

ANNUAL
CURRICULUM
PLAN

CLASS XI ARTS
(SESSION: 2019-20)

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

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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	* subject to change as per Govt. Instructions
					Anti Tobacco Day	

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	
					Kargil Victory Day	World Nature Conservation Day
28	29	30	31			
	Investiture Ceremony		Parent Teacher Meeting			

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
11	12 Holiday (Id-Ul-Zuha)	13	14	15 Holiday (Independence Day & Rakshabandhan)	16	17 Inter House Basketball Match
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 Second Saturday
15	16	17 Culmination of Half Yearly Exam.	18	19	20	21
22	23	24	25	26	27	28 Inter House Badminton Match
29 World Book Day	30 Parent Teacher Meeting				World Tourism Day	

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 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	22 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
4	5	6	7	8 1	9 2	10 3 *Culmination of Winter Break
11	12	13	14	15 8	16 9	17 10 11 Holiday for students on account of 2 nd Saturday
18	19 Sonal Vaisakha EDay	20 13	21 14	22 15 Holiday (Makar Sankranti)	23 16 17 Commencement of Pre-Board Exam. of Class XII	
24	25	26	27	28	29	30 24 25 Culmination of Pre-Board Exam. of Class XII Republic Day Celebrations Farewell to Class XII
31	1	2	3	4	5	6 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
7	8	9	10	11	12	1 Commencement of Board Practicals of Class XII
14	15 Commencement of Annual Exam. of class IX & XI	16	17	18	19	8 Holiday for students on account of 2 nd Saturday
21	22	23	24	25	26	14 Culmination of Annual Exam. of class IX
28	29	30	1	2	3	15 Culmination of Annual Exam. of class XI
5	6	7	8	9	10	21 Holiday (Mahashivratri)
12	13	14	15	16	17	22 National Science Day
19	20	21	22	23	24	28 Parent Teacher Meeting

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

TEST SCHEDULE

Periodic Test 1	Subject
10.05.2019 (Friday)	Political Science
13.05.2019 (Monday)	Economics
14.05.2019 (Tuesday)	Mathematics
15.05.2019 (Wednesday)	History
16.05.2019 (Thursday)	Computer Science / Physical Education
17.05.2019 (Friday)	English

Half Yearly Exam.	Subject
06.09.2019 (Friday)	<i>Physical Edu. Practical</i>
07.09.2019 (Saturday)	<i>Economics Practical</i>
09.09.2019 (Monday)	Political Science
11.09.2019 (Wednesday)	Mathematics
12.09.2019 (Thursday)	English
13.09.2019 (Friday)	Economics
16.09.2019 (Monday)	History
17.09.2019 (Tuesday)	Computer Science / Physical Education
18.09.2019 (Wednesday)	<i>Computer Science Practical</i>

TEST SCHEDULE

Periodic Test 2	Subject
06.12.2019 (Friday)	<i>Computer Sc. Practical</i>
09.12.2019 (Monday)	Political Science
10.12.2019 (Tuesday)	English
12.12.2019 (Thursday)	Computer Sc. / Physical Education
13.12.2019 (Friday)	Economics
16.12.2019 (Monday)	Mathematics
17.12.2019 (Tuesday)	History
18.12.2019 (Wednesday)	<i>Economics Practical</i>
19.12.2019 (Thursday)	<i>Physical Edu. Practical</i>

Annual Exam.	Subject
03.02.2020 (Monday)	English
05.02.2020 (Wednesday)	Political Science
07.02.2020 (Friday)	Economics
10.02.2020 (Monday)	Mathematics
12.02.2020 (Wednesday)	Computer Sc. / Physical Education
14.02.2020 (Friday)	History
17.02.2020 (Monday)	<i>Economics Practical</i>
18.02.2020 (Tuesday)	<i>Computer Sc. / Physical Edu. Practical</i>

**Curriculum Plan of English Core
(Session: 2019-2020)**

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
April Topic: The Portrait of a Lady No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Portrait of a Lady • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Short review/ dramatization of the story	Selflessness, Kindness, Respect & Acceptance.
Topic: A Photograph No. of Periods: 05	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on: A Photograph • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Critical evaluation of the theme conveyed by the poet	Transience of human life, death, and mysteries surrounding them.
Topic: The Summer of the Beautiful White Horse No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Summer of the Beautiful White Horse • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Extrapolating the story read or life of characters after the story ends/ defending the characters' actions in the story	Truthfulness, Pure Conscience & Integrity.
May	Periodic Test - 1			
Topic: We're Not Afraid to Die...If We Can All Be Together No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on We're Not Afraid to Die...If we Can All Be Together. • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Comparing and contrasting the characters within the story and with other characters in stories by the same author or by the other authors	Virtue of courage, optimism & togetherness in the face of adversity.
Topic: The Laburnum Top No. of Periods: 06	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on The Laburnum Top • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Commentary on the central idea conveyed through the poem	Challenges of life.

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: The Address No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Address • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Silent reading of prescribed/ selected texts for comprehension	Destruction, pain & loss of lives caused by War.
Topic: Writing Section No. of Periods: 04	Notice Writing, Formal Letter – Letter to the Editor	<ul style="list-style-type: none"> • Assignment on Notice & Letter • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Write notices & letters for school events/processes to develop writing skills.	Art of writing & clarity of thoughts.
July Topic: Discovering Tut: the Saga Continues No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Discovering Tut: the Saga Continues • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Language learning activities such as role-play, dramatization, group discussion, writing, etc.	Mystery surrounding the life and death of Egyptian ruler Tutankhamun.
Topic: The Voice of the Rain No. of Periods: 06	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on The Voice of the Rain • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Silent reading of prescribed/ selected texts for comprehension	Rain and its natural-cycle for the benefit of earth and the life it supports
Topic: Albert Einstein at School No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Albert Einstein at School • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Encouraging students to role- play as various characters to interact with one another	Unconventional education system.
Topic: Writing Section No. of Periods: 03	Article Writing	<ul style="list-style-type: none"> • Assignment on Article • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Express opinions, facts & arguments	Art of writing & clarity of thoughts
August Topic: Landscape of the Soul No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Landscape of the Soul • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Critical evaluation of the plot, storyline and characters	Study of European and Chinese paintings & subtleties of reality and art.
Topic: Childhood No. of Periods: 06	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on Childhood • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Appreciating the idea conveyed through the poem.	Innocence of Childhood and rationality & hypocrisy of adulthood.

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Ranga’s Marriage No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Ranga’s Marriage • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Group and pair activities like group discussion etc.	Conflict between tradition & modernity.
Topic: Writing Section No. of Periods: 03	Advertisements, Debate Writing	<ul style="list-style-type: none"> • Assignment on Debate • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Express opinions, facts, arguments in the form of a debate	Art of writing & clarity of thoughts
Topic: Reading Section No. of Periods: 02	Unseen Passage (Note Making)	<ul style="list-style-type: none"> • Assignment on Reading Comprehension • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Reading of prescribed/selected text for comprehension	Skill of Reading & Comprehension
September	Half Yearly Examination and ASL			
October Topic: The Ailing Planet - The Green Movement’s Role No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Ailing Planet- The Green Movement’s Role • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	Role playing as authors/ poets/ dramatists to defend their works and characters	Man’s greed & exploitation of earth’s resources.
Topic: Mother’s Day No. of Periods: 06	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on Mother’s Day • Discussion of Scoring Points/Marking Scheme/Sample Questions 	General discussion of the theme conveyed by the poet	Status of women in a household and her love, devotion & sincerity towards the members of her family.
Topic: The Browning Version No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Browning Version • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Dramatizing incidents from the story	National identity of a person.
Topic: Writing Section No. of Periods: 02	Speech Writing	<ul style="list-style-type: none"> • Assignment on Speech • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Develop writing skills & creativity in students.	Art of writing & clarity of thoughts

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Reading Section No. of Periods: 02	Unseen Passage (Note Making)	<ul style="list-style-type: none"> • Assignment on Reading Comprehension • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Reading of prescribed/ selected text for comprehension	Skill of Reading & Comprehension
November Topic: The Adventure No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Adventure • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Critical evaluation of the plot, storyline and characters	History of British India.
Topic: Father to Son No. of Periods: 06	Poetic Appreciation Rhyme Scheme Poetic Devices Central Idea	<ul style="list-style-type: none"> • Assignment on Father to Son • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Extrapolating the theme conveyed by the poet	Generation gap and lack of communication
Topic: Birth No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Birth • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Making an audio story out of the text to be read aloud	Significance of Call of Duty in one's life.
Topic: Writing Section No. of Periods: 02	Report Writing	<ul style="list-style-type: none"> • Assignment on Report • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Express opinions, facts, arguments in the form of a report	Art of writing & clarity of thoughts
December Topic: Silk Road No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Silk Road • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Short review/ dramatization of the story	Ancient trade routes
Topic: The Tale of Melon City No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on The Tale of Melon City • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Critical evaluation of the theme conveyed by the poet	Ancient system of Kingdom rule.

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Ghat of the Only World No. of Periods: 06	Understanding the Genre Literary appreciation Central Idea Plot, Protagonists, Characters	<ul style="list-style-type: none"> • Assignment on Ghat of the Only World • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Extrapolating the story read or life of characters after the story ends/ defending the characters' actions in the story	Friendship & Commitment
Topic: Writing Section No. of Periods: 02	Poster Making	<ul style="list-style-type: none"> • Assignment on Poster • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Develop writing skills & creativity in students.	Art of writing & clarity of thoughts
Topic: Reading Section No. of Periods: 02	Unseen Passage (Note Making)	<ul style="list-style-type: none"> • Assignment on Reading Comprehension • Discussion of Scoring Points/Marking Scheme/Sample Questions 	Reading of prescribed/selected text for comprehension	Skill of Reading & Comprehension
December	Periodic Test – 2			
January	Revision & Practice			
February	Annual Examination and ASL			

EXAMINATION SYLLABUS

Sr. No.	Examination	Syllabus		
		Hornbill	Snapshots	Grammar
1	Periodic Test 1	<ul style="list-style-type: none"> • The Portrait of a Lady • A Photograph 	<ul style="list-style-type: none"> • The Summer of the Beautiful White Horse 	Writing Skills <ul style="list-style-type: none"> • Informal Letter • Notice
2	Half Yearly Examination	<ul style="list-style-type: none"> • The Portrait of a Lady • A Photograph • We're Not Afraid to die... If We Can All Be Together • Discovering Tut: the Saga Continues • Childhood • The Voice of the Rain • Landscape of the Soul 	<ul style="list-style-type: none"> • The Summer of the Beautiful White Horse • The Address • Ranga's Marriage • The Laburnum Top • Albert Einstein at School 	Writing Skills <ul style="list-style-type: none"> • Formal Letter • Notice • Advertisements • Article • Speech • Debate Reading Skills <ul style="list-style-type: none"> • Unseen Passage • Note Making
3	Periodic Test 2	<ul style="list-style-type: none"> • The Portrait of a Lady • A Photograph • We're Not Afraid to die... If We Can all Be Together • Discovering Tut: the Saga Continues • Childhood • The Ailing Planet – The green moment's rule 	<ul style="list-style-type: none"> • The Summer of the Beautiful White Horse • The Address • Ranga's Marriage • Albert Einstein at School • Mother's Day 	Writing Skills <ul style="list-style-type: none"> • Formal Letter, • Notice • Advertisements • Article • Speech • Debate Reading Skills <ul style="list-style-type: none"> • Unseen Passage • Note Making
4	Annual Examination	Full Syllabus		

NOTE: There will be a class test and an assignment after every lesson.

Curriculum Plan of Economics
(Session: 2019-2020)

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-
April Topic: Introductory Microeconomics No. of Periods: 15	Meaning of microeconomics and macroeconomics What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier and opportunity cost.	Video on PPC	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ PPC ○ concept of consumer equilibrium 	<ul style="list-style-type: none"> • understand the concept of economics • differentiate between micro and macro economics
Topic: Consumer Equilibrium No. of Periods: 20	Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis. Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium		<ul style="list-style-type: none"> • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Topic selection 	<ul style="list-style-type: none"> • judge the concept of equilibrium case of consumer behaviour • explain the properties of IC
May Topic: Theory of demand No. of periods: 28	Periodic Test - 1			
	Demand, market demand, determinants of demand, demand schedule, demand curve, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand; measurement of price elasticity of demand - (a) percentage-change method, relationship between price elasticity of demand and total expenditure	Video on the topic 'Law of Demand'	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ producer equilibrium and theory of supply • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Research 	<ul style="list-style-type: none"> • Understand the functions of demand • Solve the numerical of elasticity of demand • Draw curves and schedules

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-
July Topic: Producer Behavior and Supply No. of periods: 32	Production function: Total Product, Average Product and Marginal Product. Returns to a Factor. Cost and Revenue: Short run costs - total cost, total fixed cost, total variable cost; Average fixed cost, average variable cost and marginal cost-meaning and their relationship. Revenue - total, average and marginal revenue. Producer's equilibrium-meaning and its conditions in terms of marginal revenue-marginal cost. Supply, market supply, determinants of supply, supply schedule, supply curve, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply – (a) percentage-change method	Video on determination of foreign exchange rate	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ main forms of market • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Data collection 	<ul style="list-style-type: none"> • Understand the concept of production function • Solve the numericals • Draw curves • Classify the types of cost
August Topic: Forms of Market & Market equilibrium No. of periods: 28	Perfect competition – Features, monopoly, monopolistic competition, oligopoly - their meaning and features Determination of market equilibrium and effects of shifts in demand and supply. Simple Applications of Demand and Supply: Price ceiling, price floor.	Video on the topic 'Price ceiling, price floor'	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ price determination and market equilibrium • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ First Draft 	<ul style="list-style-type: none"> • Determine the market price of commodity • Evaluate the types of market • Differentiate among types of market
September	Half Yearly Examination			

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-
September Topic: Introduction of statistics No. of periods: 10	What is Economics? Meaning, scope and importance of statistics in Economics. Collection of data - sources of data - primary and secondary; how basic data is collected. Methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organization.	Video on Data collection methods	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ introduction of statistics • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Presentation 	<ul style="list-style-type: none"> • Draw histogram and ogive • Draw table • Understand the different types of collection of data • Differentiate among types of collection of data • Plot graphs
Topic: Collection, Organization and Presentation of data No. of Periods: 22	Organization of Data: Meaning and types of variables. Frequency Distribution. Presentation of Data: Tabular Presentation and Diagrammatic Presentation of Data: <ul style="list-style-type: none"> • Geometric forms (bar diagrams and pie diagrams), • Frequency diagrams (histogram, polygon and ogive) • Arithmetic line graphs (time series graph). 			
October Topic: Statistical Tools and Interpretation No. of periods: 22	Measures of Central Tendency- mean (simple and weighted), median and mode. Measures of Dispersion - absolute dispersion (range, quartile deviation, mean deviation and standard deviation); relative dispersion (co-efficient of quartile-deviation, co-efficient of mean deviation, co-efficient of variation); Lorenz Curve Meaning and its application		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ statistical tools and interpretation • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ○ Final submission 	<ul style="list-style-type: none"> • Solve numericals • Understand different types of central tendencies • Differentiate among mean, median and mode

Month Topic	Sub Topic	Activities/ Audio Visual Inputs	Assignment / Discussion / Project	Learning Outcomes After the completion of this chapter, students will be able to-
November Topic: Statistical Tools and Interpretation No. of periods: 22	Correlation - meaning, scatter diagram; Measures of correlation - Karl Pearson's method (two variable ungrouped data) Spearman's rank correlation		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ numerical of correlation • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Solve numericals • Understand correlation between two variables • Draw scattered diagram
December Topic: Introduction to Index Numbers No. of periods: 18	Periodic Test - 2			
	meaning, types - wholesale price index, consumer price index and index of industrial production, uses of index numbers; Inflation and index numbers. Some Mathematical tools used in Economics: Equation of a line, slope of a line, slope of a curve		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Index numbers • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Understand the concept of index numbers • Solve numericals through different methods of index numbers • Draw curves
January	Revision			
February	Annual Examination			

EXAMINATION SYLLABUS

PERIODIC TEST - 1

Micro Economics – Chapters 1 and 2

HALF YEARLY EXAMINATION

Micro Economics - Full Syllabus

PERIODIC TEST - 2

Micro Economics - Full Syllabus

Statistics for Economics - Units 1 -3 (excluding Correlation and Index Numbers)

ANNUAL EXAMINATION

Micro Economics - Full Syllabus

Statistics for Economics - Full Syllabus

NOTE: There will be a class test and assignment after every Chapter.

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

Month Topic	Sub Topic	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
April Topic: Constitution Why and How and Philosophy of the Constitution No. of Periods: 18	<ul style="list-style-type: none"> • Constitution: Why and How, The making of the Constitution, the Constituent Assembly, Procedural achievements and Philosophy of the Constitution. 	Video: <ul style="list-style-type: none"> • Samvidhaan- The making of the Constitution of India 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Constitution Why and How and Philosophy of the Constitution ○ Constitution as a Living Document ○ Rights in the Indian Constitution 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking, Problem solving, Decision Making, Effective communication, Dealing with stress • Art Integration- <ul style="list-style-type: none"> ○ Group Discussion • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Economics
Topic: Constitution as a Living Document No. of Periods: 08	<ul style="list-style-type: none"> • Are Constitutions static? • The procedure to amend the Constitution. • Why have there been so many amendments? • Basic Structure and Evolution of the Constitution. • Constitution as a Living Document 	Video: <ul style="list-style-type: none"> • The Constitution- a living document 	<ul style="list-style-type: none"> • Discussion of Scoring Points/Marking Scheme/Sample Questions • Timeline / Concept Mapping • Project: 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"> ○ Find out the amendment about the right to education. What do you think is the importance of this amendment? • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History
May Topic: Rights in the Indian Constitution No. of Periods: 18	<ul style="list-style-type: none"> • The importance of Rights, Fundamental Rights in the Indian Constitution, Directive Principles of State Policy, Relationship between Fundamental Rights and Directive Principles 	Video: <ul style="list-style-type: none"> • Fundamental Rights in the Indian Constitution • PPT on Fundamental Rights 		<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"> ○ Make a list of public religious activities that take place in your village or city • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History

Month Topic	Sub Topic	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Political Theory: An Introduction No. of Periods: 10	<ul style="list-style-type: none"> • What is Politics? • What do we study in Political Theory? • Putting Political Theory to practice. • Why should we study Political Theory? 	Video: <ul style="list-style-type: none"> • Politics- Who Gets What When and How? • Introduction to Political Science 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Political Theory: An Introduction ○ Freedom • Discussion of Scoring Points/Marking Scheme/Sample Questions • Timeline / Concept Mapping • Project: Research 	<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, Collect the cartoons • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History
July Topic: Freedom No. of Periods: 11	<ul style="list-style-type: none"> • The Ideal of Freedom. What is Freedom? • Why do we need constraints? • Harm principle. • Negative and Positive Liberty 	Video: <ul style="list-style-type: none"> • What is Freedom? • Who is Aung San Suu Kyi? • Nelson Mandela - Mini Biography 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Election and Representation ○ Equality • Discussion of Scoring Points/Marking Scheme/Sample Questions • Timeline / Concept Mapping • Project: Data collection 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking, Problem solving, Decision Making, Self Awareness • Art Integration <ul style="list-style-type: none"> ○ Debate, Role play • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History
Topic: Election and Representation No. of Periods: 11	<ul style="list-style-type: none"> • Elections and Democracy, Election System in India, Reservation of Constituencies, Free and Fair Elections, Electoral Reforms. 	Video: <ul style="list-style-type: none"> • Indian Electoral System Why should I VOTE? • How to cast your vote using EVM and VVPAT • First past the post 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Election and Representation ○ Equality • Discussion of Scoring Points/Marking Scheme/Sample Questions • Timeline / Concept Mapping • Project: Data collection 	<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"> ○ Mock elections in class to elect class representatives. • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology
Topic: Equality No. of Periods: 11	<ul style="list-style-type: none"> • Significance of Equality. • What is Equality? Various dimensions of Equality. • How can we promote Equality? 	Video: <ul style="list-style-type: none"> • Do One Thing For Diversity and Inclusion – Different. • Close the Gap- Why Equality for Girls and Women Matters. • Economic Equality 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Election and Representation ○ Equality • Discussion of Scoring Points/Marking Scheme/Sample Questions • Timeline / Concept Mapping • Project: Data collection 	<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, Search for quotations from different religious scriptures that affirm the ideal of equality. • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Economics

Month Topic	Sub Topic	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Legislature No. of Periods: 11	<ul style="list-style-type: none"> • Why do we need a Parliament? • Two Houses of Parliament. • Functions and Power of the Parliament, Legislative functions, control over Executive. • Parliamentary committees. Self- regulation 	Video: <ul style="list-style-type: none"> • How a Bill Becomes an Act • What Is Parliament? • What is Lok Sabha? • What is Rajya Sabha? 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Legislature • Discussion of Scoring Points/Marking Scheme/Sample Questions • Timeline / Concept Mapping 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking, Problem solving, Decision Making, Interpersonal Relationship • Art Integration <ul style="list-style-type: none"> ○ Prepare a chart, Make a wallpaper • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History
August Topic: Executive No. of Periods: 11	<ul style="list-style-type: none"> • What is an Executive? • Different Types of Executive. • Parliamentary Executive in India, Prime Minister and Council of Ministers. • Permanent Executive: Bureaucracy. 	Video <ul style="list-style-type: none"> • Political Executive • How is the president of India elected? 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Executive ○ Justice with special reference to Social Justice ○ Rights • Discussion of Scoring Points/Marking Scheme/Sample Questions • Timeline / Concept Mapping • 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 • Art Integration <ul style="list-style-type: none"> ○ Procure a photograph of the SAARC summit meeting or the meeting of G-8 countries and list those who attended the meeting. • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History
Topic: Justice with special reference to Social Justice No. of Periods: 12	<ul style="list-style-type: none"> • What is Justice? • Just Distribution. Justice as fairness. • Pursuing Social Justice. 	Video <ul style="list-style-type: none"> • What is Social Justice? • Social justice in India (documentary) • What is Justice what is Social Justice? • An Introduction to John Rawls's A Theory of Justice • John Rawls Two Principles of Justice • The Veil Of Ignorance 	<ul style="list-style-type: none"> • Timeline / Concept Mapping • 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"> ○ Search the minimum requirement of food, income, water and such facilities have been made by government agencies and U.N • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Economics

Month Topic	Sub Topic	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Rights No. of Periods: 11	<ul style="list-style-type: none"> • What are Rights? • Where do Rights come from? • Legal Rights and the State. • Kinds of Rights. Rights and Responsibilities. 	Video <ul style="list-style-type: none"> • What Are Rights? • The Universal Declaration of Human Rights. • What are human rights? • Children's and Young People's Rights 		<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"> ○ Let's Debate • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Economics
September	Half Yearly Examination			
Topic: Citizenship No. of Periods: 11	<ul style="list-style-type: none"> • What is citizenship? • Citizen and Nation, Universal Citizenship, Global Citizenship 	Video <ul style="list-style-type: none"> • What does it mean to be a citizen? • Learning to live together in peace through Global Citizenship Education 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Citizenship ○ Judiciary • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Timeline / Concept Mapping 	<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"> ○ Survey • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology
October Topic: Judiciary No. of Periods: 11	<ul style="list-style-type: none"> • Why do we need an Independent Judiciary? • Structure of the Judiciary, Judicial Activism, Judiciary and Rights, Judiciary and Parliament 	Video <ul style="list-style-type: none"> • The Judiciary • Indian Judicial System 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Federalism • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Timeline / Concept Mapping 	<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"> ○ Debate • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History
Topic: Federalism No. of Periods: 11	<ul style="list-style-type: none"> • What is Federalism? • Federalism in the Indian Constitution, Federalism with a strong Central Government, conflicts in India's federal system, Special Provisions 	Video <ul style="list-style-type: none"> • What is Federalism? • States vs Centre - Is India's federalism under threat? • To make Nation stronger, we need to make our states stronger - PM on Co-operative 	<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"> ○ Logical thinking, Problem solving, Decision Making • Art Integration <ul style="list-style-type: none"> ○ Make a list of the States of India and find out the year in which each of the States was create.

Month Topic	Sub Topic	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
		federalism • The Big picture-NCT against terrorism		<ul style="list-style-type: none"> ○ Collect information about at least one dispute about river waters involving two or more States • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Economics
November Topic: Nationalism No. of Periods: 11	<ul style="list-style-type: none"> • Nations and Nationalism, National Self-determination, Nationalism and Pluralism 	Video • What is Nationalism? • Nationalism Explained In Simple Terms	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Nationalism ○ Secularism ○ Peace • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Timeline / Concept Mapping 	<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"> ○ Cut out clippings from various newspapers and magazines related to the demands of various groups in India and abroad • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History
Topic: Secularism No. of Periods: 11	<ul style="list-style-type: none"> • What is Secularism? • What is Secular State? • The Western and the Indian approaches to Secularism. • Criticisms and Rationale of Indian Secularism 	Video • Secularism in India. • The Making of Nation - Part IX- Secularism and the Nation.		<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Logical thinking, Self-Awareness, Empathy, Managing Emotions • Art Integration <ul style="list-style-type: none"> ○ Watch any of the following films (like Bombay/ Garam Hawa) • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology
Topic: Peace No. of Periods: 11	<ul style="list-style-type: none"> • What is Peace? • Can violence ever promote peace? • Peace and the State. • Different Approaches to the pursuit of peace. • Contemporary challenges to peace. 	Video • What is Peace? • Gandhi's Non-Violence speech		<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"> ○ Design a peace award with a symbol(s). • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Economics
December	Periodic Test – 2			

Month Topic	Sub Topic	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Development	<ul style="list-style-type: none"> • What is development? • Dominant, development Model and alternative conceptions of development 	Video <ul style="list-style-type: none"> • The World's Largest Lesson • The sustainable development 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Development • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Timeline / Concept Mapping 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Critical thinking, Problem solving, Decision Making • Art Integration <ul style="list-style-type: none"> ○ Make a presentation on India's changing HDI rank? • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Economics
Topic: Local Governments No. of Periods: 11	<ul style="list-style-type: none"> • Why do we need Local Governments? • Growth of Local Government in India, 73rd and 74th Amendments, implementation of 73rd and 74th Amendments 	Video <ul style="list-style-type: none"> • Panchayati Raj - How India's Villages Work • In Depth – 73rd and 74th Constitution Amendment 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Local Governments • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Timeline / Concept Mapping • 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"> ○ Identify some of the powers that your State government has delegated to panchayats. • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology, Economics
January	Revision			
February	Annual Examination			

EXAMINATION SYLLABUS

PERIODIC TEST - 1

Indian Constitution Lesson 1
Political Theory Lessons 9 – 10

HALF YEARLY EXAMINATION

Indian Constitution Lessons 1 – 5
Political Theory Lessons 9 – 13

PERIODIC TEST - 2

Indian Constitution Lessons 1 – 7
Political Theory Lessons 9 – 17

ANNUAL EXAMINATION

Full Syllabus

NOTE: There will be a class test and assignment after every Chapter.

Curriculum Plan of History
(Session: 2019-2020)

Month Topic	Sub Topic	Objectives	Audio Visual Inputs	Assignment/ Discussion / Timeline/ Concept Mapping/ Project	Core Skills/ Art Integration/ Interdisciplinary Linkages
April Topic: From the Beginning of Time No. of Periods: 26	Focus: Africa, Europe till 15000 BCE a. Views on the origin of human beings b. Early societies c. Historians' views on present-day gathering- hunting societies	<ul style="list-style-type: none"> Familiarize the learner with ways of reconstructing human evolution. Discuss whether the experience of present-day hunting-gathering people can be used to understand early societies. 	Video <ul style="list-style-type: none"> The Early Humans and development 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> From the Beginning of Time Discussion of Scoring Points/ Marking Scheme/ Sample Questions Timeline/Concept Mapping 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, Sense of Enquiry, Inquisitiveness, Logical thinking, Problem solving, Decision Making Art Integration <ul style="list-style-type: none"> Group Discussion Interdisciplinary Linkages <ul style="list-style-type: none"> Science, Sociology, Economics
May Topic: Writing and City Life No. of Periods: 15	Focus: Iraq, 3 rd millennium BCE a. Growth of towns b. Nature of early urban societies c. Historians' Debate on uses of writing	<ul style="list-style-type: none"> Familiarize the learner with the nature of early urban Centres. Discuss whether writing is significant as a marker of civilization. 	Video <ul style="list-style-type: none"> Mesopotamian Civilization 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Writing and City Life Timeline II Discussion of Scoring Points/ Marking Scheme/ Sample Questions Timeline/Concept Mapping Project <ul style="list-style-type: none"> Research 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Logical thinking, Sense of inquiry, Decision Making, Self-Awareness Art Integration <ul style="list-style-type: none"> Make a list of all excavated sites of Mesopotamia, understand its architecture and discuss it in class. Interdisciplinary Linkages <ul style="list-style-type: none"> Political Science, Science, Archaeology
	Periodic Test - 1				
Topic: Empires No. of periods: 07	<ul style="list-style-type: none"> Empires Timeline II (c. 100 BCE to 1300 CE) 		Video <ul style="list-style-type: none"> Early empires of the world 		<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Logical thinking, Decision Making Art Integration <ul style="list-style-type: none"> Debate on timeline Interdisciplinary Linkages <ul style="list-style-type: none"> Political Science, Science

Month Topic	Sub Topic	Objectives	Audio Visual Inputs	Assignment/ Discussion / Timeline/ Concept Mapping/ Project	Core Skills/ Art Integration/ Interdisciplinary Linkages
July Topic: An Empire across Three Continents No. of Periods: 15	Focus: Roman Empire, 27 BCE to 600 CE. a. Political evolution b. Economic expansion c. Religion-culture foundation d. Late Antiquity e. Historians' views on the institution of Slavery	<ul style="list-style-type: none"> Familiarize the learner with the history of a major world empire. Discuss whether slavery was a significant element in the economy. 	Video <ul style="list-style-type: none"> Early empires of the world 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> An Empire across Three Continents The Rise of Islam in Arabia Discussion of Scoring Points/ Marking Scheme/ Sample Questions Timeline/Concept Mapping Project <ul style="list-style-type: none"> Data Collection 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Creative thinking, Logical thinking, Decision Making Art Integration <ul style="list-style-type: none"> Discussion on the making of an empire and its features. Interdisciplinary Linkages <ul style="list-style-type: none"> Geography, Sociology and Political Science
Topic: Central Islamic Lands No. of Periods: 15	Focus: 7 th to 12 th centuries a. Polity b. Economy c. Culture d. Historians' viewpoints on the nature of the crusades.	<ul style="list-style-type: none"> Familiarize the learner with the rise of Islamic empires in the Afro-Asian territories and its implications for economy and society. Understand what the crusades meant in these regions and how they were experienced. 	Video <ul style="list-style-type: none"> The Rise of Islam in Arabia 	<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"> Critical thinking, Logical thinking, Problem solving, Decision Making, Self-Awareness, Empathy Art Integration <ul style="list-style-type: none"> Discussion on the Rise of Islam as new religion and Politics Interdisciplinary Linkages <ul style="list-style-type: none"> Geography, Sociology, Economics
August Topic: Nomadic Empires No. of Periods: 13	Focus: the Mongol, 13 th to 14 th century a. The nature of nomadism b. Formation of empires c. Conquests and relations with other states d. Historians' views on nomadic societies and state formation	<ul style="list-style-type: none"> Familiarize the learner with the varieties of nomadic society and their institutions. Discuss whether state formation is possible in nomadic societies 	Video <ul style="list-style-type: none"> Nomadic Empires Genghis Khan and the Mongols 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Nomadic Empires Discussion of Scoring Points/ Marking Scheme/ Sample Questions Timeline/Concept Mapping 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 Art Integration <ul style="list-style-type: none"> Discussion about the silk route, major cities on it and its importance Interdisciplinary Linkages <ul style="list-style-type: none"> Geography, Political Science
September	Half Yearly Examination				

Month Topic	Sub Topic	Objectives	Audio Visual Inputs	Assignment/ Discussion / Timeline/ Concept Mapping/ Project	Core Skills/ Art Integration/ Interdisciplinary Linkages
September Topic: Three Orders No. of Periods: 21	Focus: Western Europe, 13 th - 16 th century a. Feudal society and economy b. Formation of states c. Church and Society d. Historians' views on decline of feudalism.	<ul style="list-style-type: none"> Familiarize the learner with the nature of the economy and society of this period and the changes within them. Show how the debate on the decline of feudalism helps in understanding processes of transition. 		<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Timeline III and Feudalism Three Orders Discussion of Scoring Points/ Marking Scheme/ Sample Questions Timeline/Concept Mapping 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, Self-Awareness, Empathy, Interpersonal Relationship Art Integration <ul style="list-style-type: none"> Explanation and debate over timeline Discussion on Feudalism Interdisciplinary Linkages <ul style="list-style-type: none"> Sociology, Political Science
October Topic: Changing Cultural Traditions No. of Periods: 15	Focus: Europe, 14 th to 17 th century a. New ideas and new trends in literature and arts b. Relationship with earlier ideas c. The contribution of West Asia d. Historians' viewpoints on the validity of the notion 'European Renaissance'	<ul style="list-style-type: none"> Explore the intellectual trends in the period. Familiarize students with the paintings and buildings of the period. Introduce the debate around the idea of 'Renaissance'. 	Video <ul style="list-style-type: none"> Print Culture in Europe Renaissance in Fourteenth Century 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Changing Cultural Traditions Confrontation of Cultures Discussion of Scoring Points/ Marking Scheme/ Sample Questions Timeline/Concept Mapping 	<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"> Debate on Impact of Print Culture in Europe. Interdisciplinary Linkages <ul style="list-style-type: none"> History, Sociology, Economics
Topic: Confrontation of Cultures No. of Periods: 14	Focus: America, 15 th to 18 th century a. European voyages of exploration b. Search for gold; enslavement, raids, extermination. c. Indigenous people and cultures – the Arawaks, the Aztecs, the Incas d. The history of displacements e. Historians' viewpoints on the slave trade	<ul style="list-style-type: none"> Discuss changes in the European economy that led to the voyages. Discuss the implications of the conquests for the indigenous people. Explore the debate on the nature of the slave trade and see what this debate tells us about the meaning of these "discoveries". 	Video <ul style="list-style-type: none"> Slave Trade History of America 		<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"> Discussion on-What were the reasons for people from different European countries wanting to take the risk of going on a 'voyage of discovery'? Interdisciplinary Linkages <ul style="list-style-type: none"> Geography, Sociology, Philosophy

Month Topic	Sub Topic	Objectives	Audio Visual Inputs	Assignment/ Discussion / Timeline/ Concept Mapping/ Project	Core Skills/ Art Integration/ Interdisciplinary Linkages
November Topic: The Industrial Revolution No. of Periods: 15	Focus on England, 18 th and 19 th century a. Innovations and technological change b. Patterns of growth c. Emergence of a working class d. Historians' viewpoints, Debate on 'Was there an Industrial Revolution?'	<ul style="list-style-type: none"> • Understand the nature of growth in the period and its limits. • Initiate students to the debate on the idea of industrial revolution. 	Video <ul style="list-style-type: none"> • The Industrial Revolution in England and Europe 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ The Industrial Revolution ○ Displacing indigenous People • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Timeline/Concept Mapping • Project <ul style="list-style-type: none"> ○ Presentation 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Logical thinking, Self-Awareness, Empathy • Art Integration <ul style="list-style-type: none"> ○ Debate on impacts of Industrial Revolution and Colonisation • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ Geography, Sociology
Topic: Displacing indigenous People No. of Periods: 07	Focus: North America and Australia, 18 th - 20 th century. a. European colonists in North America and Australia b. Formation of white settler societies c. Displacement and repression of local people d. Historians' viewpoints on the impact of European settlement on indigenous population.	<ul style="list-style-type: none"> • Sensitize students to the processes of displacements that accompanied the development of America and Australia. • Understand the implications of such processes for the displaced populations. 	Video <ul style="list-style-type: none"> • Displacing indigenous People 	<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"> ○ Critical thinking, Problem solving, Decision Making, Managing Emotions • Art Integration <ul style="list-style-type: none"> ○ Debate on Impact of Colonisation on USA and process of development • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ Sociology, Economics
December	Periodic Test - 2				
Topic: Paths to modernisation No. of Periods: 15	Focus: East Asia, late 19 th and 20 th century a. Militarization and economic growth in Japan. b. China and the Communist alternative. c. Historians' Debate on the meaning of modernization	<ul style="list-style-type: none"> • Make students aware that transformation in the modern world takes many different forms. • Show how notions like 'modernization' need to be critically assessed. 	Video <ul style="list-style-type: none"> • Development story of Japan and China 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Paths to modernisation • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Timeline/Concept Mapping • 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 the Japan and China model of development • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ Sociology, Economics, Political Science
January	Revision				
February	Annual Examination				

EXAMINATION SYLLABUS

PERIODIC TEST - 1

Section I (Timeline 1 to Theme 2)

HALF YEARLY EXAMINATION

Section I to II
(Timeline 1 to Theme 5)

PERIODIC TEST - 2

Section I to III
(From Timeline 1 to Theme 8)

ANNUAL EXAMINATION

Full Syllabus
Section I to Section IV
(Timeline 1 to Theme 11)

NOTE: There will be a class test after every chapter.

Curriculum Plan of Mathematics
(Session: 2019-2020)

Month Topic	Sub Topic	Concept/ Mathematics Activities	Assignment / Discussion
April Topic: Sets No. of Periods: 10	Sets and their representations. Empty set. Finite and Infinite sets. Equal sets. Subsets. Subsets of a set of real numbers especially intervals (with notations). Power set. Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of Complement.	<ul style="list-style-type: none"> To find the number of subsets of a given set and verify that if a set has n number of elements, then the total no. of subsets is 2^n. To verify that for two sets A and B, $n(A \times B) = pq$ and the total no. of relations from A to B is 2^{pq}, where $n(A) = p$ and $n(B) = q$. 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Set-builder form, roster form, Venn diagrams, applications on union & intersection of sets
Topic: Relations & Functions No. of Periods: 10	Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (upto $R \times R \times R$). Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions.	<ul style="list-style-type: none"> To distinguish between a Relation & Function. 	<ul style="list-style-type: none"> Domain, range and co-domain all trigonometric transformations, general solutions, domain-range, identities and various functions
Topic: Trigonometric Functions No. of Periods: 15	Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth of the identity $\sin^2x + \cos^2x = 1$, for all x. Signs of trigonometric functions. Deducing identities like the following: $\tan(x \pm y) = \frac{\tan x \pm \tan y}{1 \mp \tan x \tan y}, \cot(x \pm y) = \frac{\cot x \cot y \mp 1}{\cot y \pm \cot x}$ $\sin \alpha \pm \sin \beta = 2 \sin \frac{1}{2}(\alpha \pm \beta) \cos \frac{1}{2}(\alpha \mp \beta)$ $\cos \alpha + \cos \beta = 2 \cos \frac{1}{2}(\alpha + \beta) \cos \frac{1}{2}(\alpha - \beta)$ $\cos \alpha - \cos \beta = -2 \sin \frac{1}{2}(\alpha + \beta) \sin \frac{1}{2}(\alpha - \beta)$		<ul style="list-style-type: none"> Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month Topic	Sub Topic	Concept/ Mathematics Activities	Assignment
May Topic: Trigonometric Functions No. of Periods: 05	Identities related to $\sin 2x$, $\cos 2x$, $\tan 2x$, $\sin 3x$, $\cos 3x$ and $\tan 3x$. General solution of trigonometric equations of the type $\sin y = \sin a$, $\cos y = \cos a$ and $\tan y = \tan a$. Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing $\sin(x \pm y)$ and $\cos(x \pm y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$ and their simple applications.		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Principle of Mathematical Induction ○ Argument, modulus and polar form of complex numbers, & quadratic equations of imaginary nos. ○ graphical representation of linear inequalities ○ Permutations and Combinations ○ Binomial Theorem, its expansion and rth term • Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Principle of Mathematical Induction No. of Periods: 05	Process of the proof by induction, motivating the application of the method by looking at natural numbers as the least inductive subset of real numbers. The principle of mathematical induction and simple applications.		
Topic: Complex Numbers and Quadratic Equations No. of Periods: 15	Need for complex numbers, especially $\sqrt{-1}$, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane and polar representation of complex numbers. Statement of Fundamental Theorem of Algebra, solution of quadratic equations (with real coefficients) in the complex number system. Square root of a complex number.	<ul style="list-style-type: none"> • To interpret geometrically the meaning of $i = \sqrt{-1}$ and its integral power. 	
Topic: Linear Inequalities No. of Periods: 10	Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line. Graphical solution of linear inequalities in two variables. Graphical method of finding a solution of system of linear inequalities in two variables.	<ul style="list-style-type: none"> • To verify that the graph of a given inequality, say $5x + 4y - 40 < 0$, of the form $ax + by + c < 0$, $a, b > 0$, $c < 0$ represents only one of the two half planes. 	
July Topic: Permutations and Combinations No. of Periods: 10	Fundamental principle of counting. Factorial n . $(n!)$ Permutations and combinations, derivation of Formulae for n_{pr} and n_{cr} and their connections, simple applications.	<ul style="list-style-type: none"> • To find the number of ways in which three cards can be selected from given five cards. 	
Topic: Binomial Theorem No. of Periods: 10	History, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, General and middle term in binomial expansion, simple applications.	<ul style="list-style-type: none"> • To construct a Pascal's triangle and to write binomial expansion for a given positive integral exponent. 	

Month Topic	Sub Topic	Concept/ Mathematics Activities	Assignment
Topic: Sequence and Series No. of Periods: 20	Sequence and Series. Arithmetic Progression (A. P.). Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M. Formulae for the following special sums. $\sum_{k=1}^n k, \sum_{k=1}^n k^2 \text{ and } \sum_{k=1}^n k^3$	<ul style="list-style-type: none"> To demonstrate that the Arithmetic mean of two different positive numbers is always greater than the Geometric mean. 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Straight Lines Conic Sections A.P., A.M., G.P., G.M., relation between A.M. & G.M. and applications of sequences Slope, tangent, normal, various forms of slope of a line Parabola, Circle, Ellipse, Hyperbola and their applications Discussion of Scoring Points/ Marking Scheme/ Sample Questions
August Topic: Straight Lines No. of Periods: 20	Brief recall of two dimensional geometry from earlier classes. Shifting of origin. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form and normal form. General equation of a line. Equation of family of lines passing through the point of intersection of two lines. Distance of a point from a line.		
Topic: Conic Sections No. of Periods: 15	Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle.	<ul style="list-style-type: none"> An alternating method to construct a parabola. To construct an ellipse using a rectangle. 	
September	Half Yearly Examination		
October Topic: Introduction to Three-dimensional Geometry No. of Periods: 10	Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points and section formula.	<ul style="list-style-type: none"> To explain the concept of octants by three mutually perpendicular planes in space 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> octants, distance formula and section formula in 3-D Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month Topic	Sub Topic	Concept/ Mathematics Activities	Assignment / Discussion
Topic: Limits and Derivatives No. of Periods: 15	Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to slope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.	<ul style="list-style-type: none"> To find analytically $\lim_{x \rightarrow c} \frac{x^2 - c^2}{x - c}$ Verification of the geometrical significance of derivative 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Limits, indeterminate form, derivatives of trigonometric functions, first principle, properties of derivatives basic Mathematical Reasoning Mean Deviation, median deviation, mode and frequency distribution Probability Discussion of Scoring Points/ Marking Scheme/ Sample Questions
Topic: Mathematical Reasoning No. of Periods: 10	Mathematically acceptable statements. Connecting words/ phrases - consolidating the understanding of "if and only if (necessary and sufficient) condition", "implies", "and/or", "implied by", "and", "or", "there exists" and their use through variety of examples related to real life and Mathematics. Validating the statements involving the connecting words, difference among contradiction, converse and contrapositive.	<ul style="list-style-type: none"> To obtain truth values of compound statements of the type $p \vee q$ by using switch connections in parallel 	
November Topic: Statistics No. of Periods: 20	Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data. Analysis of frequency distributions with equal means but different variances.		
Topic: Probability No. of Periods: 15	Random experiments; outcomes, sample spaces (set representation). Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events.	<ul style="list-style-type: none"> To write the sample space, when a coin is tossed once, twice, three times, four times. 	
December	Periodic Test - 2		
January	Revision		
February	Annual Examination		

EXAMINATION SYLLABUS

PERIODIC TEST – 1

- Trigonometric Functions (Ex. 3.1)
- Sets
- Relations & Functions

HALF YEARLY EXAMINATION

- Trigonometric Functions
- Sets
- Relations & Functions
- Principle of Mathematical Induction
- Complex Numbers & Quadratic Equations
- Linear Inequalities
- Permutations & Combinations
- Binomial Theorem
- Sequences & Series
- Probability

PERIODIC TEST - 2

Full Syllabus

ANNUAL EXAMINATION

Full Syllabus

NOTE: There will be a class test after every chapter.

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

Month/Topic	Theory	Practical/Project	Miscellaneous
April Topic: Computer Systems and Organisation No. of periods: 12	<ul style="list-style-type: none"> ➤ Basic computer organisation: description of a computer system and mobile system, CPU, memory, hard disk, I/O, battery. ➤ Types of software: application, System, utility. ➤ Memory Units: bit, byte, MB, GB, TB, and PB ➤ Boolean logic: OR, AND, NAND, NOR, XOR, NOT, truth tables, De Morgan's laws ➤ Information representation: numbers in base 2, 8, 16, binary addition ➤ Strings: ASCII, UTF8, UTF32, ISCII (Indian script code), Unicode ➤ Basic Concepts of Flowchart ➤ Concept of Compiler & Interpreter ➤ Running a program: Notion of an operating system, how an operating system runs a program, idea of loading, operating system as a resource manager. ➤ Concept of cloud computing, cloud (public/private), introduction to parallel computing. 	<ul style="list-style-type: none"> • Demonstration of computer showing different parts of CPU. • Drawing Flowcharts <ul style="list-style-type: none"> ○ to find successor and predecessor of a given number ○ to find sum of two numbers ○ to find average of three numbers ○ to find whether a given number is positive or negative ○ to find whether a given number is even or odd ○ to print first 10 natural/whole numbers ○ to develop infinite loop 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Computer fundamentals ○ Boolean Logic ○ Information Representation • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Art Integration <ul style="list-style-type: none"> ○ Draw the block diagram of computer • Video <ul style="list-style-type: none"> ○ Software ○ Cloud computing • Core Skills <ul style="list-style-type: none"> ○ Problem solving ○ Critical thinking ○ Decision making ○ Empathy
May Topic: Computational Thinking and Programming No. of periods: 35	Periodic Test – 1		
	<ul style="list-style-type: none"> ➤ Basics of Computational Thinking: Decomposition, Pattern Recognition/ Data representation, Generalization/ Data Abstraction and algorithm. ➤ Familiarization with the basics of Python programming: a simple "hello world" program, process of writing a program (Interactive & Script mode), running it, and print statements; simple data-types: integer, float, string 	Write a program to <ul style="list-style-type: none"> • display "hello world" on screen • print the successor, predecessor, half, double of a given number 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Computational Thinking ○ Python Programming • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Video <ul style="list-style-type: none"> ○ Computational Thinking

Month/Topic	Theory	Practical/Project	Miscellaneous
	<ul style="list-style-type: none"> ➤ Features of Python, Python Character Set, Token & Identifiers, Keywords, Literals, Delimiters, operators. ➤ Comments: (Single line & Multiline/ Continuation statements), Clarity & Simplification of expression. ➤ Introduce the notion of a variable, and methods to manipulate it (concept of Lvalue and R-value even if not taught explicitly). ➤ Knowledge of data types and operators: accepting input from the console, assignment statement, expressions, operators and their precedence. ➤ Operators & types: Binary operators – Arithmetic, Relational operators, Logical Operators, Augmented Assignment operators. 	<p>Write programs in Python to</p> <ul style="list-style-type: none"> • Find the sum of two numbers • Find the average of three numbers • Accept values in four variables from use. Divide the sum of first two numbers by the difference of last two numbers and display the result • Find whether a given number is positive/ negative • Find whether a given number is even/ odd • Find the bigger/smaller of two numbers • Find the biggest/smallest of three numbers 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Python Programming • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Core Skills <ul style="list-style-type: none"> ○ Problem solving ○ Critical thinking ○ Creative thinking ○ Decision making ○ Empathy ○ Interpersonal relationship ○ Self-awareness
July Topic: Computational Thinking and Programming No. of periods: 37	<ul style="list-style-type: none"> ➤ Conditional statements: if, if-else, if-elif-else; simple programs: e.g.: absolute value, sort 3 numbers, and divisibility. ➤ Notion of iterative computation and control flow: for(range(), len()), while, flowcharts, suggested programs: interest calculation and factorials, etc. ➤ Idea of debugging: errors and exceptions; debugging: pdb, break points. 	<ul style="list-style-type: none"> • Find the factorial of a given number. • Accept values for Principle, Rate of Interest and Time. Calculate Simple Interest. • Find x^n. • Print first N natural/whole numbers in forward/reverse order • Print even/odd numbers between 1 and N. • Find whether a given number is prime or not • Find if a number is equal to the sum of the cubes of its digits. • Find the reverse of a given number • Find the sum of digits of a given number • Find LCM and HCF of two numbers 	

Month/Topic	Theory	Practical/Project	Miscellaneous
August Topic: Computational Thinking and Programming No. of periods: 31	<ul style="list-style-type: none"> ➤ Lists, tuples and dictionary: finding the maximum, minimum, mean; linear search on list/tuple of numbers, and counting the frequency of elements in a list using a dictionary. Introduce the notion of accessing elements in a collection using numbers and names. ➤ Sorting algorithm: bubble and insertion sort; count the number of operations while sorting. ➤ Strings: Traversing, compare, concat, substring. ➤ Introduction to Python modules: Importing math (sqrt, cell, floor, pow, fabs, sin, cos, tan, random (random, randint, randrange), statistics (mean, median, mode) modules. 	Write programs in Python to <ul style="list-style-type: none"> • Search for a number/name in the given list • Arrange the numbers in ascending/descending order • Find the largest/smallest number in a given list • Find the second largest/ smallest number in a given list • Find the reverse of a given string • Find whether a given string is palindrome or not • Project Work 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Python Programming • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Core Skills <ul style="list-style-type: none"> ○ Problem solving ○ Critical thinking ○ Creative thinking ○ Decision making ○ Empathy
September	Half Yearly Examination		
October Topic: Data Management No. of periods: 29	<ul style="list-style-type: none"> ➤ Relational databases: Concept of a database, relations, attributes and tuples, keys- candidate key, primary key, alternate key, foreign key, Degree and cardinality of a table. ➤ Use SQL – DDL/ DML commands to CREATE TABLE, INSERT INTO, UPDATE TABLE, DELETE FROM, ALTER TABLE, MODIFY TABLE, DROP TABLE, keys, and foreign keys; to view content of a table: SELECT-FROM WHERE-ORDER BY along with BETWEEN, IN, LIKE (Queries only on single table) 	<ul style="list-style-type: none"> • Create a student table with the student id, name, and marks as attributes where the student id is the primary key. • Add a new column in the above table. • Modify the details of a particular column • Delete a particular column • Insert the details of a new student in the above table. • Delete & update the details of a particular student in the above table. • Use the select command to manipulate data. • Create a new table (name, date of birth) by joining two tables (student id, name) and (studentid, date of birth). 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Python Programming • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Core Skills <ul style="list-style-type: none"> ○ Problem solving ○ Critical thinking ○ Creative thinking ○ Decision making
November Topic: Data Management No. of periods: 24	<ul style="list-style-type: none"> ➤ Aggregate functions – MIN, MAX, AVG, COUNT, SUM ➤ Basics of NoSQL databases. 		

Month/Topic	Theory	Practical/Project	Miscellaneous
		<ul style="list-style-type: none"> • Create a new table (order ID, customer Name, and order Date) by joining two tables (order ID, customer ID, and order Date) and (customer ID, customer Name, contact Name, country). • Show details from two tables • Delete the structure of a table. 	
<p>Topic: Society, Law and Ethics – Cyber safety</p> <p>No. of periods: 10</p>	<ul style="list-style-type: none"> ➤ Cyber safety: safely browsing the web, identity protection, confidentiality, social networks, cyber trolls and bullying ➤ Appropriate usage of social networks: spread of rumours, and common social networking sites (Twitter, LinkedIn, and Facebook) and specific usage rules. ➤ Safely accessing web sites: adware, malware, viruses, Trojans ➤ Safely communicating data: secure connections, eavesdropping, phishing and identity verification. 		<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Cyber Safety • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Video <ul style="list-style-type: none"> ○ Cyber Safety ○ Usage of Social Networking ○ Malware, Virus, Trojans etc. ○ Phishing • Core Skills <ul style="list-style-type: none"> ○ Self-awareness ○ Interpersonal relationship ○ Empathy
December	Revision		
January	Revision		
February	Annual Examination		

EXAMINATION SYLLABUS

PERIODIC TEST - 1

Unit 1: Computer System and Organisation

HALF YEARLY EXAMINATION

Unit 1: Computer System and Organisation

Unit 2: Computational Thinking and Programming

PERIODIC TEST - 2

Unit 1: Computer System and Organisation

Unit 2: Computational Thinking and Programming

Unit 3: Database Management - 1

Unit 4: Society, Law and Ethics – 1

ANNUAL EXAMINATION

Unit 1: Computer System and Organisation

Unit 2: Computational Thinking and Programming

Unit 3: Database Management - 1

Unit 4: Society, Law and Ethics – 1

NOTE: There will be a class test and assignment after every chapter.

**Curriculum Plan of Physical Education
(Session: 2019-2020)**

Month Topic	Sub Topic	Audio Visual Inputs	Practical	Miscellaneous
April Topic: Changing Trends & Career in Physical Education No. of periods:	<ul style="list-style-type: none"> ➤ Meaning & Definition of Physical Education ➤ Aims & Objectives of Physical Education ➤ Career Options in Physical Education ➤ Competitions in various sports at national & international level ➤ Khelo- India Program 	Video on Khelo –India Program		1. Assignment 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
May Topic: Olympic Value Education No. of periods:	<ul style="list-style-type: none"> ➤ Olympics, Paralympics & Special Olympics ➤ Olympics Symbols Ideas Objectives & Values of Olympics ➤ International Olympic Committee ➤ Indian Olympics Association 	Video on Olympics, Paralympics & Special Olympics	Labelled diagram of 400 M Track & Field with computations	
Topic: Physical Fitness, Wellness & Lifestyle No. of periods:	<ul style="list-style-type: none"> ➤ Meaning & Importance of Physical Fitness, Wellness & Lifestyle ➤ Components of physical fitness and Wellness ➤ Components of Health related fitness 		Computation of BMI from family or neighborhood & graphical representation of the data.	
July Topic: Physical Education & Sports for CWSN No. of periods:	<ul style="list-style-type: none"> ➤ Aims & objectives of Adaptive Physical Education ➤ Organization promoting Adaptive Sports (Special Olympics Bharat; Paralympics; Deaflympics) ➤ Concept of Inclusion, its need and Implementation ➤ Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & Special Educator) 	Video on Special Olympic Bharat, Deaflympics	Labelled diagram of field & equipment of any one game of your choice out of the above list.	

Month Topic	Sub Topic	Audio Visual Inputs	Practical	Miscellaneous
Topic: Yoga No. of periods:	<ul style="list-style-type: none"> ➤ Meaning & Importance of Yoga ➤ Elements of Yoga ➤ Introduction - Asanas, Pranayam, Meditation & Yogic Kriyas ➤ Yoga for concentration & related Asanas (Sukhasana; Tadasana; Padmasana & Shashankasana, Naukasana, Vrikshasana (Tree pose), Garudasana (Eagle pose) ➤ Relaxation Techniques for improving concentration – Yog-nidra 	Video on Procedure of yoga and yogic kriyas		1. Assignment 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
August Topic: Physical Activity & Leadership Training No. of periods:	<ul style="list-style-type: none"> ➤ Leadership Qualities & Role of a Leader ➤ Creating leaders through Physical Education ➤ Meaning, objectives & types of Adventure Sports (Rock Climbing, Tracking, River Rafting, Mountaineering, Surfing and Para Gliding) ➤ Safety measures to prevent sports injuries 	Video on Adventure sports	List of current National Awardees (Dronacharya Award, Arjuna Award & Rajiv Gandhi Khel Ratna Award)	
Topic: Test, Measurement & Evaluation No. of periods:	<ul style="list-style-type: none"> ➤ Define Test, Measurement & Evaluation ➤ Importance of Test, Measurement & Evaluation In Sports ➤ Calculation of BMI & Waist - Hip Ratio ➤ Somato Types (Endomorphy, Mesomorphy & Ectomorphy) ➤ Measurement of health related fitness 	Video on Test & Measurement		
September Topic: Fundamentals of Anatomy, Physiology & Kinesiology in Sports No. of periods:	Half Yearly Examination			
	<ul style="list-style-type: none"> ➤ Definition and Importance of Anatomy, Physiology & Kinesiology ➤ Function of Skeleton System, Classification of Bones & Types of Joints ➤ Properties and Functions of Muscles ➤ Function & Structure of Respiratory System and Circulatory System ➤ Equilibrium – Dynamic & Static And Centre of Gravity and its application in sports 	Video on Function of all System in our body		

Month Topic	Sub Topic	Audio Visual Inputs	Practical	Miscellaneous
October Topic: Psychology & Sports No. of periods:	<ul style="list-style-type: none"> ➤ Definition & Importance of Psychology in Phy. Edu. & Sports ➤ Define & Differentiate Between Growth & Development ➤ Developmental Characteristics at Different Stages of Development ➤ Adolescent Problems & Their Management 	Video on Growth & Development of children	Pictorial presentation of any five Asanas for improving concentration.	
November Topic: Training and Doping in Sports No. of periods:	<ul style="list-style-type: none"> ➤ Meaning & Concept of Sports Training ➤ Principles of Sports Training ➤ Warming up & limbering down ➤ Skill, Technique & Style ➤ Concept & classification of doping ➤ Prohibited Substances & their side effects ➤ Dealing with alcohol and substance abuse 	Video on Sports training in sports		<ol style="list-style-type: none"> 1. Assignment 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
December	Periodic Test – 2			
January	Revision			
February	Annual Examination			

EXAMINATION SYLLABUS

PERIODIC TEST - 1

Chapter 1

HALF YEARLY EXAMINATION

Chapters 1 – 7

PERIODIC TEST - 2

Chapters 1 to 10

ANNUAL EXAMINATION

Full Syllabus

NOTE: There will be a class test after every chapter.

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 रु. 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