

ANNUAL
CURRICULUM
PLAN

CLASS IX

(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	27 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)	Social Science
13.05.2019 (Monday)	English
14.05.2019 (Tuesday)	Science
15.05.2019 (Wednesday)	Hindi
17.05.2019 (Friday)	Mathematics

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

TEST SCHEDULE

Periodic Test 2	Subject
06.12.2019 (Friday)	Computer Science
09.12.2019 (Monday)	Science
10.12.2019 (Tuesday)	English
12.12.2019 (Thursday)	Hindi
13.12.2019 (Friday)	Mathematics
16.12.2019 (Monday)	Social Science

Annual Exam	Subject
03.02.2020 (Monday)	Computer Science
05.02.2020 (Wednesday)	English
07.02.2020 (Friday)	Social Science
10.02.2020 (Monday)	Science
12.02.2020 (Wednesday)	Maths
14.02.2020 (Friday)	Hindi

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

1. Scholastic Area:

Total 100 marks					
(Syllabus for assessment will be only Class – IX)					
Subjects	80 marks (Annual 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	School will conduct Class–IX Examination for 80 marks in each subject covering 100% syllabus of the subject of Class – IX 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 (Failed)

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

Video, Discussion/ Debate, Grammar Usage, Writing Skills, Dictation, Speaking & Listening Skills, Reading Aloud, Dictionary Usage

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, समाचार पठन, डायरी लेखन

Mathematics

Lab Activity, Hands on Activity, 3D Lab visit and Project

Science

Lab Activity, Hands on Activity, Field Trips, Research based initiatives, 3D Lab visits, New terms, Diagrams

Social Science

Map work, Key Terms, Video, Project, Assignment, Educational trip, Flow chart, 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 Beehive <ul style="list-style-type: none"> • Prose 1 The Fun They Had • Prose 2 The Sound of Music • Poem 1 The Road Not Taken Moments <ul style="list-style-type: none"> • Lesson 1 The Lost Child 	<ul style="list-style-type: none"> • Understanding the Genre <ul style="list-style-type: none"> ○ Science Fiction ○ Autobiography ○ Narrative Poem ○ 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"> ○ Speech, Debate, Poem recitation • 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"> ○ Information about Virtual Reality, AI • Core Life Skills <ul style="list-style-type: none"> ○ 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
May Beehive <ul style="list-style-type: none"> • Poem 2 Wind • Poem 3 Rain On The Roof • Prose 3 The Little Girl Moments <ul style="list-style-type: none"> • Lesson 2 The Adventure of Toto • Lesson 3 Iswaran the Storyteller 	Periodic Test - 1			
	<ul style="list-style-type: none"> • Understanding the Genre <ul style="list-style-type: none"> ○ Short story ○ 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 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"> ○ Story narration • Writing Skills <ul style="list-style-type: none"> ○ Story 	<ul style="list-style-type: none"> • Inter-disciplinary Linkage <ul style="list-style-type: none"> ○ Information about natural phenomena of Earth • Core Life Skills <ul style="list-style-type: none"> ○ Self-awareness, Interpersonal relationship, Problem solving • Core Value Concerns <ul style="list-style-type: none"> ○ Respect, Courtesy, Self confidence, Self-regulation of feelings and emotions to face challenges of life

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
July Beehive <ul style="list-style-type: none"> • Prose 4 A Truly Beautiful Mind • Prose 5 The Snake and The Mirror • Poem 4 The Lake Isle Of Innisfree • Poem 5 A Legend of the Northland Moments <ul style="list-style-type: none"> • Lesson 4 In The Kingdom Of Fools 	<ul style="list-style-type: none"> • Understanding the Genre <ul style="list-style-type: none"> ○ Biography ○ Fiction ○ Ballad ○ Short story • 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"> ○ Role play, PPT presentation • 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 Ireland and the Lake Isle ○ Science of Theory of Relativity • 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 Beehive <ul style="list-style-type: none"> • Prose 6 My Childhood • Poem 6 No Men Are Foreign Moments <ul style="list-style-type: none"> • Lesson 5 The Happy Prince • Lesson 6 Weathering the Storm in Ersama 	<ul style="list-style-type: none"> • Understanding the Genre <ul style="list-style-type: none"> ○ Non-fiction ○ Autobiography ○ Short story ○ Non narrative 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"> ○ Speech • Writing Skills <ul style="list-style-type: none"> ○ Article 	<ul style="list-style-type: none"> • Inter-disciplinary Linkage <ul style="list-style-type: none"> ○ Preparedness during a calamity • 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
September	Half Yearly Examination			
Beehive <ul style="list-style-type: none"> • Poem 7 The Duck And The Kangaroo Moments <ul style="list-style-type: none"> • Lesson 7 The Last Leaf 	<ul style="list-style-type: none"> • Understanding the Genre <ul style="list-style-type: none"> ○ Fable ○ Short story • Central Idea 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Literature lessons and Poem • Discussion of Scoring Points/ 	<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, Poem Recitation, Reading for detail, 	<ul style="list-style-type: none"> • Core Life skills <ul style="list-style-type: none"> ○ Creative thinking, Inter-personal relationship • Core Values Concern <ul style="list-style-type: none"> ○ Respect and care for harmony

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"> • A/V Inputs (on the theme of literature lessons and poem) 	Marking Scheme/ Sample Questions	<ul style="list-style-type: none"> ○ 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"> ○ Paragraph 	
October Beehive <ul style="list-style-type: none"> • Prose 7 Packing • Poem 8 On Killing A Tree Moments <ul style="list-style-type: none"> • Lesson 8 A House Is Not Home 	<ul style="list-style-type: none"> • Understanding the Genre <ul style="list-style-type: none"> ○ Travelogue ○ Protest poem ○ Short story • 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"> ○ Talk Time, 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"> ○ Scientific significance of Trees • 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
November Beehive <ul style="list-style-type: none"> • Prose 8 Reach for the Top • Prose 9 The Bond Of Love • Poem 9 The Snake Trying • Poem 10 A Slumber Did My Spirit Seal Moments <ul style="list-style-type: none"> • Lesson 9 The Accidental Tourist 	<ul style="list-style-type: none"> • Understanding the Genre- <ul style="list-style-type: none"> ○ Biography ○ Fiction ○ Realistic Fiction ○ Elegy • 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 • Writing Skills <ul style="list-style-type: none"> ○ Diary Entry 	<ul style="list-style-type: none"> • Inter-disciplinary Linkage <ul style="list-style-type: none"> ○ Animal care and organisations working towards the aim • Core Life Skills <ul style="list-style-type: none"> ○ Inter personal relationship • Core Values Concern <ul style="list-style-type: none"> ○ Responsibility towards one's work /duty

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
December Beehive <ul style="list-style-type: none"> • Prose 10 Kathmandu • Prose 11 If I Were You Moments • Lesson 10 The Beggar 	<ul style="list-style-type: none"> • Understanding the Genre- <ul style="list-style-type: none"> ○ Travelogue ○ One act play ○ Realistic 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 	<p style="text-align: center;">Periodic Test - 2</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 detail, Reading for pleasure, Extended reading, Silent Reading, Scanning • Speaking Skills <ul style="list-style-type: none"> ○ 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 identity of Nepal • Core Life Skills <ul style="list-style-type: none"> ○ Inter personal relationship, Empathy • Core Values Concern <ul style="list-style-type: none"> ○ Social Responsibility, Respect and care for humanity
January	Revision			
February	Annual Examination			

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

महीना/ विषयवस्तु	विषय /ऑडियो /वीडियो	असाइनमेंट / परिचर्चा	सुनना, बोलना, पढना और लिखना	जीवन कौशल / अंतर्विषयी कार्य
अप्रैल / कालांश =25 क्षितिज-गद्य भाग <ul style="list-style-type: none"> पाठ-1 दो बैलों की कथा क्षितिज-पद्य भाग <ul style="list-style-type: none"> पाठ-9 कबीर (सखियाँ,सबद) पाठ-10 ललदयद (वाख) कृतिका <ul style="list-style-type: none"> पाठ-2 मेरे संग की औरतें व्याकरण <ul style="list-style-type: none"> पाठ -1 उपसर्ग, प्रत्यय, अलंकार (अनुप्रास अलंकार) पत्र- प्रार्थना पत्र (शिकायती) निबंध लेखन (विवरणात्मक) 	<ul style="list-style-type: none"> शब्दार्थ ज्ञान, शब्दों का सही उच्चारण, पर्यायवाची, अनुच्छेद 	<ul style="list-style-type: none"> निम्नलिखित पाठों पर आधारित अभिहस्तांकन (असाइमेंट) लेखन कार्य पर परिचर्चा व कॉपी में करना गद्य भाग : पाठ- 1 पद्य भाग : पाठ- 9,10 कृतिका : पाठ- 1 व्याकरण : उपसर्ग, प्रत्यय, अलंकार, औपचारिक ,अनौपचारिक पत्र लेखन, निबंध लेखन <ul style="list-style-type: none"> अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> सुनना- प्रश्नोत्तरी सुनकर अर्थ ग्रहण करना बोलना- तिब्बती समाज और भारतीय समाज में समरूपता (समूह चर्चा) पढना- पाठ्य पुस्तक में निहित पाठ 1 पठन लिखना- प्रेमचंद का सचित्र जीवन-परिचय लेखन 	गद्य भाग <ul style="list-style-type: none"> पाठ-1 आजादी से पहले ग्रामीण पृष्ठभूमि कैसी थी? विषय पर सामूहिक परिचर्चा पाठ-2 कबीर और ललदयद की भक्ति में समन्वय पाठ-3 पर्यावरण पर आधारित अनुच्छेद लेखन
मई	आवधिक परीक्षा -1			

महीना/ विषयवस्तु	विषय /ऑडियो /वीडियो	असाइनमेंट / परिचर्चा	सुनना, बोलना, पढ़ना और लिखना	जीवन कौशल / अंतर्विषयी कार्य
<p>मई \ कालांश- 22</p> <p>क्षितिज-गद्य भाग</p> <ul style="list-style-type: none"> पाठ-2 लहासा की ओर पाठ-3 उपभोक्तावाद की संस्कृति (केवल पठन हेतु) <p>क्षितिज-पद्य भाग</p> <ul style="list-style-type: none"> पाठ-11 रसखान (सवैये) <p>कृतिका</p> <ul style="list-style-type: none"> पाठ-1 इस जल प्रलय में (केवल पठन हेतु) <p>व्याकरण</p> <ul style="list-style-type: none"> पाठ 1 समास पाठ 3 अलंकार (यमक, श्लेष अलंकार) पत्र लेखन (अनौपचारिक) निबंध लेखन विवरणात्मक 	<ul style="list-style-type: none"> शब्दार्थ ज्ञान, शब्दों का सही उच्चारण, बहुविकल्पीय प्रश्न, संवाद लेखन, वार्णिक छंद (सेवैया, कवित्त), अलंकार (अनुप्रास, पुनरुक्ति प्रकाश, मानवीकरण, रूपक) 	<ul style="list-style-type: none"> निम्नलिखित पाठों पर आधारित अभिहस्तांकन (असाइमेंट) लेखन कार्य पर परिचर्चा व कॉपी में करना । <p>गद्य भाग पाठ-2, 3</p> <p>पद्य भाग पाठ-11</p> <p>कृतिका पाठ-1</p> <p>व्याकरण : उपसर्ग, प्रत्यय, अलंकार, समास, औपचारिक ,अनौपचारिक पत्र लेखन, निबंध लेखन</p> <ul style="list-style-type: none"> अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> सुनना- ऑडियो पर आधारित प्रश्नोत्तरी । बोलना- कविता वाचन (स्वरचित) पढ़ना- समाचार पत्र पठन लिखना- अनुच्छेद लेखन 	<p>गद्य भाग</p> <ul style="list-style-type: none"> पाठ-4 “व्यक्ति का हर परिस्थिति में अपने ऊपर हौसला बनाए रखना” विषय पर दो मित्रों में संवाद लेखन पाठ-5 “बाह्य चमक-दमक से सावधान रहना” सामूहिक परिचर्चा । पाठ-5 आजादी के आन्दोलन में लेखिका के परिवार की भागीदारी
<p>जुलाई / कालांश = 25</p> <p>क्षितिज-गद्य भाग</p> <ul style="list-style-type: none"> पाठ-4 सांवले सपनों की याद <p>क्षितिज-पद्य भाग</p> <ul style="list-style-type: none"> पाठ-12 कैदी और कोकिला <p>कृतिका</p> <ul style="list-style-type: none"> पाठ -3 रीढ़ की हड्डी 	<ul style="list-style-type: none"> शब्दार्थ ज्ञान, शब्दों का सही उच्चारण रस (वीररस, करुण रस) अलंकार (अनुप्रास, श्लेष) शब्द-भंडार में वृद्धि, मूल्यों पर 	<ul style="list-style-type: none"> निम्नलिखित पाठों पर आधारित अभिहस्तांकन (असाइमेंट) लेखन कार्य पर परिचर्चा व कॉपी में करना । <p>गद्य भाग पाठ-4</p> <p>पद्य भाग पाठ-12</p> <p>कृतिका पाठ-3</p> <p>व्याकरण : उपसर्ग, प्रत्यय, अलंकार, समास, औपचारिक ,अनौपचारिक पत्र</p>	<ul style="list-style-type: none"> सुनना- भाषण पर आधारित सामूहिक परिचर्चा । बोलना- साक्षात्कार लेना पढ़ना- पाठ्य पुस्तक में निहित पाठ-पठन लिखना- निबंध 	<p>पद्य भाग</p> <ul style="list-style-type: none"> पाठ-12 आजादी से पहले भारतीय पृष्ठभूमि के बारे में परिचर्चा

महीना/ विषयवस्तु	विषय/ ऑडियो/ वीडियो	असाइनमेंट / परिचर्चा	सुनना, बोलना, पढ़ना और लिखना	जीवन कौशल / अंतर्विषयी कार्य
व्याकरण <ul style="list-style-type: none"> पत्र (औपचारिक, शिकायती व सुझाव सम्बन्धित) निबंध लेखन (विचारात्मक) 	आधारित प्रश्नोत्तरी, वाद विवाद	लेखन, संवाद, समाचार लेखन, निबंध लेखन <ul style="list-style-type: none"> अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	लेखन	
अगस्त /कालांश = 25 क्षितिज-गद्य भाग <ul style="list-style-type: none"> पाठ-5 नाना साहब की बेटी मैना को भस्म कर दिया गया क्षितिज-पद्य भाग <ul style="list-style-type: none"> पाठ-13 ग्राम श्री (केवल पठन हेतु) व्याकरण <ul style="list-style-type: none"> अर्थ के आधार पर वाक्य भेद अलंकार (शब्दालंकार, अर्थालंकार) पत्र लेखन (आवेदन पत्र) निबंध लेखन (भावनात्मक) अपठित काव्यांश, गद्यांश 	<ul style="list-style-type: none"> शब्दार्थ, समानार्थी शब्दों का सही उच्चारण, मुहावरे, डायरी लेखन वाक्य-वाक्य के अंग (उद्देश्य- विधेय), वाक्य के घटक, वाक्य निर्माण, कार्य -प्रपत्र 	<ul style="list-style-type: none"> निम्नलिखित पाठों पर आधारित अभिहस्तांकन (असाइमेंट) लेखन कार्य पर परिचर्चा व कॉपी में करना गद्य भाग पाठ-5 पद्य भाग पाठ- 13 व्याकरण : उपसर्ग, प्रत्यय, अलंकार, समास, अर्थ के आधार पर वाक्य भेद, औपचारिक,अनौपचारिक पत्र लेखन, संवाद, समाचार लेखन, निबंध लेखन <ul style="list-style-type: none"> अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> सुनना- कहानी के कुछ अंशों को सुनकर कहानी पूर्ण करना बोलना- संवाद लेखन (आज की राजनीति) पढ़ना- 'नाना साहब की बेटी मैना को भस्म कर दिया गया' पाठ पठन लिखना- निबंध लेखन (भावनात्मक) 	<ul style="list-style-type: none"> अंग्रेजों द्वारा भारतीयों पर ढाए जाने वाले अत्याचारों का वर्णन करें। ग्रामीण पृष्ठभूमि पर सामूहिक परिचर्चा।
सितम्बर	अर्धवार्षिक परीक्षा			
अक्टूबर / कालांश= 22 क्षितिज-गद्य भाग <ul style="list-style-type: none"> पाठ -6 प्रेमचंद के फटे जूते 	<ul style="list-style-type: none"> जीवन परिचय , अनुच्छेद ,वर्तनी ज्ञान, समुच्चयबोधक का प्रयोग करते हुए वाक्य 	<ul style="list-style-type: none"> निम्नलिखित पाठों पर आधारित अभिहस्तांकन (असाइमेंट) लेखन कार्य पर परिचर्चा व कॉपी में करना गद्य भाग पाठ- 6	<ul style="list-style-type: none"> सुनना- वाद-विवाद बोलना- नारीशक्ति' विषय पर सामूहिक परिचर्चा 	<ul style="list-style-type: none"> 'सादा जीवन उच्च विचार' में विश्वास रखना।

महीना/ विषयवस्तु	विषय/ ऑडियो/ वीडियो	असाइनमेंट / परिचर्चा	सुनना, बोलना, पढ़ना और लिखना	जीवन कौशल / अंतर्विषयी कार्य
क्षितिज-पद्य भाग <ul style="list-style-type: none"> पाठ -14 चंद्र गहना से लौटती बेर पाठ -15 मेघ आये व्याकरण (पुनरावृत्ति) <ul style="list-style-type: none"> अलंकार (शब्दालंकार, अर्थालंकार) अपठित गद्यांश 	बनाना, संस्मरण <ul style="list-style-type: none"> कविता का सस्वर वाचन , लेखन, अलंकार ,रस (शांत) मूल्य प्रश्न, अतुकांत कविता लेखन, शब्दार्थ, प्रश्नोत्तर, समूह चर्चा, अनुच्छेद लेखन 	पद्य भाग पाठ-14,15 <ul style="list-style-type: none"> अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> पढ़ना- 'प्रेमचंद के फटे जूते' पाठ पठन लिखना -हाल ही में पढ़ी किसी कहानी की समीक्षा लिखना 	<ul style="list-style-type: none"> 'वर्षा जल स्तर को बढ़ाने में किस प्रकार सहायक है' विषय पर संवाद लेखन।
नवम्बर/कालांश=14 क्षितिज-गद्य भाग <ul style="list-style-type: none"> पाठ -7 मेरे बचपन के दिन (केवल पठन हेतु) पाठ-8 एक कुता और एक मैना क्षितिज-पद्य भाग <ul style="list-style-type: none"> पाठ -16 यमराज की दिशा कृतिका <ul style="list-style-type: none"> पाठ-4 माटी वाली व्याकरण <ul style="list-style-type: none"> अपठित काव्यांश निबंध लेखन (नैतिक मूल्य एवम् आदर्श) संवाद लेखन 	<ul style="list-style-type: none"> प्रश्नोत्तर ,प्रत्यय ,सर्वनाम , शब्दार्थ ज्ञान ,समूह चर्चा , शब्दों का सही उच्चारण शब्दार्थ ,भाषण ,वाद-विवाद अलंकार, शब्दार्थ, प्रश्नोत्तर, समीक्षा, अभ्यास 	<ul style="list-style-type: none"> निम्नलिखित पाठों पर आधारित अभिहस्तांकन (असाइमेंट) लेखन कार्य पर परिचर्चा व कॉपी में करना गद्य भाग पाठ- 9 पद्य भाग पाठ- 10 कृतिका पाठ-4 व्याकरण : उपसर्ग, प्रत्यय, अलंकार, समास, अर्थ के आधार पर वाक्य भेद, औपचारिक , अनौपचारिक पत्र लेखन, संवाद, समाचार लेखन, निबंध लेखन <ul style="list-style-type: none"> अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> सुनना-कविता के अंशों को सुनकर अनुशरण करना बोलना- कृतज्ञता- जापन पढ़ना- "मेरे बचपन के दिन "पाठ पठन लिखना- नाटक रचानांतरण 	<ul style="list-style-type: none"> भावात्मक प्रेम जीवन में कर्मशील बनना।
दिसम्बर	आवधिक परीक्षा-2			

महीना/ विषयवस्तु	विषय/ ऑडियो/ वीडियो	असाइनमेंट / परिचर्चा	सुनना, बोलना, पढ़ना और लिखना	जीवन कौशल / अंतर्विषयी कार्य
<p>दिसम्बर/कालांश=19</p> <p>क्षितिज (पद्य)</p> <ul style="list-style-type: none"> पाठ-17 बच्चे काम पर जा रहे हैं <p>कृतिका</p> <ul style="list-style-type: none"> पाठ -5 किस तरह आखिरकार मैं हिंदी में आया (केवल पठन हेतु) 	<ul style="list-style-type: none"> प्रश्नोत्तर ,प्रत्यय , सर्वनाम ,शब्दार्थ ज्ञान , समूह चर्चा ,शब्दों का सही उच्चारण। 	<ul style="list-style-type: none"> निम्नलिखित पाठों पर आधारित अभिहस्तांकन (असाइनमेंट) लेखन कार्य पर परिचर्चा व कॉपी में करना । <p>गद्य भाग पाठ- 9</p> <p>पद्य भाग पाठ- 10</p> <p>कृतिका पाठ-4</p> <p>व्याकरण : उपसर्ग, प्रत्यय, अलंकार, समास, अर्थ के आधार पर वाक्य भेद, औपचारिक , अनौपचारिक पत्र लेखन, संवाद, समाचार लेखन, निबंध लेखन</p> <ul style="list-style-type: none"> अंक योजना व आदर्श प्रश्नपत्र पर परिचर्चा 	<ul style="list-style-type: none"> सुनना- दो छात्रों के बीच संवाद बोलना- आशु भाषण पढ़ना- 'बच्चे काम पर जा रहे हैं' पाठ पठन लिखना- निबंध लेखन 	
जनवरी	पुनरावृत्ति (आदर्श प्रश्न-पत्र)			
फरवरी	वार्षिक परीक्षा			

Mathematics Curriculum Plan (Session: 2019-2020)

Month Topic	Sub Topic	Miscellaneous
April Topic: Real Numbers No. of Periods: 16	1. Review of representation of natural numbers, integers, rational numbers on the number line. Representation of terminating / non-terminating recurring decimals on the number line through successive magnification. Rational numbers as recurring/ terminating decimals. Operations on real numbers. 2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. 3. Definition of nth root of a real number. 4. Rationalization (with precise meaning) of real numbers of the type $\frac{1}{a+b\sqrt{x}}$ and $\frac{1}{\sqrt{x}+\sqrt{y}}$ (and their combinations) where x and y are natural number and a and b are integers. 5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> ○ Construct a square root spiral. • Assignment <ul style="list-style-type: none"> ○ Number System • Discussion of Scoring Points/ Marking Scheme/Sample Questions
Topic: Polynomials No. of Periods: 23	Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. Factorization of $ax^2 + bx + c$, $a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem. Recall of algebraic expressions and identities. Verification of identities: $(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$, $(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$, $x^3 - y^3 = (x - y)(x^2 + xy + y^2)$, $x^3 + y^3 = (x + y)(x^2 - xy + y^2)$, $x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - zx)$ and their use in factorization of polynomials.	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> ○ Verify the algebraic identity: $(a + b)^2 = a^2 + b^2 + 2ab$ • Assignment <ul style="list-style-type: none"> ○ Polynomials • Discussion of Scoring Points/ Marking Scheme/Sample Questions

Month Topic	Sub Topic	Miscellaneous
May Topic: Coordinate Geometry No. of Periods: 6	Periodic Test - 1	
Topic: Linear equations in two variables No. of periods: 14	The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the plane. Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type $ax+by+c=0$. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line. Graph of linear equations in two variables. Examples, problems from real life, including problems on Ratio and Proportion and with algebraic and graphical solutions being done simultaneously.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Coordinate Geometry • Discussion of Scoring Points/ Marking Scheme/Sample Questions
Topic: Introduction to Euclid's Geometry (not for assessment) No. of periods: 06	History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/postulates and theorems. The five postulates of Euclid. Equivalent versions of the fifth postulate. Showing the relationship between axiom and theorem, for example: (Axiom) 1. Given two distinct points, there exists one and only one line through them. (Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Introduction to Euclid's Geometry • Discussion of Scoring Points/ Marking Scheme/Sample Questions
Topic: Lines and Angles No. of periods: 13	<ol style="list-style-type: none"> 1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse. 2. (Prove) If two lines intersect, vertically opposite angles are equal. 3. (Motivate) Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines. 4. (Motivate) Lines which are parallel to a given line are parallel. 5. (Prove) The sum of the angles of a triangle is 180°. 6. (Motivate) If a side of a triangle is produced, the exterior angle so formed is equal to the sum of the two interior opposite angles. 	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> ○ Verify that the sum of all angles of a triangle is 180° • Assignment <ul style="list-style-type: none"> ○ Lines and Angles • Discussion of Scoring Points/ Marking Scheme/Sample Questions

Month Topic	Sub Topic	Miscellaneous
July Topic: Triangles No. of periods: 20	1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence). 2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence). 3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence). 4. (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence) 5. (Prove) The angles opposite to equal sides of a triangle are equal. 6. (Motivate) The sides opposite to equal angles of a triangle are equal. 7. (Motivate) Triangle inequalities and relation between 'angle and facing side' inequalities in triangles.	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> ○ Verify different criteria for congruency of triangle • Assignment <ul style="list-style-type: none"> ○ Triangles • Discussion of Scoring Points/ Marking Scheme/Sample Questions
Topic: Quadrilaterals No. of Periods: 10	1. (Prove) The diagonal divides a parallelogram into two congruent triangles. 2. (Motivate) In a parallelogram opposite sides are equal, and conversely. 3. (Motivate) In a parallelogram opposite angles are equal, and conversely. 4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal. 5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely. 6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> ○ verify that sum of opposite angles of cyclic quadrilateral is 360° • Assignment <ul style="list-style-type: none"> ○ Quadrilaterals • Discussion of Scoring Points/ Marking Scheme/Sample Questions
Topic: Area No. of Periods: 07	Review concept of area, recall area of a rectangle. 1. (Prove) Parallelograms on the same base and between the same parallels have equal area. 2. (Motivate) Triangles on the same base (or equal bases) and between the same parallels are equal in area.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Area • Discussion of Scoring Points/ Marking Scheme/Sample Questions

Month Topic	Sub Topic	Miscellaneous
August Topic: Circles No. of Periods: 15	Through examples, arrive at definition of circle and related concepts-radius, circumference, diameter, chord, arc, secant, sector, segment, subtended angle. 1. (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse. 2. (Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord. 3. (Motivate) There is one and only one circle passing through three given non-collinear points. 4. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely. 5. (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle. 6. (Motivate) Angles in the same segment of a circle are equal. 7. (Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle. 8. (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> ○ Verify that angles in the same segment are equal • Assignment <ul style="list-style-type: none"> ○ Circles • Discussion of Scoring Points/ Marking Scheme/Sample Questions
September Topic: Constructions No. of Periods: 10	Half Yearly Examination 1. Construction of bisectors of line segments and angles of measure 60° , 90° , 45° etc., equilateral triangles. 2. Construction of a triangle given its base, sum/difference of the other two sides and one base angle. 3. Construction of a triangle of given perimeter and base angles.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Constructions • Discussion of Scoring Points/ Marking Scheme/Sample Questions
October Topic: Areas No. of Periods: 04	Area of a triangle using Heron's formula (without proof) and its application in finding the area of a quadrilateral.	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> ○ Find the formula for area of trapezium • Assignment <ul style="list-style-type: none"> ○ Areas • Discussion of Scoring Points/ Marking Scheme/Sample Questions

Month Topic	Sub Topic	Miscellaneous
Topic: Surface Areas and Volumes No of periods: 12	Surface areas and volumes of cubes, cuboids, spheres (including hemispheres) and right circular cylinders/cones.	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> ○ Find the formula for finding area and volume of objects • Assignment <ul style="list-style-type: none"> ○ Surface Areas and Volumes • Discussion of Scoring Points/ Marking Scheme/Sample Questions
Topic: Statistics No of periods: 13	Introduction to Statistics: Collection of data, presentation of data — tabular form, ungrouped / grouped, bar graphs, histograms (with varying base lengths), frequency polygons. Mean, median and mode of ungrouped data.	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> ○ Draw histogram for classes of equal widths and varying widths • Assignment <ul style="list-style-type: none"> ○ Statistics • Discussion of Scoring Points/ Marking Scheme/Sample Questions
November Topic: Probability No of periods: 09	History, Repeated experiments and observed frequency approach to probability. Focus is on empirical probability. (A large amount of time to be devoted to group and to individual activities to motivate the concept; the experiments to be drawn from real – life situations, and from examples used in the chapter on statistics).	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Probability • Discussion of Scoring Points/ Marking Scheme/Sample Questions
December	Periodic Test - 2	
January	Revision	
February	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: Matter in our surroundings No. of Periods: 12	Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state-melting (absorption of heat), freezing, evaporation, condensation, sublimation.	Videos to show the difference between three states of matter, latent heat of fusion and vaporisation and sublimation process.	Interdisciplinary Linkage: Maths Diagrams: Fig 1.5, 1.6, 1.7, 1.9. (NCERT) Art Integration: Drawing figure of states of matter, conversion of ice to water, (b) conversion of water to water vapour, sublimation of ammonium chloride, interconversion of the three states of matter.	Determination of the melting point of ice and the boiling point of water	1. Assignment on Matter in our surroundings 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Is matter around us pure? No. of Periods: 15	Nature of matter: Elements, compounds and mixtures, solution, colloids and suspension, Heterogeneous and Homogenous mixtures.	Videos to show the difference between mixture and compounds, types of solutions, Various techniques to separate components of a mixture.	Interdisciplinary Linkage: Maths, Life Sciences Diagrams: Fig 2.2, 2.3, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10 (NCERT) Art Integration: Drawing figures of Sublimation, evaporation, chromatography, Fractional distillation.	1. Preparation of a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of • transparency • filtration criterion • stability 2. Preparation of a) A mixture b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of: (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet	1. Assignment on Is matter around us pure? 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
				(iii) behaviour towards carbon disulphide as a solvent (iv) effect of heat 3. Separation of the components of a mixture of sand, common salt and ammonium 4. Perform the following reactions and classify them as physical or chemical changes: a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water	
May Topic: Atoms & Molecules No. of Periods: 12	Periodic Test - 1				
	Particle nature, basic units: Atoms and molecules. Law of conservation of mass, Law of constant proportion, atomic and molecular masses. Chemical formulae, ions and their types, atomic mass unit and mole concept, Dalton's Atomic theory. Valency, relationship of mole to mass of the particles and numbers.	Videos to Show the different postulates of Dalton Atomic theory, Law of conservation of mass.	Interdisciplinary Linkage: Maths Diagrams: Fig 3.1, 3.5 (NCERT) Art Integration: Drawing the concept map to understand relationship between mole, Avogadro number and mass.	Verification of the Law of Conservation of mass in a chemical reaction.	1. Assignment on Atoms & Molecules 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: Structure of Atom No. of Periods: 13	Electrons, protons and neutron, Various models of atoms like (a) Thomson's model of atom (b) Rutherford's model of an atom (c) Bohr's model of an atom. Electronic configuration, Valency, atomic number, atomic mass and isobars and isotopes.	Videos to show Various model of atoms like (a) Thomson's model of atom (b) Rutherford's model of an atom (c) Bohr's model of an atom.	Interdisciplinary Linkage: Maths Diagrams: Fig 4.4, 4.2, 4.3, 4.4 (NCERT) Art Integration: Drawing the diagrams of the various atomic models: J.J. Thomson atomic model, Rutherford's Atomic model, Neil Bohr Atomic model.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Structure of Atom 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
July Topic: Cell- The fundamental unit of life. No. of Periods: 10	Cell - basic unit of life: prokaryotic and eukaryotic cells, multicellular organisms, cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus, nucleus, chromosome basic structure, number.	Videos to show the difference between Prokaryotic and eukaryotic cells, difference between plants and animal cell.	Diagrams: Fig 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8 (NCERT) Art Integration: Drawing figures of Compound Microscope, Cells of an onion peel, various cells from the human body, Prokaryotic cell, Animal cell, Plant cell, Mitosis and Meiosis.	1. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells and to record observations and draw their labelled diagrams.	1. Assignment on Cell - The fundamental unit of life. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Tissues No. of Periods: 10	Structure and functions of animal and plant tissues (only four types in animals; Meristematic and Permanent tissues in plants.	Videos to show different types of tissue i.e., simple and complex tissue.	Mind Maps: Concept maps to show the different type of tissues. Diagrams: Fig 6.2, 6.3, 6.4, 6.7, 6.8, 6.9, 6.10, 6.11, 6.12 (NCERT) Art Integration: Drawing the diagrams Neuron, Location of meristematic tissue in plant body, Section of a stem, Various types of simple tissue (Parenchyma, Collenchyma and Sclerenchyma), types of complex tissue, different types of epithelial tissues.	Identification of Parenchyma, collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibres and nerve cells in animals, from prepared slides. Draw their labelled diagrams.	1. Assignment on Tissues. 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
August Topic: Diversity in living organisms No. of Periods: 15	Diversity of plants and animals-basic issues in scientific naming, basis of classification. Hierarchy of categories /groups. Major groups of plants (salient features) (Bacteria, Thallophyta, Bryophyta, Pteridophyta, Gymnosperm, Angiosperm). Major group of animals (salient features) (Non-chordates up to phyla and Chordates up to classes.	Video to show five kingdom classification and characteristic s of different Kingdoms.	Interdisciplinary Linkages: Maths Diagrams: Fig 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.1, 7.12, 7.13, 7.14, 7.15, 7.16, 7.17, 7.18, 7.19, 7.20, 7.27. (NCERT) Art Integration: Drawing figures of Monera, Porifera, Fungi, Five kingdom classification, Thallophyta, Pteridophyta, Gymnosperms, Classification of Plants, Porifera, Coelenterata, Platyhelminthes, Nematoda, Arthropoda, Molluscas, Protochordata.	1. Study of the characteristics of Spirogyra, Agaricus, Moss, Fern, Pinus (either with male or female cone) and an Angiospermic plant. Draw and give two identifying features of the groups they belong to. 2. Observe the given pictures/ charts/ models of earthworm, cockroach, bony fish and bird. For each organism, draw their picture and record: a) one specific feature of its phylum. b) one adaptive feature with reference to its habitat. 3. Study of the external features of root, stem, leaf and flower of monocot and dicot plants.	1. Assignment on Diversity in living organisms. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Motion No. of Periods: 12	Concept of Distance and Displacement, velocity, uniform and non-uniform motion along a straight line, Concept of speed, velocity, acceleration, velocity time graph for uniform motion and uniformly accelerated motion, Derivation of equations of motion, Elementary idea of uniform circular motion.	Videos to show the concept of distance, displacement , uniform and non-uniform motion.	Interdisciplinary Linkages: Maths Diagrams: Fig 8.3, 8.4, 8.5, 8.6, 8.7, 8.8. (NCERT) Art Integration: Drawing graphs to show distance time graph of an object moving with uniform speed, Distance-time graph for a car moving with non-uniform speed, Velocity-time graph for uniform motion, velocity-time graph for a car moving with uniform acceleration, velocity-time graph of an object in a non- uniform acceleration.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Motion. 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
Half Yearly Examination					
September Topic: Force and Laws of Motion No. of Periods: 12	Concept of Force and Motion, Newton's Laws of Motion, Concept of Inertia, Mass, Concept of Momentum, Conservation of Momentum, Concept of action and reaction force.	Videos to show the concept of Newton's law of motion, law of conservation of Mass.	Interdisciplinary Linkages: Maths Diagrams: Fig 9.4, 9.7, 9.10, 9.14. (NCERT) Art Integration: Drawing figure of show the difference between balanced and unbalanced force, law of conservation of mass.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Force and Laws of Motion 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
October Topic: Gravitation No. of Periods: 12	Universal law of gravitation, Force of Gravitation of Earth, Concept of Acceleration due to Gravity, Concept of Mass, Weight and free fall Concept of thrust and pressure, Archimedes' Principle, Concept of buoyancy, Concept of Density, Concept of Relative Density	Videos to show concept of Universal law of Gravitation, Weight and Mass, Archimedes' Principle, Concept of buoyancy, Concept of Density, Concept of Relative Density.	Interdisciplinary Linkages Maths Diagrams: Fig 10.2, 10.5, (NCERT)	1. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. 2. Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.	1. Assignment on Gravitation 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Work, Energy & Power No. of Periods: 12	Concept of work done by a force, energy, Kinetic and Potential energy, Law of conservation of energy, Introduction to power Commercial unit of Energy	Videos to show the concept of Kinetic Energy, potential energy and law of conservation of energy.	Interdisciplinary Linkages: Maths Diagrams: Fig 11.7, 11.8. Art Integration: Drawing figures to show potential energy of an on object.	Discussion of Practical based Questions and revision of practicals.	1. Assignment on Work, Energy & Power 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
November Topic: Sound No. of Periods: 12	Nature and propagation in various media, Speed of sound, Concept of range of hearing in humans, Concept and uses of ultra sound, Reflection of sound echo and SONAR, Function & Working of Human Ear.	Videos to show working of Human Ear, and Characteristics of Sound.	Interdisciplinary Linkages: Maths Diagrams: Fig 12.1, 12.6, 12.7, 12.8, 12.9, 12.11, 12.15, 12.16, 12.17, 12.19. Art Integration: Drawing diagrams of Human Ear, Meghaphone, Reflection of sound, Bell experiment.	1. Verification of the Laws of reflection of sound. 2. Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).	1. Assignment on Sound. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Why do we fall ill? No. of Periods: 10	Health and its failure. Infectious and non-infectious diseases, their causes and manifestation. Diseases caused by microbes (Virus, Bacteria, and Protozoans) and their prevention. Principle of treatment and prevention, Pulse Polio programs	Videos to show concept of immunization, difference between infectious and non-infectious diseases.	Mind Map: Concept map to show various diseases caused by different agents. Art Integration: Drawing figures to show water harvesting.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Why do we fall ill. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Natural Resources No. of Periods: 15	Physical resources: Air, water, Soil. Air for respiration, for combustion, for moderating temperatures, movement of air and its role in bringing rains across India. Air, water and soil pollution. Holes in ozone layer and the probable damages. Biogeochemical cycle in nature: water, oxygen, carbon, nitrogen	Videos to show different Biogeochemical cycles.	Diagrams: Fig 14.5, 14.6, 14.7, 14.8. Art Integration: Drawing figures to show water cycle, Nitrogen cycle, Carbon cycle, Oxygen cycle.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Natural Resources. 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
December Topic:	Periodic Test – 2				
Improvement in Food Resources No. of Periods: 10	Plant and animal breeding and selection for quality improvement and management, use of fertilizers, manures protection from pests and diseases: organic farming	Videos to show Organic farming, difference between manure and fertilizers.	Art Integration: Drawing figures to show different types of Crops.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Improvements in Food Resources. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
January	Revision				
February	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: India – Size and Location No. of Periods: 9	<ul style="list-style-type: none"> • Location • Size • India and the World • India’s Neighbours 	<ul style="list-style-type: none"> • Identify the location of India in the Indian subcontinent 	Video <ul style="list-style-type: none"> • India – Size and Location 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ India – Size and Location ○ What is Democracy? Why Democracy? ○ The story of village Palampur • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking, Decision Making, Effective communication • Art Integration <ul style="list-style-type: none"> ○ Map work on longitude and latitude of India, Discussion on Ancient Silk route and Sea route • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Mathematics
Topic: What is Democracy? Why Democracy? No. of Periods: 10	<ul style="list-style-type: none"> • What is Democracy? • Features of Democracy • Why Democracy? • Broader meaning of Democracy 	<ul style="list-style-type: none"> • Develop conceptual skills of defining democracy. • Understand how different historical processes and forces have promoted democracy. • Develop a sophisticated defense of democracy against common prejudices. • Develop a historical sense of the choice and nature of democracy in India. 	Video <ul style="list-style-type: none"> • What is Democracy? Why Democracy? 	<ul style="list-style-type: none"> • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking, Problem solving, Decision Making • Art Integration <ul style="list-style-type: none"> ○ Debate on ‘whether democracy is the best form of government or not’ • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History
Topic: The story of village Palampur No. of Periods: 10	<ul style="list-style-type: none"> • Overview • Organization of production • Farming in Palampur • Non-farm activities of Palampur 	<ul style="list-style-type: none"> • Familiarize with basic economic concepts through an imaginary story of a village. 	Video <ul style="list-style-type: none"> • The story of village Palampur 	<ul style="list-style-type: none"> • Project <ul style="list-style-type: none"> ○ Topic selection 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking, Problem solving, Decision Making • Art Integration <ul style="list-style-type: none"> ○ Discussion on the conditions of farmers and farm labourer in India • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Geography

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
May	Periodic Test - 1				
Topic: Physical Features of India No. of Periods: 09	<ul style="list-style-type: none"> Major Physiographic Divisions The Himalayan Mountains The Northern Plains The Peninsular Plateau The Indian Desert The coastal Plains The Islands 	<ul style="list-style-type: none"> Understand the major landform features and the underlying geological structure; their association with various rocks and minerals as well as nature of soil types. 	Video <ul style="list-style-type: none"> Physical features of India 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Physical Features of India Constitutional Design The French Revolution 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Logical thinking, Problem solving, Decision Making Art Integration <ul style="list-style-type: none"> Map work of physical features of India Interdisciplinary Linkages <ul style="list-style-type: none"> History
Topic: Constitutional Design No. of Periods: 10	<ul style="list-style-type: none"> Democratic Constitution in South Africa Why do we need a Constitution? Making of the Indian Constitution Guiding Values of the Indian Constitution 	<ul style="list-style-type: none"> Understand the process of Constitution making. Develop respect for the Constitution and appreciation for Constitutional values. Recognize Constitution as a dynamic and living document. 	Video <ul style="list-style-type: none"> Constitution making of India 	<ul style="list-style-type: none"> 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, Logical thinking, Problem solving, Decision Making, Effective communication Art Integration <ul style="list-style-type: none"> Debate on the Institutional arrangement in Constitution Interdisciplinary Linkages <ul style="list-style-type: none"> History, Sociology
July Topic: The French Revolution No. of Periods: 15	<ul style="list-style-type: none"> French Society During the Late Eighteenth Century The Outbreak of the Revolution France Abolishes Monarchy and Becomes a Republic Did Women have a Revolution? The Abolition of Slavery The Revolution and Everyday Life 	<ul style="list-style-type: none"> Familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it. Know the use of written, oral and visual material to recover the history of revolutions. 	Video <ul style="list-style-type: none"> The French Revolution 		<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Creative thinking, Logical thinking, Problem solving, Decision Making Art Integration <ul style="list-style-type: none"> Discussion on 'Impact of the French Revolution on the contemporary world' Interdisciplinary Linkages <ul style="list-style-type: none"> History, Sociology, Geography

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Electoral Politics No. of Periods: 10	<ul style="list-style-type: none"> • Why Elections? • What is our System of Elections? • What makes elections in India democratic? 	<ul style="list-style-type: none"> • Understand representative democracy via competitive party politics. • Familiarize with Indian electoral system. • Reason out for the adoption of present Indian Electoral System. • Develop an appreciation of citizen's increased participation in electoral politics. • Recognize the significance of the Election Commission. 	Video <ul style="list-style-type: none"> • Election process in India • Various phases of election in India 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Electoral Politics ○ Drainage • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ First Draft 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking, Problem solving, Decision Making, Self - Awareness, Empathy • Art Integration <ul style="list-style-type: none"> ○ Debate on 'Challenges to conduct free and fair elections in India' • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Economics
Topic: Drainage No. of Periods: 09	<ul style="list-style-type: none"> • Major rivers and tributaries • Lakes • Role of rivers in the economy • Pollution of rivers 	<ul style="list-style-type: none"> • Identify the river systems of the country and explain the role of rivers in the human society. 	Video <ul style="list-style-type: none"> • Drainage 		<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking, Problem solving, Decision Making • Art Integration <ul style="list-style-type: none"> ○ Map work of the rivers of India • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History
August Topic: Socialism in Europe and the Russian Revolution No. of Periods: 15	<ul style="list-style-type: none"> • The Age of Social Change • The Russian Revolution • The February Revolution in Petrograd • What Changed after October? • The Global Influence of the Russian Revolution and the USSR 	<ul style="list-style-type: none"> • Explore the history of socialism through the study of Russian Revolution. • Familiarize with the different types of ideas that inspired the revolution. 	Video <ul style="list-style-type: none"> • The Russian Revolution 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Socialism in Europe and the Russian Revolution • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking, Problem solving, Decision Making • Art Integration <ul style="list-style-type: none"> ○ Debate and discussion Socialism versus Capitalism • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ Political Science, Geography

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: People as Resource No. of Periods: 12	<ul style="list-style-type: none"> • Overview • Economic activities by men and women • Quality of Population • Unemployment 	<ul style="list-style-type: none"> • Understand the demographic concepts • Understand how population can be as asset or a liability for the nation. 	Video <ul style="list-style-type: none"> • People as Resource 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ People as Resource • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ First Draft 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Logical thinking, Problem solving, Decision Making, Empathy • Art Integration <ul style="list-style-type: none"> ○ Discussion on the importance of health and education in formation of human resource • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology
September Topic: Working of Institutions No. of Periods: 10	Half Yearly Examination				
	<ul style="list-style-type: none"> • How is the major policy decision taken? • Parliament • Political Executive • Judiciary 	<ul style="list-style-type: none"> • Get an overview of central governmental structures. • Identify the role of Parliament and its procedures. • Distinguish between political and permanent executive authorities and functions. • Understand the parliamentary system of executive's accountability to the legislature. • Understand the working of Indian Judiciary. 	Video <ul style="list-style-type: none"> • The Parliament • The Executive 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Working of Institutions ○ Nazism and the Rise of Hitler • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Logical thinking, Decision Making, Self Awareness, Empathy, Interpersonal Relationship • Art Integration <ul style="list-style-type: none"> ○ Discussion on powers and function of Parliament • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology
October Topic: Nazism and the Rise of Hitler No. of Periods: 15	<ul style="list-style-type: none"> • Birth of the Weimar Republic • Hitler's Rise to Power • The Nazi Worldview • Youth in Nazi Germany • Ordinary People and the Crimes Against Humanity 	<ul style="list-style-type: none"> • Discuss the critical significance of Nazism in shaping the politics of modern world. • Get familiarized with the speeches and writings of Nazi Leaders. 	Video <ul style="list-style-type: none"> • Nazism and the rise of Hitler 		<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Logical thinking, Problem solving, Decision Making, Sense of Inquiry • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ Political Science, Sociology

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Climate No. of Periods: 09	<ul style="list-style-type: none"> • Concept • Climatic Controls • Factors influencing India's climate • The Indian Monsoon • Distribution of Rainfall • Monsoon as a unifying bond 	<ul style="list-style-type: none"> • Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of the people. • Explain the importance and unifying role of monsoons. 	Video <ul style="list-style-type: none"> • Climate 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Climate • 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"> ○ Logical thinking, Problem solving, Decision Making • Art Integration <ul style="list-style-type: none"> ○ Map work on Rainfall in India and seasons • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Economics
November Topic: Forest Society and Colonialism No. of Periods: 15	<ul style="list-style-type: none"> • Why Deforestation? • The Rise of Commercial Forestry • Rebellion in the Forest • Forest Transformations in Java 	<ul style="list-style-type: none"> • Discuss the social and cultural world of forest communities through the study of specific revolts. • Understand how oral traditions can be used to explore tribal revolts. 	Video <ul style="list-style-type: none"> • Forest society and Colonialism 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Forest Society and Colonialism ○ Democratic Rights • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Decision Making, Self Awareness, Empathy • Art Integration <ul style="list-style-type: none"> ○ Debate on 'Colonial forest laws and deforestation in India' • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ Geography, Sociology
Topic: Democratic Rights No. of Periods: 10	<ul style="list-style-type: none"> • Life without rights • Rights in a Democracy • Rights in the Indian Constitution • Expanding the scope of rights 	<ul style="list-style-type: none"> • Recognize the need for rights in one's life. • Understand the availability /access of rights in a democratic system/government. • Identify and be able to comprehend the Fundamental Rights given by the Indian Constitution to its citizens. • Create awareness regarding the process of safeguarding rights. 	Video <ul style="list-style-type: none"> • Fundamental Rights 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Forest Society and Colonialism ○ Democratic Rights • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Logical thinking, Self Awareness, Empathy, Decision making • Art Integration <ul style="list-style-type: none"> ○ Discussion on the expanding scope of rights • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Poverty as a Challenge No. of Periods: 12	<ul style="list-style-type: none"> Two typical cases of poverty Poverty as seen by Social Scientists Poverty Estimates Vulnerable Groups Interstate disparities Global Poverty Scenario Causes of Poverty Anti-poverty measures The Challenges Ahead 	<ul style="list-style-type: none"> Understand poverty as a challenge. Identify vulnerable group and interstate disparities Appreciate the initiatives of the government to alleviate poverty. 	Video <ul style="list-style-type: none"> Poverty in India – Causes and Alleviation 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Poverty as a Challenge Timeline/ Concept Mapping Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Problem solving, Decision Making, Empathy, Managing Emotions Art Integration <ul style="list-style-type: none"> Debate on current government’s poverty alleviation programmes Interdisciplinary Linkages <ul style="list-style-type: none"> History, Sociology
December Topic: Natural Vegetation and Wild Life No. of Periods: 09	Periodic Test - 2				
	<ul style="list-style-type: none"> Factors affecting Vegetation Vegetation types Wild Life Conservation 	<ul style="list-style-type: none"> Explain the nature of diverse flora and fauna as well as their distribution. Develop concern about the need to protect the biodiversity of our country. 	Video <ul style="list-style-type: none"> Natural vegetation and wildlife 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Natural Vegetation and Wild Life Population 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"> Critical thinking, Problem solving, Decision Making, Empathy, Self- Awareness Art Integration <ul style="list-style-type: none"> Make a list of endangered species of wildlife and make a presentation on ways of conserving them Interdisciplinary Linkages <ul style="list-style-type: none"> History, Sociology, Economics
Topic: Population No. of Periods: 09	<ul style="list-style-type: none"> Size Distribution Population Growth and Process of Population Change 	<ul style="list-style-type: none"> Analyse the uneven nature of population distribution and show concern about the large size of our population. Identify the different occupations of people and explain various factors of population change. Explain various dimensions of National Population Policy and understand the 	Video <ul style="list-style-type: none"> Population of India 		<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Problem solving, Decision Making, Interpersonal Relationship Art Integration <ul style="list-style-type: none"> Discussion on how to convert India’s population into resource

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
		needs of adolescents as underserved group.			<ul style="list-style-type: none"> • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology
Topic: Food Security in India No. of Periods: 10	<ul style="list-style-type: none"> • Overview • What is Food Security? • Why Food Security? • Who are food insecure? • Food Security in India • What is Buffer Stock? • What is the Public Distribution System? • Current Status of Public Distribution System 	<ul style="list-style-type: none"> • Understand the concept of food security • Appreciate and analyse the role of government in ensuring food supply. 	Video <ul style="list-style-type: none"> • Food security in India 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Food Security in India • 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"> ○ Critical thinking, Problem solving, Decision Making, Interpersonal Relationship • Art Integration <ul style="list-style-type: none"> ○ Discussion on ways of ensuring food security in India • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Political Science
January	Revision				
February	Annual Examination				

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

Month Topic	Theory	Practical	Project
April Topic: Basics of Information Technology No. of Periods: 4	<ul style="list-style-type: none"> • Basics of computers • Design of computers • Overview of communication technologies • Characteristics of a computer • components of a computer system– CPU, memory, storage devices and I/O devices • Memory: primary (RAM and ROM) and secondary memory • Storage devices: hard disk, CD ROM, DVD, pen/flash drive, memory stick • I/O devices: keyboard, mouse, monitor, printer, scanner, web camera • Types of software: system software, application software, mobile applications • Operating systems: kernel, device drivers, and file systems (very basic idea) • Computer networking: wired/wireless communication, common protocols: Wi-Fi, Bluetooth, cloud computers (private/public) • Multimedia: images, audio, video, animation, chat sites and social networks 	<ul style="list-style-type: none"> • Lab Exercise given on page no. 44 and 109 related to identifying Input, Output and Storage Devices. What are the different software available in Computer Lab and what are their uses in our daily life. 	<ul style="list-style-type: none"> • Find out about models of tablets available in the market. Collect information related to any five of them and compare their features. • Collect information about 5 latest high-level programming languages and Application Software.
May	Periodic Test - 1		
July Topic: Cyber-safety No. of Periods: 4	<ul style="list-style-type: none"> • Safely browsing the web and using social networks: identity protection, proper usage of passwords, privacy, confidentiality of information, cyber stalking, reporting cybercrimes • Safely accessing websites: viruses and malware 	<ul style="list-style-type: none"> • Lab Exercise given on page no. 148 related to blocking Ads on a website. 	

Month Topic	Theory	Practical	Project
August Topic: Office tools No. of Periods: 4	<ul style="list-style-type: none"> • Introduction to a word processor: create and save a document • Edit and format text: text style (B, I, U), font type, font size, text colour, alignment of text. Format paragraphs with line and/or paragraph spacing. Add headers and footers, numbering pages, grammar and spell check utilities, subscript, and superscript, insert symbols and use of print preview and print a document. • Insert pictures, change the page setting, add bullets and numbering, borders and shading, and insert tables – insert / delete rows and columns, merge and split cells. • Use auto-format, track changes, review comments, use of drawing tools, shapes and mathematical symbols. 	<ul style="list-style-type: none"> • Lab Exercise given on page no. 184 related to creating a report and greeting letter in MS Word. 	<ul style="list-style-type: none"> • Project details are given on page no. 189 related to creating a poster on Environment in MS Word.
September Topic: Office tools Presentation tool No. of Periods: 4	Half Yearly Examination		
	<ul style="list-style-type: none"> • Understand the concept of slide shows, basic elements of a slide, different types of slide layouts create and save a presentation, and learn about the different views of a slide set – normal view, slide sorter view and hand-outs. • Edit and format a slide: add titles, subtitles, text, background, and watermark, headers and footers, and slide numbers. • Insert pictures from files, create animations, add sound effects, and rehearse timings. 	<ul style="list-style-type: none"> • Presentation on diversity in Living Organisms 	<ul style="list-style-type: none"> • Presentation on "Is matter around us pure?"
October Topic: Office tools Spreadsheets No. of Periods: 4	<ul style="list-style-type: none"> • Concept of a worksheet and a workbook, create and save a worksheet. • Enter numbers, text, date/time, series using auto fill; edit and format a worksheet including changing the colour, size, font, alignment of text, insert and delete cells, rows and columns. Enter a formula using the operators (+, -, *, /), refer to cells, and print a worksheet. • Use simple statistical functions: SUM (), AVERAGE (), MAX (), MIN (), IF () • Compound statements, embedded charts of various types: line, pie, scatter, bar and area in a worksheet. 	<ul style="list-style-type: none"> • Lab activities given on page no. 260 and 261 related to creating Pie Chart and Line Chart of the given data. 	

Month Topic	Theory	Practical	Project
November Topic: Scratch No. of Periods: 4	<ul style="list-style-type: none"> • Introduction to Scratch. • Drag and drop commands, creating simple scripts, repeating blocks of commands 	<ul style="list-style-type: none"> • Lab Activities are given on page no. 283 related to animating letters of a word using multiple backdrops. 	
December	Periodic Test - 2		
January Topic: Scratch No. of Periods: 2	<ul style="list-style-type: none"> • Discuss x-y plane, create scripts to move the cat (Scratch mascot). • Create a script to draw diagrams using the pen feature. 		<ul style="list-style-type: none"> • Create a cat flying on an airplane using script.
February	Annual Examination		

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