of governments. Understand the causes for continuation of democracy in India. Distinguish between sources of strengths and weaknesses of Indian democracy. 	Video <ul style="list-style-type: none"> Outcomes of Democracy. 	<ul style="list-style-type: none"> Project <ul style="list-style-type: none"> Presentation 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Problem solving, Decision making Art Integration <ul style="list-style-type: none"> Picture Interpretation (NCERT – Pg. 93) Interdisciplinary linkage <ul style="list-style-type: none"> Economics and history

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Globalization & the Indian Economy No of Periods: 14	<ul style="list-style-type: none"> • Production across countries • Interlinking production across countries • Foreign Trade and integration of markets • What is globalization? • Factors that have enabled Globalisation • World Trade Organisation • Impact of Globalization on India • The Struggle for a fair Globalisation 	<ul style="list-style-type: none"> • Explain the working of the Global Economic phenomenon. 	Video <ul style="list-style-type: none"> • Globalization • World Trade organisation 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Globalization • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Presentation 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Self awareness, Interpersonal relationship • Art Integration <ul style="list-style-type: none"> ○ Take some branded products that we use daily (soaps, garments, electronic goods, etc.). Check which of these are produced by MNCs? • Interdisciplinary linkage History
November Topic: The Print Culture and the Modern World No of Periods: 15	<ul style="list-style-type: none"> • The First Printed Books Print Comes to Europe • The Print Revolution and its Impact • The Reading Mania • The Nineteenth Century • India and the World of Print • Religious Reform and Public Debates • New Forms of Publication • Print and Censorship 	<ul style="list-style-type: none"> • Identify the link between print culture and the circulation of ideas. • Familiarize with pictures, cartoons, extracts from propaganda literature and newspaper debates on important events and issues in the past. • Understand that forms of writing have a specific history, and that they reflect historical changes within society and shape the forces of change. 	Video <ul style="list-style-type: none"> • Print in Europe and Gutenberg Printing Press • Print in India 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Print in Europe and India ○ Lifelines of national Economy • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Final Submission 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Interpersonal relationship, Critical Thinking, Analytical skills • Art Integration <ul style="list-style-type: none"> ○ You are a bookseller advertising the availability of new cheap printed books. Design a poster for your shop window. • Interdisciplinary linkage <ul style="list-style-type: none"> ○ Science and Technology
Topic: Lifelines of National Economy	<ul style="list-style-type: none"> • Transport – Roadways, Railways, Pipelines, Waterways, Airways 	<ul style="list-style-type: none"> • Explain the importance of transport and communication in the ever-shrinking world. 	Video <ul style="list-style-type: none"> • Golden Quadrilateral 	<ul style="list-style-type: none"> ○ Final Submission 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Interpersonal relationship, Decision making, Self awareness

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
No of Periods: 7	<ul style="list-style-type: none"> • Communication • International Trade • Tourism as a Trade 	<ul style="list-style-type: none"> • Understand the role of trade and tourism in the economic development of a country. 	Video <ul style="list-style-type: none"> • Indian Railways and Waterways 		<ul style="list-style-type: none"> • Art Integration <ul style="list-style-type: none"> ○ Find out the current Railway zones and their headquarters. Also locate the headquarters of Railway zones on the map of India. • Interdisciplinary linkage <ul style="list-style-type: none"> ○ History and Economics
Topic: Challenges to Democracy (to be assessed in the Periodic Tests only and not in Board Examination) No of Periods: 5	<ul style="list-style-type: none"> • Thinking about challenges • Thinking about Political Reforms • Redefining democracy 	<ul style="list-style-type: none"> • Reflect on the different kinds of measures possible to deepen democracy. • Promote an active and participatory citizenship. 	Video <ul style="list-style-type: none"> • Challenges of Democracy 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Challenges of Democracy • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Final Submission 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Problem solving, Critical thinking, Decision making • Art Integration <ul style="list-style-type: none"> ○ Case and Context with description of challenge (NCERT – Pg. 103, 104) • Interdisciplinary linkage <ul style="list-style-type: none"> ○ History
December	Periodic Test – 2				
January	Revision				
February	Revision				
March	Annual Examination				

**Curriculum Plan of Computer Science
(Session: 2019-2020)**

Month/Topic	Theory	Practical	Project
April Topic: Networking No. of Periods: 4	<ul style="list-style-type: none"> Internet: World Wide Web, web servers, web clients, web sites, web pages, web browsers, blogs, news groups, HTML, web address, e-mail address, downloading and uploading files from a remote site. Internet protocols: TCP/IP, SMTP, POP3, HTTP, HTTPS. Remote login and file transfer protocols: SSH, SFTP, FTP, SCP, TELNET, SMTP, TCP/IP. Services available on the internet: information retrieval, locating sites using search engines and finding people on the net. Web services: chat, email, video conferencing, e-Learning, e-Banking, e-Shopping, e-Reservation, e-Governance, e-Groups, social networking. Mobile technologies: SMS, MMS, 3G, 4G. 		<ul style="list-style-type: none"> Using the internet, explore information related to the topic 'our environment'. Create a PowerPoint presentation using the information and insert related images and videos
May	PERIODIC TEST 1		
July Topic: HTML No. of Periods: 4	<ul style="list-style-type: none"> Introduction to web page designing using HTML: create and save an HTML document, access a web page using a web browser. HTML tags: HTML, HEAD, TITLE, BODY, (attributes: text, background, bgcolor, link, vlink, alink), BR (break), HR (horizontal rule), inserting comments, H1 - H6 (heading), P (paragraph), B (bold), I (italics), U (underline), UL (unordered list), OL (ordered list), and LI (list item). Description lists: DL, DT and DD. Attributes of OL (start, type), UL (type). Font tags (attributes: face, size, color). Insert images: IMG (attributes: src, width, height, alt), SUP (super script), SUB (subscript). HTML Forms: Textbox, radio buttons, checkbox, password, list, combobox. Embed audio and video in a HTML page. Create a table using the tags: TABLE, TR, TH, TD, ROWSPAN, COLSPAN 	<ul style="list-style-type: none"> Write the complete HTML code to generate a web page in the format and style shown in the lab assignment. 	

Month/Topic	Theory	Practical	Project
August No. of Periods: 4	<ul style="list-style-type: none"> • Links: significance of linking, anchor element (attributes: href, mailto), targets. • Cascading style sheets: colour, background-colour, border-style, margin, height, width, outline, font (family, style, size), align, float. 	<ul style="list-style-type: none"> • Apply stylesheet in the given web page. [Inline, embedded and linked] 	
Septmeber Topic: Cyber Ethics No. of Periods: 2	Half Yearly Examination		
	<ul style="list-style-type: none"> • Netiquettes. • Software licenses and the open source software movement. • Intellectual property rights, plagiarism and digital property rights. • Freedom of information and the digital divide. • E-commerce: Privacy, fraud, secure data transmission. 		<ul style="list-style-type: none"> • Collect Real Life cases on Computer Crimes from newspapers, magazine and Internet. Make a Project Report on 'Computer Crimes' by describing the security procedures required for preventing such crimes.
October Topic: Scratch No. of Periods: 4	<ul style="list-style-type: none"> • Revision of the basics of Scratch • Sprite, tempo, variables, and events • Coordinates and conditionals • Drawing with iteration • Update variables repeatedly, iterative development, ask and answer blocks • Create games, animated images, stories and songs 	<ul style="list-style-type: none"> • Create an animation on cyber safety. 	<ul style="list-style-type: none"> • Create a game of your choice in scratch.
November	Revision		
December	Periodic Test – 2		

अभिभावक कृपया ध्यान दें

1. स्कूल में अपना पता तथा टेलीफोन नंबर हमेशा सही-सही लिखवा कर रखें, जिससे की इमरजेंसी में आपसे बिना विलंब के संपर्क साधा जा सके। अपने बच्चे को स्कूल शुरू होने के आधे घंटे पहले तथा स्कूल खत्म होने के आधे घंटे बाद से ज्यादा देर तक स्कूल में न छोड़े ।
2. अपने बच्चे का टिफिन अनजान व्यक्ति के हाथ से न भेजें, वह नहीं लिया जाएगा । अपने बच्चे को ले जाने के लिए अनजान व्यक्ति को न भेजें, उसके साथ बच्चा नहीं भेजा जाएगा ।
3. कृपया बच्चे की फीस लोकल बैंक से अप्रैल, जुलाई, अक्टूबर तथा जनवरी की दस तारीख तक जमा करवा दें । उसके बाद 1 रू. प्रतिदिन फाइन लगेगा । अगर आपका बैंक किसी कारण से वापिस आता है तो 500 रुपये पेनल्टी तथा लेट फी फाइन लगेगा एवं फीस केवल ड्राफ्ट द्वारा ली जाएगी । दूसरी बार बैंक नहीं लिया जाएगा ।
4. देर से आने वाले बच्चों को वापिस भेज दिया जाएगा ।

अभिभावक के हस्ताक्षर