Montfort School

Ashok Vihar, Delhi -110052

Syllabus 2021-22

Class - XI

ENGLISH SYLLABUS BREAKUP | CLASS-XI
2021-22

S.NO	DURATION	NO. OF CLASSES	CHAPTER/TOPIC	PEDAGOGY	ART INTEGRATED/LEARNING ACTIVITIES
1	June 1st - 15th	11	***The Portrait of a Lady***	**1.** Interactive-Group Discussion **2.** Digital Module-PPT **3.** Creative & Critical Thinking	**1.** Research work on Author-Khushwant Singh **2.** Group Discussion on ***Growing Distance Between Young and Older generation.***
			A Photograph	1. Types of Poetry 2. Rules of Recitation. 3. Figurative Language. 4. Power point presentation.	**1.** worksheets will be given on figure of speech used in the poetry. **2.** Write ***Self Composed Poetry*** on any topic.
2	June 16th - 30th	11	***The Summer of a Beautiful White Horse***	**1.** Interactive-Group Discussion **2.** Digital Module-PPT **3.** Creative & Critical Thinking **4.** Relevant Pictures/Videos	**1.** ***Research work*** on Armenian Tribe & William Saroyan. **2.** ***Pen portrait*** of major characters with sketches.
			Notice Writing	**1.** **Digital Presentation** on formats. **2.** Discussion on ***Pre requisite knowledge*** of School Notices **3.** White **Board Presentation/News Paper** Cuttings etc.	**1.** **Handout**-Practice questions on various different categories of Notice.
3	July 1st - 15th	7	***We are not afraid to die…***	**1.** **Build Interest** - On any journey where they faced Danger. **2.** **Parts of Boats** - will be shown to understand the chapter. **3.** **Life Skills** - Planning, Determination, will power & hard work.	**1.** Prepare a ***digital timeline*** of the lesson to learn the facts. **2.** ***Draw a boat*** and name all its parts as per the chapter.
			Article Writing	**1.** Creativity. **2.** Collaboration & Brain Storming **3.** Communication & Critical Thinking **4.** Activity based - Power point presentation	**1.** Paste ***cuttings of Newspaper Articles*** in the class Notebook. **2.** Write ***self-composed article*** on spreading awareness among students about COVID -19.
4	July 16th - 31st	10	***The Address***	**1.** Interaction - On address and its social importance. **2.** Group Discussion - World War - II **3.** PPT/Videos & Handouts 4. Dramatization Technique	**1.** ***Dramatization*** - Role play in the class. **2.** ***Pen portrait*** of Mrs. Dorling and Mrs. S with sketches.

			The Laburnum Top	**1.** Active Participatory learning pedagogy. **2.** PPT based explanation for visual connect. **3.** Rhythm & Intonation **4.** Poetic devices	**1.** Write ***difficult words/meaning*** and make ***pictures*** of it.
			Note Making	**1.** PPT demonstrating the technique and art of note making. **2.** Format Discussion **3.** Annotation, outline notes, column notes, mind maps and summary notes.	**1.** Make notes on the text book chapter "Discovering Tut.." **2.** Make ***annotation on newspaper article*** and filter important points and sub points by color coding them and ***paste it in the school notebook***.
5	Aug 1st - 14th	10	***Ranga's Marriage***	**1.** Story Telling Method **2.** Discussion on - Social norms & obligations. **3.** Role-Play while reading the chapter	**1.** Write an Article on ***Importance of English Language.*** **2.** ***Debate*** on Arrange Marriage vs Love Marriage
			The Voice of the Rain	1. Digital ***pictorial presentation*** of the Poem. 2.Poet & background 3. ***Group Discussion*** - Rain & it's cycle.	**1.** Make a ***handmade water cycle*** with all the terms used in the poem.
			Narrative	**1.** E-Learning - Format & sample **2.** Method of writing and it's relevance. **3.** Activity oriented.	Write a Narrative on a Topic ***"An episode from your school life"***
6	Aug 16th - 31st	9	***Landscape of the Soul***	**1. Group Discussion -** Chinese Art & European Art **2. E-Learning** - Pictorial Presentation	1. ***Paste a Picture*** of both Art forms in the notebook and write comparison
			The Ailing Planet	**1.** Present Environment Linkage. **2.** Complex Thinking **3.** Interactive Learning	1. Write an Article on ***"Environment Degradation".***
			Classified Advertisements	**1.** PPT demonstrating the technique of writing Classified Ads. **2. Discussion -** Format & Samples **3. News Paper -** Classified Section Analysis	***1. Digital Collage*** of all kinds of Classified Ads.
7	Sep 1st - 15th	3	***Business Letters***	**1.** PPT demonstrating the technique of writing Classified Ads. **2. Discussion -** Format & Samples	Handouts & Worksheet on Business Letters.
8	Sep 16th - 30th	9	***Albert Einstein at School***	**1. Collaboration** - Discussion & Debating **2. HOTS** - Problem Solving & Analytical Skills	**1.** Research on Albert Einstein and his Inventions
			Assessment of Listening & Speaking - SA-1	**5 Concepts**- Reliability, Validity, Authenticity, Practicality & Washback	***Interview Based Assessment*** to enhance speaking skills and confidence level
9	Oct 1st - 15th	7	***The Ghat of the Only World***	**1.** Discussion about Author & his work **2.** Interactive & collaborative method. **3.** Video presentation on Author & his untimely death.	**Debate** - "Secularism in India."

			Poster Making	**1.** E-Learning - Format & sample **2.** Method of designing attractive poster **3.** Activity oriented.	**1.** Design a visually attractive poster on a given topic. **2.** Design a ***digital poster*** showing all your computer skills on any social topic
10	Oct 16 - 30th	7	***Mother's Day***	**1.** Real Life Linkage. **2.** Anticipatory Method. **3.** Complex Thinking **4.** Interactive Learning	**1.** **Poster Making** - Gender Equality
			Debate & Speech Writing	**1.** E-Learning - Format & sample **2.** Method of writing and its relevance. **3.** Activity oriented.	**1.** ***Student Presentation*** - Students will deliver a speech on the topic of their choice.
11	Nov 1st - 15th	9	***The Browning Version***	**1.** Blended Learning **2.** Real Life Linkage **3.** Complex Thinking **4.** Student's Opinion	**1.** Design a Cross word sheet. **2.** Write a character comparison on Mr. Crocker Haris & Frank
			The Adventure	**1.** Participatory Learning. **2.** Group Discussion - Historical Events. **3.** E-Learning & Video Presentation	**1.** **Short Debate** - **(i)** The Realistic Possibility of the Alternate History **(ii)** What if 9/11 Never Happened.
12	Nov 16th - 30th	12	***Art Integrated English Activities***	**1.** Student Oriented **2.** Communication **3.** Creativity & Innovation	**1.** Performing Art **2.** Interactive Sessions for Language excellence **3.** Role Play / Quiz etc.
			Childhood	**1.** Types of Poetry **2.** Rules Of Recitation. **3.** Figurative Language. **4.** Power point presentation.	**1.** **Poster making** - Stages of Life. **2.** **Speech** - Childhood experience.
13	Dec 1st - 15th	7	***Birth***	**1.** **Group Discussion** -Professional Commitments **2.** Critical Analysis & Collaboration **3.** Digital Module etc.	**1.** **Debate** - *"2 yrs internship should be made compulsory to the medical graduates."* **2.** **Role Play** - Character analysis through a role play.
			Father to Son	**1.** Introspection **2.** Synopsis of Poem. **3.** Mental Readiness by asking questions.	**1.** Research on the biblical reference of **"Prodigal Son"** **2. Role Play-**Interviewing a partner on the Topic ***"Generation Gap"***
14	Dec 16th - 31st	7	***Silk Road***	**1.** Digital Module. **2.** Collaborative Learning. **3.** Pictorial Presentation. **4.** Brain-Storming Session	**1.** **Map Work** - Locate & Mark Silk Route on the Map and paste in the notebook.
15	Jan 1st - 15th	5	***Report Writing***	**1. PPT** demonstrating the technique of writing Newspaper & School Magazine Report **2. Discussion -** Format & Samples **3. News Paper -** Analysis on various diff. reports	**1.** Paste ***cuttings of Newspaper Report*** in the class Notebook. **2.** Design Digital ***E-Magazine Report*** for School Magazine

16	Jan 16th - 31st	11	***Assessment of Listening & Speaking - SA-1***	**5 Concepts**- Reliability, Validity, Authenticity, Practicality & Washback	***Interview Based Assessment*** to enhance speaking skills and confidence level
			Tale of a Melon City	**1.** Discussion - Humor & Satire **2.** Type of Poetry **3.** PPT presentation.	**1.** Write a passage in 100 words on your favourite Leader & draw/paste his/her sketch/picture.
17	Feb 1st - 28th		***Revision - Complete Syllabus***	**1.** Group Discussion. **2.** Student centric approach. **3.** E-Learning **4.** Digital Modules	**1.** Oral Test & Discussions. **2.** Google Forms & Quiz **3.** Written Surprise Test **4.** Revision through Role Play's.

ENGLISH ART INTEGRATED ACTIVITIES	
AUGUST	**Poster Making** - Wildlife Conservation & Gender Equality
	Brochure Making - Classified Ads
	When Words Meet Picture - Write an Article based on given picture
NOVEMBER	**Performing Activities** - Debate, Group Discussion & Role Play, Spellathon, Quiz Crossword etc.

EXAMINATIONS

UT-1 – 25 Marks (Objective + Subjective)

Prose

- The Portrait of a Lady
- We are not afraid to die..
- The Summer of a Beautiful White Horse
- Discovering Tut Saga Continues..

Poetry

- A Photograph
- The Laburnum Top

Writing Skill/Grammar

- Notice Writing
- Grammar – Gap Filling, Re-Ordering/Transformation of Sentences

Mid Term (SA-1) – 40 Marks (Objective + Subjective)

Prose

- The Address
- Landscape of the Soul
- Ranga's Marriage
- Ailing Planet; Green Movement

Poetry

- The Voice of the Rain – Poem

Reading

- Comprehension – Objective

Writing Skill/Grammar

- Note Making
- Business Letters – Placing Order & Enquiry
- Grammar – Gap Filling, Re-Ordering/Transformation of Sentences

Assessment of Speaking & Listening – 20 Marks (Mid Term)

Annual Examination (SA-2) – 80 Marks (Objective + Subjective)

- The entire syllabus will come for the Annual Examination.
- Grammar will be tested in integrated form.
- Reading & Comprehension
- Creative Writing Skills and Grammar
- Literature - Textbooks and Supplementary Reading Text

Assessment of Speaking & Listening – 20 Marks (Final Term)

Submitted By:

English Faculty

Shalini Singh / Bhumika Arora

Prescribes books:

Hornbill (N.C.E.R.T)

Snapshots (N.C.E.R.T)

Yearly Plan for XI Mathematics (2021-22)

I Semester

Sno	Date	Topic	No. of periods	Covered	Pedagogy	Activities
1	1-6-21 to 15-6-21	Sets	10	i) introduction ii) Meaning of sets iii) Types of sets iv) Operation of sets and properties v) Application of sets	e-learning, digital mode, problem solving method	Collection of books, making **mind map, pitorial presentation of propeties of sets**
2	16-6-21 to 25-6-21	Linear inequations	5	i) meaning of inequations in one variable ii) solution of one variable inequation iii) solution of two variable in equation vi) solution of inequations in two variables through graph	e-learning, digital mode, problem solving method	* Understanding the concepts by using practical problems ** finding the commmon region by graph *** finding the solution of one variable inequation on number line
3	26-6-21 to 30-6-21	Mathematical Induction	4	i) introduction ii) meaning of induction iii) verifications	Problem solving method	*verify the concept by using different examples
4	1-7-21 to 20 -7-21	Complex Number	10	i) introduction ii) Meaning of iota iii) Definition iv) Basic operations v) Conjugate of complex number vi) modulus of complex number vii) square root of the number viii) Polar form	E-learnig digital mode problem solving method	Presentation of complex number on 2D, by keeping real part on X-axis and imaginary part on Y-axis.

5	1-8-21 to 20 -8-21	Trigonometry	14	* Compound angle ratio * multiple angle ratio * solution of trigo functions	E-learnig digital mode problem solving method	* **Sketch human face/ cartoon character by using identies** ***casestudy of any monuments/ bridge/ natural hill by using trigo**
6	21-8-21 to 31-8-21	Permutation	7	* Meaning of factorial * principle of counting * permutatins r things out of n things * different type of arrangement	E-learnig digital mode problem solving method	* Explain the arrangement by using 3,4, or 5 students . * **Arrangement of 3 or 4 items by using different colour sheets**

UNIT TEST 1 : Sets, LinearInequations and Principle of mathematical Induction

FIRST SEMESTER : Sets, Linear ineqations, Mathematical inductions, Complex number, Trigonometry and Permutations

II SEMESTER

S.No	Date	Topic	No. of periods	Covered	Pedagogy	Activities
1	20-9-21 to 30- 9-21	Combinations	7	* meaning * selection of r out of n * properties	*E – learning * digital mode * Problem solving method	Problem soving method in group activity * **selection of 3 out of 5 by using origami method**

2	4-10-21 to 12 -10-21	Binomial Theorem	7	* Definition * Exansion of $(x+y)^n$ * general term * middle terms * coefficient of x^r	*E – learning * digital mode * Problem solving method	**Making Pascals Triangle** **Draw mind map**
3	21-10-21 to 07-11-21	Sequence and series	12	* basic definition of sequence * Arithmatic progression * Geometric progression * special sequence	*E – learning * digital mode * Problem solving method	Soving the problem in group **Draw mind map**
4	8-11-21 to 16-11-21	Relation and function	7	* Definiton * Cartesian product * Domain and range * types of standard functions * domain and range of functions	*E – learning * digital mode * Problem solving method	Solving the problems in group * **Pictorial presentation of functions** *** mind map of relations**
5	16-11-21 to 30-11 – 21	Limits Derivatives	12	* definition * Left hand limit * Right hand limit * method of solving limit * first principle method * Formula method	Problem soving method	Solving problem in group geometrical interpretation of derivative **Represent the dy/ dx at x = a through graph**
6	1-12-21to 15-12-21	Coordinate geometry: Straight line	7	* definition * Revision of previous year concept * Slope of line * finding equation of straight line	Problem solving method Degital mode explain through graph	Solving problem in group Draw mind map
7	16-12-21 to 31-12-21	Straight line Coni section	7	Family of straight line Distance of point from a line Reduce the general equation to particular form parabola, ellipse and hyperbola	e- learning problem solving method	**Mind map** **Pictorial presentation of conic figure**

8	10-1-22 to 14-1-22	Introduction to 3D geometry	4	* definition * Meaning of octant * Distance formula, section formula	e- learning problem solving method	Mind map
9	15-1-22 to 25 – 1- 22	Statistics Probability	8	Mean deviation through mean/median Standard deviation Basic definition of probability finding probability through permutation/ combination Addition theorem	e- learning problem solving method	Draw mind map
10	27-1-22 to 31-1-22	Mathematical Reasoning	3	Meaning of statementand sentence Navigation of statement	Lecture method	Group activity
11	1-2-22 onwards	Revision				

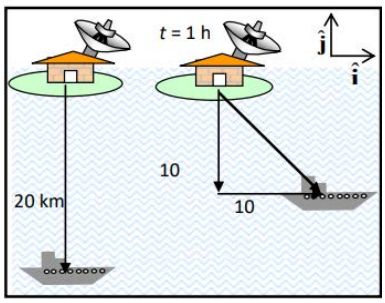
NOTE :

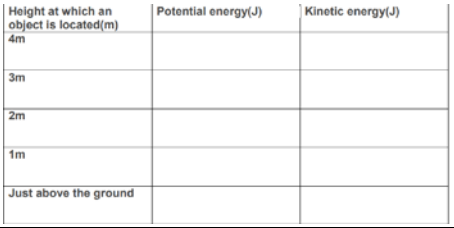
Unit test 2 : Combination , Binomial theorem, sequence and series , Relation and function

Annual Examination : Full syllabus

PHYSICS SYLLABUS
CLASS-XI (2021-22)

TERM-I

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	Syllabus Covered	Pedagogy (learnercentred)	Art Integrated/Other Activities
1.	June 1st – 15th	**Units And Measurements**	12	Chapter1: Units And Measurements	Demonstration, E- learning, Brainstorming, Computational thinking	Using experimental data compute the errors in various quantities.
2.	June 16th – 30th	**Motion In A Straight Line**	12	Chapter2: Motion In A Straight Line	Incidental Learning, Context Based Learning, Brainstorming	1. Plot position vs time graph for the following cases a) Stationary motion b)uniform motion c) non uniform motion 2. Plot velocity vs time graph for the following cases and calculate slope in each case a)uniform acceleration b) non uniform acceleration c) deceleration
3.	July 1st – 15th	**Periodic Test-1 + Motion In A Plane**	6	Chapter 3: Motion In A Plane	E- learning, Brainstorming, Computational Thinking	See the diagram and analyze the problem. Now calculate the resultant velocity. 
4.	July 16th – 31st	**Motion In A Plane**	12	Chapter 3: Motion In A Plane(Contd.)	E- learning, Brainstorming, Computational Thinking	
5.	August 1st – 15th	**Laws Of Motion**	12	Chapter 4: Laws Of Motion	E-Learning, Experiential based learning, Argumentation, Incidental Based Learning	**Experiential based activity:** The students will be asked to calculate the coefficient of friction between a block of wood and glass.

6.	August 16th – 31st	**Work, Power And Energy**	10	Chapter 5: Work, Power And Energy	Demonstration, E-learning, Computational Learning	An object of mass 20 kg is dropped from a height of 4 m. Fill in the blanks in the following table by computing the potential energy and kinetic energy in each case. Take g = 10 m/s^2 
7.	Sept. 1st – 15th	**Work, Power And Energy (Contd.)+ Revision for Sem. Exams**	6	Chapter 5: Work, Power And Energy (Contd.)+ Revision for Sem. Exams	Inductive Deductive, Brainstorming, E-learning	

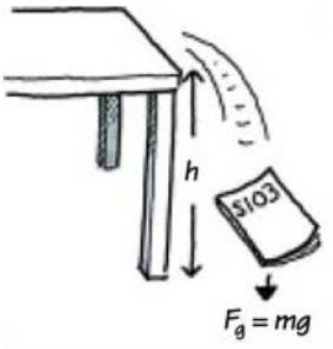
Note: Students will be asked to record the practicals in their practical file as per the cbse syllabus.

Periodic Test 1:

Chapter-1: Units And Measurements
Chapter-2: Motion In A Straight Line

TERM-II

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	Syllabus Covered	Pedagogy (learner centred)	Art Integrated/Other Activities
1.	Sept. 16th – 30th	**System Of Particles And Rotational Motion**	8	Chapter6: System Of Particles And Rotational Motion	Activity oriented, Use of Multimedia, Demonstration	PPT On Applications Of Law Of Conservation Of Angular Momentum.

<table>
<tr>
<td>2.</td>
<td>Oct. 1st – 15th</td>
<td>System Of Particles And Rotational Motion(Contd.)</td>
<td>12</td>
<td>Chapter6: System Of Particles And Rotational Motion(Contd.)</td>
<td>Activity oriented, Use of Multimedia, Demonstration</td>
<td>Find out the torque, moment of inertia and angular momentum for the following values as given in the table.
<table>
<tr><th>For object 1 Position (cm)</th><th>Angular velocity (rad/s)</th><th>Torque</th><th>Moment of Inertia</th><th>Angular momentum</th></tr>
<tr><td>1</td><td>1</td><td></td><td></td><td></td></tr>
<tr><td>2</td><td>2</td><td></td><td></td><td></td></tr>
<tr><td>3</td><td>2</td><td></td><td></td><td></td></tr>
<tr><td>2</td><td>3</td><td></td><td></td><td></td></tr>
<tr><td>3</td><td>3</td><td></td><td></td><td></td></tr>
</table>
</td>
</tr>
<tr>
<td>3.</td>
<td>Oct. 16th – 31st</td>
<td>Gravitation</td>
<td>12</td>
<td>Chapter 7: Gravitation</td>
<td>Demonstration, E-learning, Computational Learning</td>
<td>Experiential Based Activity: Suppose that the book has a mass m, and the table top is a distance h above the floor. Write down an equation for the work W done by gravity on the book as it falls from the table top to the floor


</td>
</tr>
<tr>
<td>4.</td>
<td>Nov. 1st – 15th</td>
<td>Properties Of Bulk Matter</td>
<td>8</td>
<td>Chapter 8 and 9: Mechanical Properties Of Solids + Mechanical Properties Of Fluids</td>
<td>Activity method, Experiential Learning , E-Learning</td>
<td>Using O-Labs find the spring constant of a helical spring.</td>
</tr>
<tr>
<td>5.</td>
<td>Nov.16th – 30th</td>
<td>Properties Of Bulk Matter(Contd.)</td>
<td>12</td>
<td>Chapter 9: Mechanical Properties Of Fluids(Contd.)</td>
<td>Brainstorming, e-Learning, Analytico-Synthetic</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Dec. 1st – 15th</td>
<td>Thermal Properties Of Matter + Kinetic Theory of Gases</td>
<td>12</td>
<td>Chapter 9: Thermal Properties Of Matter + Chapter 10: Kinetic Theory of</td>
<td>E- learning, Discussion, Concept based learning.</td>
<td>Make a concept map of the chapter.</td>
</tr>
</table>

				Gases		
7.	Dec. 16th – 31st	**Thermodynamics**	10	Chapter 11: Thermodynamics	Learning Through Argumentation, Incidental Learning, Computational Thinking	Draw Flow Chart To depict the working of a refrigerator and a Carnot cycle.
8.	Jan. 1st – 15th	**Thermodynamics (Contd.)+Waves and Oscillations**	6	Chapter 11: Thermodynamics + Chapter 12: Oscillations	Brainstorming, e-Learning, Analytico-Synthetic, Inductive-Deductive	Make a concept map of the chapter.
9.	Jan. 16th – 31st	**Waves And Oscillations (Contd.)**	12	Chapter 13: Waves	E- learning, Discussion, Concept based learning.	Numericals based on waves and oscillations.
10.	Feb. 1st – 15th	**Waves And Oscillations (Contd.) + Revision for Annual Exams**	12	Chapter 13: Waves	E- learning, Discussion, Concept based learning.	

Periodic Test 2:

Chapter-6: System Of Particles and Rigid Bodies

Chapter-7: Gravitation

****

CHEMISTRY SYLLABUS
CLASS- XI (2021-22)

TERM-I

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	Syllabus Covered	Pedagogy (learner-centred)	Art Integrated/Other Activities
1.	JUNE 1st – 15th	Some basic concepts of Chemistry	12	Unit 1 : Laws of chemical combination, Mole concept, Stoichiometry	Context based learning, Critical thinking Brainstorming	Determination of number of moles of salt consumed in a day
2.	June 16^{th} – 30^{th}	Structure of Atom	12	Unit 2 -Atomic Models, Bohr's model, Bohr's model for Hydrogen atom, Quantum model of an atom	e-Learning, creative thinking, communicative, brain storming	3-D model of shapes of orbitals using beads and pipes
3.	July 1st – 15^{th}	Periodic Test-1, Classification of elements&Periodicity in properties	6	Unit 3-Genesis of periodic classification, Modern periodic table, electronic configuration and types of elements:s,p,d,f	Context based learning, Learning through argumentation, E-learning, creative thinking	Make your own rhyme /song to memorize the periodic table (Mnemonics)

4.	July 16th – 30th	Chemical Bonding and Molecular structure	12	Unit 4- Ionic bond,covalent bond, bond parameters, VSEPR theory,, VBT, Hybridisation, MOT, Hydrogen bonding	Concept based learing, group discussion, collabrative, creative thinking	Using clay exhibit sp, sp2 and sp3 hybridisation
5.	August 1st – 15th	States of Matter	12	Unit 5- Intermolecular forces, Thermal energy, The Gas laws, Ideal gas equation, Kinetic molecular theory, Real Gases, Liquefication of gases, liquid state	Concept based learning, Critical thinking, collaborative, interactive and argumentative	Sketch the isotherm of CO2 at various temperatures, Experimental determination of viscosity on O lab, Why are aerated bottles kept in water during summer?
6.	August16th – 31st	Thermodynamics	12	Unit 6- Thermodynamic terms,Measurement of change in enthalpy and internal energy, First law of thermodynamics	e- learning, Brainstorming, demonstrative, Critical thinking	Prepare a PPT explaining the enthalpy and entropy changes occuring during the reaction. Experimental determination of enthalpy change when NaOH reacts with HCl
7.	Sep 1st - 18 th	Unit 6 Thermodynamics contd. + Revision + Term 1 exam	6	Enthalpies of different types of reactions	Brain storming, Argumentstive, Critical thinking, Computational thinking	Activity to study the shift of equilibrium with the change in concentration in reversible reactions like Haber's process

NOTE : Students will be asked to perform and record the practicals in their practical file as per the CBSE syllabus

EXAM	UNIT/CHAPTER
UT-1	Units 1 and 2
TERM-1	Units 1,2,3,4,5 and 6

TERM II

8.	Sept19th – 30th	Unit 7-Equilibrium	6	Equilibrium in physical and chemical processes, Law of chemical equilibrium, Application of K,	Demonstration, e-learning, Embodied learning, Activity oriented, Heuristic approach	Activity to study the shift of equilibrium with the change in concentration in Haber's process using Olab
9.	Oct. 1st – 13^{h}	Unit 7-Equilibrium cont.	10	Relationship between K, Q and G, Ionic equilibrium, Acids, Bases and salts, Buffer solutions, Solubility product	he electro	Activity to study the shift of equilibrium with the change in concentration in ionic equilibrium of Fe2+ and SCN- on O Lab

10	Oct. 21st– 31st	Unit 8- Redox Reactions	10	Classical and Electronic concept of Redox reactions, Oxidation number, Redox reactions and Electrode processes	Interactive and collaborative experience,incidental learning, Critical thinking, activity oriented	Activity to set up the electrochemical cell with unit concentrations and determine the EMF of the cell
11	Nov. 1st - 15 th	Unit 12- Organic chemistry- Basic principles and techniques	10	Structural representation and classification of organic compounds,isomerism, Fundamental concepts in organic reaction	Student- teacher interaction, Visualization, Context based learning, Cross over learning	3-D model of Carbocation and Carbanion using clay, Representation of Inductive and Electromeric effect by using beads and thread
12	Nov. 16th - 30 th	Unit 13- Hydrocarbons	12	Classification , General methods of preparation of alkanes and alkenes and their physical and chemical	Interactive and collaborative experience,incidental learning, Critical thinking, Visualization	3-D model of staggered and eclipsed conformation of Ethane by clay modelling
13	Dec. 1st to 15 th	Unit 13- Hydrocarbons cont. Unit 14 - Environmental Chemistry	12	Alkynes and Aromatic Hydrocarbons- their methods of preparation and physical and chemical properties. Atmospheric pollution, Water and soil pollution, Industrial waste, Green chemistry	Brain storming, Critical thinking, Visualization, Integrative approach, Compare- contrast matrix, Peer learning, Reflective approach	Concept map for preparation and properties of hydrocarbons, Project work on strategies to control Environmental pollution

14	Dec. 16 th to 31st	Unit 9- Hydrogen Unit 10- The s- block elements	12	Position of Hydrogen in periodic table, Preparation and properties of Hydrogen, General characteristics of Group 1 and group 2 elements, Diagonal relationship	Argumentative learning, Context based learning, Multimedia approach, Computational thinking	Mind map for Group 1 and Group 2
15	Jan 10 to 25 th	Unit 11- The p- block elements + Revision	12	Group 13 elements, Important trends and anomalous properties of Boron Group 14- Carbon family	Student- teacher interaction, Constructivist, collaborative learning, Context based learning, Inquiry based learning	ppt for exhibiting the structure of Diborane

NOTE : Students will be asked to perform and record the practicals in their practicle file as per the CBSE syllabus

EXAM	UNIT
UT -2	Units 7, 8 and 12
Final	Entire Syllabus

Computer Science SYLLABUS
CLASS-XI (2021-22)
TERM-I

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	Syllabus Covered	Pedagogy (learnercentred)	Art Integrated/Other Activities
1.	June 1st – 15th	**Comp System & Organisation**	12	Basics of Computer	Demonstration, E- learning, Brainstorming, Computational thinking	Prepare a mind map on types of software.
2.	June 16th – 30th	**Comp System & Organisation**	12	Number system	E- Learning, Context Based Learning, Brainstorming	Prepare a PPT on Number systems
3.	July 1st – 15th	**Periodic Test-1 + Basics of Python**	6	1.Data types 2.Operators 3.Expressions	E- learning, Plausibility of Choices, Computational Thinking	
4.	July 16th – 31st	**Conditional Statements**	12	If statement	E- learning, Brainstorming, Stimulate discussion among Students	Draw the decision tree of if statement
5.	August 1st – 15th	**Iterative statements**	12	*while*	E-Learning, Learning by doing, Flowchart method	Draw Pyramid of Stars and numbers.
6.	August 16th – 31st	**Iterative statements**	10	For	E-Learning, Learning by doing, Flowchart method.	Draw flowchart for sequence, conditional and iterative statements

7.	Sept. 1st – 15th	**Iterative statements (Contd.)+ Revision for Sem. Exams**	6		E-Learning, Learning by doing, Flowchart method.	

Periodic Test 1:

1: Computer system and Organization

2: Basics of Python

Term 1

1: Computer system and Organization

2: Basics of Python

3. Conditional Statements

4: Iterative statements

TERM-II

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	Syllabus Covered	Pedagogy (learner centred)	Art Integrated/Other Activities
1.	Sept. 16th – 30th	**Sequence data types**	8	List	Activity oriented, Use of Multimedia, Demonstration	Show diagrammatically append, insert and concatenate operation on List.
2.	Oct. 1st – 15th	**Sequence data types**	12	List (Contd.)	Activity oriented, Use of Multimedia, Demonstration	Prepare a PPT on pop, delete and remove.
3.	Oct. 16th – 31st	**Sequence data types**	12	Strings	Activity oriented, Use of Multimedia, Demonstration	Show string concatenation and multiplication using animation

4.	Nov. 1st – 15th	**Sequence data types**	8	Two Dimensional list	Activity method, Experiential Learning , E-Learning	Displays a grid of Cell objects stored in a two-dimensional list.
5.	Nov.16th – 30th	**Sequence data types**	12	tuple	Activity method, Experiential Learning , E-Learning	Show on A4 sheet basic difference between List and tuple in context of mutable and non-mutable.
6.	Dec. 1st – 15th	**Sequence data types**	12	Dictionary	E- learning, Discussion, Concept based learning.	Make a collage on sequence data type in python.
7.	Dec. 16th – 31st	**Python Module**	10	Importing inbuilt modules	Teaching through presentation.	Create a GUI presentation on inbuilt modules in python.
8.	Jan. 1st – 15th	**Cyber safety**	6	Definition Types & cyber crimes	E-learning, Cloud computing and Discussion	Prepare a chart on A3 sheet on cyber safety and & crime
9.	Jan. 16th – 31st	**Social Media Ethics**	12		E- learning, Discussion, Think-pair and share method	Prepare a basic instruction poster to show Social Media Ethics
10.	Feb. 1st – 15th	**Revision for Annual Exams**	12	Chapter 13: Waves	E- learning, Discussion, Concept based learning.	

Periodic Test 2:

1: List

2: String

Final Exam

Complete Syllabus

Reeta Sahoo

****

BIOLOGY SYLLABUS (2021-2022)
CLASS XI

TERM-I

S.NO	Duration	Chapter/Topic	No: of Teaching Periods	Syllabus Covered	Pedagogy	Art Activity/Other Activities
1.	June 1st-15th	**Cell:The Unit Of Life**	11	(i)Cell theory (ii)Cell organelles (iii)Cell membrane	Diagrams of cell organelles Recap wth help of lolly lotto w.r.t organelles and its functions	Flash cards based on cell organelles and its functions
2.	June 16th-30th	**Biomolecules**	12	(i)Bio-macromolecules (ii)Enzymes-structure, classes, co-factors	Video showing 3-D structure of DNA and different structures of proteins Use of multimedia	Food sample test-Glucose, Sucrose, Proteins, Fats Experiment on salivary amylase
3.	July 1st-15th	**Cell cycle and Cell Division** **Digestion and Absorption**	6	(i)Mitosis and Meiosis (i)Alimentary canal (ii)Process of digestion (iii)Disorders	Use of multimedia(PPT) Showing permanent slides of mitosis Discussion Flow Chart of the process of Digestion Diagram of Digestive system	Slide preparation of onion root tip Experiment showing digestion of starch by salivary amylase
4.	July 16th-31st	**Breathing and Exchange of Gases**	12	(i)Human respiratory system	Concept based learning	Word wall of terms of pulmonary

				(ii)Mechanism of breathing (iii)Disorders	Diagram of Respiratory system Recap wth help of lolly lotto	system with meaning
5.	Aug 1st-15th	**Body Fluids and Circulation**	11	(i)Components of blood (ii)Blood groups (iii)Human circulatory system (iv)ECG (v)Disorders	Learning through argumentation Diagram of Human heart Flow chart on blood circulation	Exit card on structure of heart and ECG
6.	Aug 16th-31st	**Excretory Products and its Elimination** **Locomotion and Movement**	10	(i)Human excretory system (ii)Urine formation (iii)Hormonal control (i)Muscle contraction (ii)Skeletal system (iii)Disorders	Inductive-Deductive E-learning Diagram of sliding filament theory	Urine sample tests in the lab for abnormalities Joining of different given bones to make a skeleton
7	Sept 1st-15th	**Chemical Co-ordination** **<u>Semester Exam</u>**	4	(i)Glands-Endocrine and Exocrine	Brain storming, activity oriented	Make a concept map of the chapter

<u>TERM-II</u>

S.NO:	Duration	Chapter/Topic	No: of Teaching Periods	Syllabus Covered	Pedagogy	Art Activity/Other Activities
1.	Sept 16th-30th	**Chemical Co-ordination**	8	(i)Glands-Location, hormones & its functions	Recap with lolly lotto Asking ques by Mentimeter	Make a concept map of the chapter

2.	Oct 1st-15th	**Transport in Plants**	11	(i)Transport of water (ii)Transport of Food	Brain storming Reflective Practice,	Calculating rate of Transpiration using cobalt chloride Distribution of stomata on leaf
3.	Oct 16th-31st	**Mineral Nutrition**	12	(i)Micro Macro nutrients-its role and deficiency (ii)N_2 Fixation	Participatory technology Use of multimedia	Concept map of pathways Preparing potato osmometer
4.	Nov 1st-15th	**Photosynthesis in Plants**	8	(i)Light and Dark Reaction (ii)C_3 and C_4 Pathway (iii)Photorespiration	Learning through group discussion Recap with lolly lotto	Plotting graph for various factors affecting photosynthesis Making of chromatogram
4.	Nov 16th-30th	**Respiration in Plants** **Plant Growth and Development**	12	(i)Glycolysis (ii)TCA cycle (iii)Photorespiration (i)Plant Hormones and its functions (ii)Photoperiodism & Vernalisation	Flow chart of different pathways E-learning Brainstorming	Draw diagram of chloroplast Make a concept map of the chapter
5.	Dec 1st-15th	**Morphology of Flowering Plants** **Anatomy of Flowering Plants**	11	(i)Structure and modifications of Stem, Root ,Leaf and Flowers (i)Types of tissue (ii)Dicot and Monocot root and stem (iii)Sec Growth	Brain storming, activity oriented Learning through argumentation	Flower dissection Making a F.F Cutting section of T.S-Dicot root and stem
6.	Dec 16th-31st	**Structural Organisation in Animals**	10	(i)Types of Animal tissue (ii)Cockroach-Detailed study	Use of Multimedia	Make a concept map of the chapter
7.	Jan 1st-15th	**Biological Classification**	6	Kingdom (i)Monera	Recap with lolly lotto	Outline diagram of different

		Plant Kingdom		(ii)Protista (iii)Fungi (i)Life cycles-Bryo, Pterido, Gymno and Angiosperms	Use of Specimens Participatory technology	divisions Diagram of life cycles Plant specimens
8.	Jan 16th-31st	**Animal Kingdom**	12	Salient features of all phylum/classes of: (i)Chordates (ii)Non Chordates	Participatory technology Use of Specimens	Make a concept map of the chapter Animal specimens
9.	Feb	**Revision + Final Exam**	10	Doubts will be taken + Revision	Student oriented	

EXAMINATION SCHEDULE

Examination	**Max Marks**	**Month**	**Syllabus**
Unit Test-1	**25**	**July**	**Cell: Unit of life Biomolecules**
First Semester	**70**	**September**	**Unit-III & V (Cell:structure and function , Human Physiology)**
Unit Test- 2	**25**	**December**	**Transport in Plants Mineral Nutrition Photosynthesis Respiration in plants**
Final Exam	**70**	**January**	**Entire Syllabus**

NOTE: Students will be asked to record the practicals in their file as the respective topics and activity will be completed in the class as per CBSE curriculum

---

BUSINESS STUDIES SYLLABUS

CLASS-XI (2021-22)

TERM-I

S. No.	Duration	Chapter/Topic	No. of Teaching Days	Syllabus Covered	Pedagogy (learner centred)	Art Integrated/Other Activities
1.	June 1st – 15th	**Unit 1: Evolution and Fundamentals of Business**	11	Ch1: History of Trade and Commerce in India Business, profession, and employment- Concept Business – meaning, characteristics & Objectives Classification of business activities - Industry and Commerce Business risk- Concept	PPT E- learning, Brainstorming, Context based learning.	1. Select a local business unit and find out- the objectives it pursues/risks faced by it. 2. Draw a flow chart showing the classification of business activities
2.	June 16th – 30th	**Unit 2: Forms of Business Organizations**	13	Ch2: Concept, merits, and limitations of --Sole Proprietorship - Partnership types, . registration Types of partners -Hindu Undivided Family Business: Concept -Cooperative Societies types, Company -; Types: Private, Public and One Person Company – Concept Formation of the company – stages.	Incidental Learning, E-learning. Context Based Learning, Brainstorming	1 Make a PPT on types of cooperative societies with real life operational cooperatives
3.	July 1st – 15th	**Periodic Test-1 +Unit 2 (contd.)**	7	Ch 2: important documents Choice of the form of business organization	E- learning, Brainstorming, Experiential learning Discussion	Make a specimen draft of Certificate of incorporation

4.	July 16th – 31st	**Unit 3: Public, Private and Global Enterprises**	11	Ch 3: Public sector and private sector enterprises – Concept Forms of PSE: Departmental Undertakings, Statutory Corporations, and Government Co. Global Enterprises – Feature. Joint ventures, Public-private partnership – concept	E- learning, Brainstorming, Incidental learning	Collect information on at least one company which has been selected for disinvestment. Examine the controversies surrounding it and present it as a PPT
5.	August 1st – 15th	**Unit 4: Business Services**	10	Ch 4: Business services – meaning and types. Banking: Types of bank accounts Banking services, E-Banking meaning, Types of digital payments Insurance – Principles. Types Postal Service	E-Learning, Argumentation, Incidental Learning	Collect information about various facilities and services offered by banks and compile them in the form of a presentation.
6.	August 16th – 31st	**Unit 5: Emerging Modes of Business**	11	Ch 5: E-business: concept, scope, and benefits Business Process Outsourcing (BPO): Concept, need, and scope	E-learning, Discussion Context based learning	Make a concept map of the chapter.
7.	Sept. 1st – 15th	**Revision for Sem. Exams**	3	Revision for Sem. Exams	Inductive Deductive, Brainstorming, E-learning	Solving case studies and competency based questions

Note: Students will be asked to prepare projects as per the CBSE syllabus.

Periodic Test 1:

Chapter-1: Evolution and Fundamentals of Business

Chapter-2: Forms of Business Organizations (partly)

TERM 1 : Chapters 1, 2, 3, 4 & 5

TERM-II

S. No.	Duration	Chapter/Topic	No. of Teaching Days	Syllabus Covered	Pedagogy (learner centred)	Art Integrated/Other Activities
1.	Sept. 16th – 30th	**Unit 6: Social Responsibility of Business and Business Ethics**	10	Ch6: Social responsibility- Concept Case for, Responsibility towards owners, investors, consumers, employees, government, and community; Role of business in environmental protection. Business Ethics - Concept & Elements	Didactic questioning Use of Multimedia, Discussion	PPT On how business organisations in India are fulfilling their social responsibility towards various interest groups in the pandemic.
2.	Oct. 1st – 15th	**Unit 7: Sources of Business Finance**	10	Ch 7: Business finance: Concept & Importance; Classification Owners' funds- equity shares, preferences share, retained earnings,	E-learning, Group learning. Inquiry learning.	1. Numericals based on Trading on Equity 2. Students asking questions framed by them from each other.
3.	Oct. 16th – 31st	**Unit 7: Sources of Business Finance (Contd.)**	9	Chapter 7: contd. GDR, ADR, and IDR – concept Borrowed funds: debentures and bonds, loan from a financial institution and commercial banks,	E-learning, Cooperative learning. Computational Learning	Calculate the EPS to understand the concept of Financial Leverage
4.	Nov. 1st – 15th	**Unit 7: Sources of Business Finance (Contd.)**	7	Ch 7: contd. Public deposits, trade credit Borrowed funds: Inter Corporate Deposits (ICD) – Concept	Activity method, Experiential Learning , E-Learning	Prepare Case studies and ask from each other.
5.	Nov.16th – 30th	**Unit 8: Small Business and**	10	Ch 8: Entrepreneurship	Brainstorming, E-Learning,	Collect information about the kind of problems faced by Small Scale units and

		Entrepreneur-ship Development		Development (ED): Concept and Need. Process of ED, Start-up India Scheme, ways to fund the start-up. Intellectual Property Rights and Entrepreneurship; Small scale enterprise :Definition Role of small business in India w.r.t. rural areas Govt. schemes and agencies for small scale industries: (NSIC) & (DIC) w.r.t rural, backward areas	Didactic learning, Cooperative learning	find out if they have received any assistance by the institutions set up by the government. Present it in groups.
6.	Dec. 1st – 15th	**Unit 9: Internal Trade**	6	Ch 9: Internal trade - meaning and types of services rendered by a wholesaler and a retailer	E- Learning, Discussion, Concept based learning.	1. Identify various fixed shop retailers in your locality and classify them according to different types.
7.	Dec. 16th – 31st	**Unit 9: Internal Trade(contd.)**	11	Ch 9 : Large scale retailers- Departmental stores, chain stores – concept Types of retail-trade- Itinerant and small scale fixed shops retailers GST (Goods and Services Tax): Concept	Learning Through Argumentation , Incidental Learning,	Observe the services provided by a small scale and a large scale retailer selling the same product. Compare their features –state the similarities and differences.
8.	Jan. 1st – 15th	**Unit 10: International Trade**	5	Ch10: International trade: concept and benefits. Export trade – Meaning &procedure Import Trade - Meaning &procedure Documents involved in International Trade	Brainstorming, E-Learning, Inquiry learning.	1. Make a crossword on the terms used 2. Make a concept map of the chapter.

9.	Jan. 16th – 31st	**Unit 10: (Contd.) Revision**	10	Ch10 : World Trade Organization (WTO) meaning and objectives	E- Learning, Discussion, Concept based learning.	Case studies
10.	Feb. 1st – 15th	**Revision**	12	Revision	Cooperative learning. Group interaction.	Discussion on case studies and competency based questions.

Periodic Test 2:

Chapter-6: Social Responsibility of Business and Business Ethics

Chapter-7: Sources of Business Finance

Chapter-8: Small Business and Entrepreneurship Development (partly)

****

ACCOUNTANCY SYLLABUS (2021-22)

CLASS XI

FIRST SEMESTER

S.No.	Duration	Chapter/Topic	No. of Days	Syllabus to be covered	Pedagogy-Learner Oriented	Art Integrated/ Other Class Activities
1.	**June** (1^{st} -15^{th})	**UNIT I** **Chp 1:** Introduction to Accounting **Chp 2:** Accounting Terminology	11	*Meaning and Objectives of Accounting *Accounting Cycle *Book Keeping vs Accounting *Users of Accounting Information *Advantages and Limitations of Accounting *Systems of Accounting *Basic accounting terms to be explained and discussed	*Modified Lecture Method *Inquiry Based Learning *Lecture Method	*Draw a **Flow Chart** explaining the steps in the Process of Accounting/ Accounting Cycle
2.	**June** (16^{th}-30^{th})	**Chp 3:** Theory Base of Accounting **Chp 4:** Bases of Accounting **UNIT 2** **Chp 5:** Accounting Equation **Chp 6:** Rules of Debit and Credit	13	*Meaning of GAAP *Accounting Concepts, Conventions and Principles *Accounting Standards *IFRS *Cash Basis and Accrual Basis of Accounting *Meaning of Accounting Equation *Preparation of Accounting Equation *Classification of Accounts as per Traditional and Modern Approach	*E-Learning *Modern Lecture Method *Inquiry Based *Lecture Method *Showing the format using slides *Enhanced Lecture Method	* Create a **Slideshow/PPT** of different Accounting Principles and Concepts *Problems on Accounting Equations

				*Rules of Debit and credit for Real, Nominal and Personal Accounts		
3.	**July** (1^{st} -15^{th})	**Chp 7:** Source Documents and Vouchers **Chp 8:** Journal	7	*Meaning and Types of Source Documents *Meaning and Types of Accounting Vouchers *Preparation of Accounting Vouchers *Meaning, Definition and features of Journal *Introduction of GST (Goods and Service Tax) *Passing of Journal Entries using the rules of debit and credit	*Deductive Approach *Visual Based Learning *Context-Based Learning *Lecture Method *Using PPTs	***Collection of Source Documents and Vouchers** and make a Project File showing different Types of Source Documents and Vouchers. *Problem Solving
4.	**July** (16^{th}-31^{st})	Journal (contd) **Chp 9:** Ledger **Chp 10:** Cash Book	11	*Journal Entries for different transactions *Meaning of Ledger *Posting from Journal to Ledger and to Trial Balance *Meaning and Importance of Cash Book *Types of Cash Book * Preparation of different types of Cash Book	*Didactic Questioning *Lecture Method *Modified Lecture Method	***Creation of an Imaginary firm** with imaginary transactions (at least 10). Give a name to the firm and then pass necessary **journal entries** for the accounting year taken in the firm created.
5.	**August** (1^{st}-!5^{th})	**Chp 11:** Other Subsidiary Books	10	*Meaning of Special Purpose Subsidiary Books *Types of Subsidiary Books-Purchases Book, Sales book etc.	*Visual Based Learning *Cooperative Learning	

		Chp 12: Bank Reconciliation Statement		*Meaning of BRS *Need and Importance of BRS *Causes of differences between Balance as per Cash Book and Balance ass per Pass Book *Preparation of BRS	*Modern Lecture Method *Brain-Storming	***Comparison of Cash Book with Pass Book** and identifying the causes of differences between the two.
8.	**August** (16^{th}-31^{st})	**Chp 13:** Trial Balance **Chp 14:** Depreciation	11	*Meaning of Trial Balance *Importance and Significance of Trial Balance *Meaning and Need of Depreciation *Methods of Charging Depreciation: a)Straight Line Method b)Written Down Value Method *Provision for Depreciation Account	*Lecture Method *Inquiry Based *Lecture Method	*Students will take **imaginary Debit and Credit balances of** various assets, liabilities, expenses etc and **Draw a Trial Balance** as on a particular date.
9.	**September** (1^{st}-15^{th})	Depreciation (contd)	2	*Numerical Questions	*Inductive Approach	***Slide Show** for different methods of Depreciation

SYLLABUS FOR PERIODIC TEST AND FIRST SEMESTER EXAM

PERIODIC TEST I- Chp 1 Introduction to Accounting
Chp 2 Basic Accounting Terms
Chp 3 Theory Base of Accounting
Chp 5 Accounting Equation
Chp 6 Rules of Debit and Credit

FIRST SEMESTER EXAMINATION: Chp 1, Chp 2 ,Chp 3,Chp 5, Chp 6, Chp 7, Chp 8 & 9 Chp 10 , Chp 11, Chp 12, Chp 14

SECOND SEMESTER

S.No.	Duration	Chapter/Topic	No. of Days	Syllabus to be covered	Pedagogy-Learner Oriented	Art Integrated / Other Activities
1.	**September** (16^{th}-30^{th})	**Chp 15:** Provisions and Reserves **Chp 16**: Accounting for Bills of Exchange	10	*Meaning of Provisions and Reserves *Classification of Reserves *Meaning and Definition of Bills of Exchange and Promissory Note *Parties to a Bill of Exchange and Promissory Note *Important Terms related to Bill of Exchange *Honouring of a Bill *Dishonour of a Bill *Noting of a Bill *Renewal of Bill	*Lecture Method *E-Learning *Visual Based Learning (showing of Bill of Exchange and Promissory Note) *Enhanced Lecture Method	*Oral questioning *Make **Flash Cards** for all the important terms related to Bill of Exchange
2.	**October** (1^{st}-15^{th})	Accounting for Bills of Exchange (contd) **Chp 17**: Rectification of Errors	8	*Numerical Questions *Classification of Types of errors *Identification of Errors	*Interactive Lecture Method *Cooperative Learning Technique	*__Chart__ showing Classification of Types of Accounting Errors with examples
3.	**October** (16^{th}-31^{st})	Rectification of Errors (contd)	9	*Meaning of Suspense Account *Passing of Rectifying entries and preparation of Suspense Account	*Enhanced Lecture Method	* **Quiz** on Identification of type of error (group activity)
4.	**November** (1^{st}-15^{th})	**UNIT 3** **Chp 18**: Financial Statements of Sole	7	*Meaning of Financial Statements *Types of Financial	*Didactic Questioning *Lecture Method	*__PPT__ showing different Financial Statements with their meaning

		Proprietorship		Statements	*E-Learning	and importance
5.	**November** (16^{th}-30^{th})	**Chp 19:** Adjustments in Preparation of Financial Statements	10	*Need for adjustments in Financial Statements *Treatment of Adjustments- outstanding expenses, accrued incomes etc. *Preparation of Financial Statements with adjustments	*Modified Lecture Method Explanation through PPTs	*Show all the adjustments and their treatment in Financial Statements t through **Mind-Mapping Techinque**
6.	**December** (1^{st}-15^{th})	Adjustments in Preparation of Financial Statements(contd)	6	* Numerical Questions	*Group Interaction	*Develop a **Case Study** of a Sole Prorietorship And prepare its Financial Statements
7.	**December** (16^{th}-31^{st})	**Chp 20:** Accounts from Incomplete Records-Single Entry System	11	*Meaning of Single Entry System *Calculation of profit and loss from Incomplete Records *Meaning of Statement of Affairs and Statement of Profit and Loss	*Lecture Method *Visual Based instructions	*Make a **Chart** showing difference between Double Entry System and Single Entry System
8.	**January'22** (1^{st}-15^{th})	Single Entry System (contd) **Chp 21:** Computers in Accounting	5	*Preparation of Statement of Affairs ad Statement of Profit Loss with Adjustments *Meaning of Computer *Capabilities and Limitations of a Computer System *Hardware, Software, Humanware	*Cooperative Learning *Inductive Approach *E-Learning	***Collect information of financial transactions from a nearby shop for a month** and try to calculate his Profit or Loss for a month using the Statement of Affairs Method

				*Advantages And Limitations of Computerised Accounting System.	*Inquiry Based	
9.	**January** 16^{th}-25^{th})	Computers in Accounting(contd) And Revision	7	*Accounting Information System	*Lecture Method	***Quiz** on Hardware, Software and AIS

SYLLABUS FOR PERIODIC TEST AND FIRST SEMESTER EXAM

PERIODIC TEST II: Chp 15 Provisions and Reserves
Chp 16 Accounting for Bills of Exchange
Chp 17 Rectification of Errors

FINAL EXAMINATION: Entire Syllabus

----------**THE END**----------

ECONOMICS

SYLLABUS, CLASS XI, 2021-22

S.No.	Month	Duration	Number Of Teaching Days	Syllabus Covered	Pedagogy	Art Integrated Activity	Activity
1	June	1.6.21 - 15.6.21	12	Statistics: o Meaning o Functions o Limitations o Importance	o Explanation with examples	o Graphic Order (GO) of Functions of Statistics	o Discussion o Debate on 'Is All Data Statistics'
		16.6.21 - 30.6.21	13	o Collection and Organisation of Statistical Data o Presentation of Statistical Data	o Explanation through Power Point Presentations and Digital Whiteboard: - Sketching Diagrams - Drawing Graphs	o Tabulation o Diagrams o Graphs	o Pictorial Representation of Data o Survey: 'Collection of data on the product to be marketed' - Use of Questionnaire and Presentation Techniques
2	July	1.7.21 - 15.7.21	7	o Measures of Central Tendency	o Videos o Power Point Presentations o Digital Whiteboard	o Draw: - Ogive to locate Median - Histogram to locate Mode	o Tabular Presentation to prove that 'Mode Need Not Represent Majority'
		1.6.21 - 31.7.21	13	o Measures of Dispersion	o Solving Problems on the 3 types of Statistical Series o Digital Whiteboard	o Poster Making on 'Uses of Standard Deviation'	o Lawrence Curves - used as a comparative tool for inequalities of income distribution among different regions
3	August	1.8.21 - 15.8.21	11	o Introduction to Microeconomics o Production Possibility Curve	o Inductive and Deductive Logics o Brainstorming o e-Learning	o Chart Making on 'Analysing the relationship between central problems and human activities'	o Draw diagrams to show movement and shifts in Production Possibility Frontier
		16.8.21 - 31.8.21	12	o Correlation Analysis	o Analysis o Judgement on degree of correlation	o Tabular Presentation of Degree and Magnitude of Correlation	o Scatter Diagrams o Interpretations
4	September	1.9.21 - 15.9.21	4	REVISION			
		16.9.21 - 30.9.21	10	o Index Numbers	o Discussion o Comparison o Heuristic Method	o Graphic Order (GO) on different methods of construction of Index Numbers	o Collection of Sensex Observations for 10 consecutive days followed by the construction of Time Series Graphs / Price Index Numbers over these days
5	October	1.10.21 - 15.10.21	10	o Consumer Equilibrium	o Story Telling on the Principle of Diminishing Marginal Utility (DMU) o Comparison b/w Cardinal and Ordinal Utilities	o Draw diagrams to depict Ordinal Utilities (through the use of balloons)	o Quiz o Google Forms Test o Case Studies
		16.10.21 - 31.10.21	12	o Demand o Price Elasticity of Demand	o Case Studies o Heuristic Method o Deductive and / or Inductive Reasoning o Videos o Digital Whiteboard	o Chart Making on: - Shape of Demand Curve - Changes in Demand	o Fill In The Blanks o Matching Questions o Multiple Choice Questions (MCQs) o One-Word Answer Questions
6	November	1.11.21 - 15.11.21	9	o Producer Behaviour o Production o Costs	o Experimentation o Power Point Presentations o Digital Whiteboard	o Graphs showing 'Various Phases of Production'	o Mirror Images of Production and Cost o Comparative Study of Cost Structures
		16.11.21 - 30.11.21	12	o Supply o Price Elasticity of Supply	o Case Studies o Power Point Presentations o Digital Whiteboard	o Role Play - class divided into Producer and Consumer groups followed by an interactive discussion	o Analyse graphs and data related to changes in Supply
7	December	1.12.21 - 15.12.21	7	o Market Forms	o Case Studies o Digital Content o Demonstrations	o Creating a Bubble Diagram to show 'Determinants of Market Structure'	o Quiz o Collect the names of products / industries for each market structure
		16.12.21 - 31.12.21	13	o Price Determination under Perfect Competition	o Power Point Presentations o e-Learning	o Poster Making on 'MSP and PDS Pricing'	o Chain Reactions of different instances of: - Excess Supply - Excess Demand
8	January	1.01.22 - 15.01.22	5	o Simple Applications of the Tools of Demand and Supply	o Digital Whiteboard o Analysis o Case Studies	o Draw diagrams of different cases of changes in either Demand or Supply (in triplets) on a poster	o Quiz o Impact ofeach diagram on Equilibrium Prce and Equilibrium Quantity
		16.01.22 - 31.01.22	11	o Simultaneous Changes in Demand and Supply	o Application of each case o Case Studies	o Draw diagrams of different cases of simultaneous shifts in Demand and Supply (in triplets) on a poster	o Impact of simultaneous shifts in Demand and Supply on Equilibrium Price and Equilibrium Quantity
9	February	1.02.22 - 15.02.22	10	REVISION			

TEST SCHEDULE; ECONOMICS; CLASS XI; 2021-22

Date	Unit	Topic
July	UT 1	Unit 1: Introduction - Statistics
		Unit 2: Collection and organization of statistical data
September	I-Term Examination	Unit 2: Presentation of statistical data
		Unit 2: Collection and organization of statistical data
		Unit 2: Presentation of statistical data
		Unit 3: Measures of central tendency
		Unit 3: Measures of dispersion
		Unit 4: Introduction to Microeconomics
December	UT 2	Unit 3: Correlation Analysis
		Unit 3: Index Numbers
		Unit 5: Consumer equilibrium and demand
		Unit 6: Producer behavior and supply
February	Annual Examination	The Whole Course

Important:

Project (20 Marks) - Survey 15 households online for a product you are launching in the market using the technique of questionnaire. Tabulate the information per question and present it using all the techniques of presentation of statistical data. Make a file.

Month Wise Syllabus
Subject – Political Science
Class – XI
(2021-22)
(Code No-208)

S.no	Duration	Topic	Syllabus to be covered	No. of Periods	Pedagogy	Art integration/Subject Enrichment Activity
1.	**1st to 15th June**	**Constitution**	• The making of the Constitution, • Theconstituent Assembly, • Procedural achievements and Philosophy of the Constitution. Fundamental Rights and Duties, • Directive Principles of State Policy, • Constitutional Amendments.	17	**Constructivist Approach**(based on the principle of learning which emphasizes constructing knowledge by linking with previous Knowledge) **Deductive Approach**(to teaching-learning involves providing students with principles and generalizations and asking them to verify these with the help of particular examples.) like ✓ **Community Resource** ✓ **Current Events** ✓ **Reflective Enquiry**	**Make a table of Sources of Indian Constitution Both National and International**
2.	**16th to 30th June**	**Election and Representation**	• Elections and Democracy, • Election System in India, • Reservation of Constituencies	11	**Inductive Method**(by discussing real fact and stories of Indian Politics) Like: ✓ **Current Issues** ✓ **Facts Discussion**	**Mock Elections**

			• Free and Fair • Elections, • Electoral Reforms.		✓ **Case Study**	
3.	**1st to 15th July**	**Legislature** **Executive**	• Why do we need a Parliament? • Two Houses of Parliament. • Functions and Power of the Parliament, • Legislativefunctios, • Controlover Executive. • Parliamentary committees. • Self-regulation. • What is an Executive? • Different Types of Executive. • Parliamentary Executive in India, Prime Minister and Council of Ministers. • Permanent Executive: Bureaucracy	14 12	**(Interdisciplinary Approach**) to teaching-learning aims at creating connections between the subject of political science with other disciplines) Like: ✓ **Debate** ✓ **Discussion** ✓ **Current issues**	**Presentation on the discretionary powers to Prime Minister and President Of India** **Debate on : Permanent V/S Political Executive**

4.	**16th to 31st July**	**Judiciary**	• Why do we need an Independent Judiciary? • Structure of the Judiciary, • Judicial Activism, • Judiciary and Rights, • Judiciary and Parliament.	12	**(Interdisciplinary Approach**) to teaching-learning aims at creating connections between the subject of political science with other disciplines) Like: ✓ **Debate** ✓ **Discussion** ✓ **Current issues**	**Moot Court:** **Whole class will be divided in 4 to 5 groups .Each group will take any famous case of Indian Judiciary and will give mock presentation of that case.**
5.	**1st to 16th August**	**Federalism**	• What is Federalism? • Federalism in the Indian Constitution, Federalism with a strong • Central Government,conflicts in India's federalsyste	14	**Constructivist Approach**(based on the principle of learning which emphasizes constructing knowledge by linking with previous Knowledge)	**Flash Cards on :** **Federalism in India and USA**

		Local Governments .	m, Special Provision • Why do we need Local Governments? • Growth of Local Government in India, • 73rd and 74th Amendments, • implementation of 73rd and 74th Amendments	14	**Inductive Method**(by discussing real fact and stories of Indian Politics) Like: ✓ **Current Issues** ✓ **Facts Discussion**	**Report on Working of local government in India. Points to be covered:** ✓ **Background** ✓ **Growth** ✓ **Achievement** ✓ **Reform**
6.	**1st to 15th octuber**	Part B: Political Theory **Political Theory: An Introduction**	• What is Politics? • What do we study in Political Theory? • Putting Political Theory to practice. • Why should we study Political Theory?	12	**Deductive Approach**(to teaching-learning involves providing students with principles and generalizations and asking them to verify these with the help of particular examples.) like ✓ **Community Resource** ✓ **Current Events** ✓ **Reflective Enquiry**	**Group Discussion on the importance of Political theory in contemporary world.**

7.	**16th to 31st October**	**Freedom** **.Equality**	• The Ideal of Freedom. • What is Freedom? • Why do we need constraints? • Harm principle. N egative andPositive Liberty. • Significance of Equality. • What is Equality? • Various dimensions of Equality. • How can we promote Equality?	11 11	**(Interdisciplinary Approach**) to teaching-learning aims at creating connections between the subject of political science with other disciplines) Like: ✓ **Debate** ✓ **Discussion** ✓ **Current issues**	**Report on countries still fighting for Freedom or Democracy.**
8.	**1st to 15th November**	**Social Justice**	• What is Justice? • Just Distribution. • Justice as fairness. Pursuing Social Justice. • Different Dimensions of Justice, Distributive Justice	12	**(Interdisciplinary Approach**) to teaching-learning aims at creating connections between the subject of political science with other disciplines) Like: ✓ **Debate** ✓ **Discussion** ✓ **Current issues**	**Poster making on any social issues.**

		Rights	• What are Rights? • Where do Rights come from? • Legal Rights and the State. • Kinds of Rights. • Rights and Responsibilities.	12		**Quiz on Fundamental Rights in India.**
9.	**16th to 30th November**	**.Citizenship** .	• What is citizenship? • Citizen and Nation, Universal • Citizenship, Global Citizenship	12	**Deductive Approach**(to teaching-learning involves providing students with principles and generalizations and asking them to verify these with the help of particular examples.) like ✓ **Community Resource** ✓ **Current Events** ✓ **Reflective Enquiry**	**Survey on (Eligibility Criteria of Having Citizentship) at least two countries from every continent**.
10.	**1st to 15th December**	**Nationalism**	• Nations and Nationalism, • National Self-determination, • Nationalism and Pluralism	13	**Deductive Approach**(to teaching-learning involves providing students with principles and generalizations and asking them to verify these with the help of particular examples.) like ✓ **Community**	**Soppose you are Freedom Fighter and you have to unite people for independence struggle . Create ten symbols and relate them with national Freedom struggle. Reference: Class x history chapter Nationalism in India**

					Resource ✓ **Current Events** ✓ **Reflective Enquiry**	
11.	**16th to 31st December**	**Secularism**	• What is Secularism? • What is Secular State? • The Western and the Indian approaches to Secularism. • Criticisms and Rationale of Indian Secularism.	12	**Deductive Approach**(to teaching-learning involves providing students with principles and generalizations and asking them to verify these with the help of particular examples.) like ✓ **Community Resource** ✓ **Current Events** ✓ **Reflective Enquiry**	**Article on :Real Meaning Of Secularism ,its advantages and disadvantages**
12.	**1st to 15th December**	**Development**	• What is development? • Criticism of the dominant. • Development Model. • Alternative conceptions of development	12	**Inductive Method**(by discussing real fact and stories of Indian Politics) Like: ✓ **Current Issues** ✓ **Facts Discussion** ✓ **Case Study**	**Project on Development policies of India**.

<u>Prescribed Books</u>:

1. Indian Constitution at Work, Class XI, Published by NCERT

2. Political Theory, Class XI, Published by NCERT

3. Uploaded Additional Study Material

- **Project work 20 marks.**

Details of Project Work

1. The Project work will be implemented in class XI from the session i.e. 2021-22.
2. Out of 20 marks, 10 marks are to be allotted to viva voce and 10 marks for project work.
3. For class XI, only internal assessment is to be done.
4. The project can be individual/pair/group of 4-5 each. The Project can be made on any of the topics given in the syllabus of a particular class.
5. The suggestive list of activities for project work is as follows:- - - Role Play, Skit, Presentation, Model, Field Survey, Mock Drills/Mock Event etc.
6. The teacher should give enough time for preparation of the Project Work. The topics for Project Work taken up by the student must be discussed by the teacher in classroom

Syllabus for Written Assessments:

Unit test-1
Ch -1 Constitution why? And How?
Ch-2 Rights in the Indian Constitution
Ch-3 Election and representation

Mid-term Syllabus
Book-1
Ch -1 Constitution why? And How?
Ch-2 Election and representation
Ch-3 Legislature
Ch-4 Executive
Ch-5 Judiciary
Ch-6 Federalism
Ch-7. Local government

Unit Test-2
Book II
Ch-1 Political theory
Ch-2 Equality
Ch-3 Freedom

Final Semester
Book-1
Ch -1 Constitution why? And How?
Ch-2 Election and representation
Ch-3 Legislature
Ch-4 Executive
Ch-5 Judiciary
Ch-6 Federalism
Ch-7. Local government

Book II

Ch -1 Political theory
Ch-2 Equality
Ch-3 Freedom
Ch 4 Social justice
Ch-5 Rights
Ch-6Citizenship
Ch-7 Nationalism
Ch-8. Secularism
Ch-9. Development

HISTORY SYLLABUS (2021-2022). CLASS-11

S.No.	Duration	Chapters/ Topics	Teaching days	Syllabus Covered	Pedagogy(learning centered)	Integrated Activities
1	June 1st-15	From the beginning of Time	11	* Human Evolution. *Early societies. * Historian's view.	Inquiry method	Skull making with P.O.P
2	June 16th -30	Writing and city life	11	* Debate on decipher. * urbanisation. * legacy of writing.	Constructive method	Clay modelling of clay tablet
3	July 1st -15	An empire across the three continents	7	* Political revolution and the establishment. * An Economic expansion. *The institution of slavery.	Collaborative method	Role play on Augustus Presentation on the Augustus
4	July 16th -31	An Empire across three continents	1o	*Religious-cultural foundation * Late Antiquity	Inquiry method	Continuation
5	Aug 1st-15	Central Islamic lands	10	* Arabic polity. * Islamic economy. * learning and culture.	Inquiry method	Declamation on the principals of Prophet Mohd.
6	Aug 16th-31	Nomadic Empire	9	* 13-14 th century. * formation of empire. * Social, political and military organizations. * Genghis Khan and mongols in	Integrated method	Life sketch of Genghis Khan

				the world.		
7	Sep 1st-15	The three orders	3	* Feudalism * The three orders.	Collaborative method	Social disparity will be shown with the help of "Role Play" "Debate"
8	Sep 16th -30	The Three orders Changing Culture and Traditions	9	* A fourth orders: New Towns and town people. * The 14th century crises. * The Renaissance - causes and features. * Art and Architecture.	Inquiry method	Presentation on Humanists thought.
9	Oct 1st-15	Changing Culture and Traditions Confrontation of cultures	7	* The reformation causes and results. * The Debate * European voyages of exploration. * Indegeneous people and cultures.	Constructive method	Research Proposal Will be Prepared by half of the class. As per their interest.
10	Oct 16th -31	Confrontation of Cultures The Industrial revolution	7	* History of displacement - conquest, colonies, and slave trade. * Industrial revolution. * Emergence of working class.	Inquiry method	Inventions and discoveries with their significance will be presented.

11	Nov 1st - 15	The Industrial Revolution Displacing indigenous People	8	* Historia's viewpoint * Europeans colonies and the displacement and repression of the locals - North America and Canada.	Inquiry method	Research Proposal By half class.
12	Nov 16th -30	Displacing Indegeneous People Paths to Modernization	7	* Impact on Indegeneous people - Historian' viewpoint. * Militarisation and economic growth in Japan. * China and the Communist alternative.	Inquiry methods	Debate on the current issues with Japan and China
13	Dec 1st - 15	Paths to Modernization	7	* Globalisation.	Inquiry Method	CONTINUATION of THE SAME ABOVE ACTIVITY

ASSESSMENT

Allocation of Marks (20)

The marks will be allocated under the following heads:

1	**Project Synopsis**	**2 Marks**
2	**Data/ Statical analysis / Map work**	**3 Marks**
3	**Visual/ Overall presentation**	**5 Marks**
4	**Analysis / Explanation and interpretation**	**5 Marks**
5	**Bibliography**	**1 Marks**
6	**Viva**	**4 Marks**

TOTAL **20 MARKS**

TEST SCHEDULE –

EXAM SCHEDULE	CHAPTERS TO BE COVERED	MARKS
UT-1	• From the beginning of time • Early Cities • An empire across three continents	**25**
TERM - 1	• Central Islamic Lands • Namodic Empire • The Three Orders • AN empire across the three continents • Early Cities	**80**
UNIT- 2	• Changing culture and traditions • Confrontation of cultures	**25**
TERM – 2	• FULL COURSE	**80**

PSYCHOLOGY SYLLABUS (2O21-2O22)

CLASS-XI

S.No	Duration	Chapter/Topic	No. of Teaching Periods	Syllabus covered	Pedagogy (learner-centered)	Art Integrated/ Other Activities
1	June 1st-15	What is Psychology?	11	1. Introduction 2. What is Psychology? • Psychology as a Discipline • Psychology as a Natural Science • Psychology as a Social Science 3. Understanding Mind and Behaviour 4. Popular Notions about the Discipline of Psychology	Inquiry – method Inductive method	Draw Human Mind.
2	June 16th-30	What is Psychology?	11	5. Evolution of Psychology 6. Development of Psychology in India 7. Branches of Psychology 8. Themes of Research and Applications 9. Psychology and Other Disciplines 10. Psychologists at Work 11. Psychology in Everyday Life		
3	July 1st -15	Methods of Enquiry in Psychology	9	1. Introduction 2. Goals of Psychological Enquiry • Steps in Conducting Scientific Research • Alternative Paradigms of Research	Inquiry method	

				3. Nature of Psychological Data 4. Some Important Methods in Psychology • Observational Method • Experimental Method		
4	July 16th -31	Methods of Enquiry in Psychology	12	• Correlational Research • Survey Research • Psychological Testing • Case Study 5. Analysis of Data • Quantitative Method • Qualitative Method 6. Limitations of Psychological Enquiry 7. Ethical Issues	Constructive method	Draw a GO of careers in Psychology
5	Aug 1st-15	The Bases of Human Behaviour	12	1. Introduction 2. Evolutionary Perspective 3. Biological and Cultural Roots 4. Biological Basis of Behaviour • Neurons 5. Structure and Functions of Nervous System and Endocrine System and their Relationship with Behaviour and Experience • The Nervous System • The Endocrine Sys	Integrated method	

6	Aug 16th-31	The Bases of Human Behaviour Human Development	11	6. Heredity: Genes and Behaviour 7. Cultural Basis : Socio-Cultural Shaping of Behaviour • Concept of Culture 8. Enculturation 9. Socialization 10.Acculturation Introduce the Chapter 1.Introduction 2. Meaning of Development • Life-Span Perspective on Development 3. Factors Influencing Development	Collaborative method	
8	Sep 1st-15	Human Development	5	4. Context of Development 5. Overview of Developmental Stages • Prenatal Stage • Infancy • Childhood • Challenges of Adolescence • Adulthood and Old Age	Constructive method	Research Proposal by students
9	Sep 16th -30	Sensory, Attentional and Perceptual Processes	11	half Chapter 1. Introduction 2. Knowing the world 3. Nature and varieties of stimulus	Integrated method	
10	Oct 1st-15	Sensory, Attentional and Perceptual	9	4. Sense Modalities • Visual Sensation • Auditory	Inquiry-method	.

		Processes		Sensation 5. Attentional Processes • Selective Attention • Sustained Attention 6. Perceptual Processes • Processing Approaches in Perception		
11	Oct 16th -31	Learning	9	Half Chapter	Inquiry-method	Poster making on and other important slogan making
12	Nov 1st -15	Learning	7	Half Chapter	Constructive method	Same
13	Nov 16th-30	Learning Human Memory	9	Complete the chapter and start new chapter	Collaborative method	
14	Dec 1-15	Human Memory	11	Half chapter		
15	Dec 16-31	Human Memory	7	Half chapter	Constructive method	Practical to be conducted
16	Jan 1-15	Thinking	5	Half chapter		
17	Jan 15-31	Thinking	12	Half chapter	Integrated method	

ASSESSMENT

Allocation of Marks (30)

The marks will be allocated under the following heads:

1	**Project Synopsis**	**5 Marks**
2	**Practical 1+2**	
	File	**5 Marks**
	Viva	**5 Marks**
	Performance of experiment and write up	**5+10 Marks**
	TOTAL	**30 MARKS**

TEST SCHEDULE –

EXAM SCHEDULE	**CHAPTERS TO BE COVERED**	**MARKS**
UT-1	• What is Psychology? • Methods of Enquiry in Psychology	**25**
TERM - 1	• **What is Psychology?** • Methods of Enquiry in Psychology • The Bases of Human Behaviour • Human Development	**70**
ANNUAL EXAMINATION	**Full course**	**70**

PHYSICAL EDUCATION SYLLABUS
CLASS-XI (2021-22)

TERM-I

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	Syllabus Covered	Pedagogy (learner centred)	Art Integrated/Other Activities	
1.	June 1st – 15th	**Changing Trends and Career In Physical Education**	12	Unit 1.1 Unit 1.2 Unit 1.3 Unit 1.4 Unit 1.5	E-Learning, Discussion,Inductive-deductive, use of Multimedia	Design a poster to show the effect of exercise on the body.	
2.	June 16th – 30th	**Olympic Values Education**	12	Unit 2.1 Unit 2.2 Unit 2.3 Unit 2.4	E-Learning, Brainstorming, Interactive cum Discussion method, video & screen sharing	Select one of the following Olympic Games and working in groups, research to find out more about it. • 1920 • 1936 • 1948 • 1972 • 1976 • 1980 Present your ideas to the class in the form of a *Power Point Presentation.* .	
4.	July 1st – 15th	**Physical Fitness, wellness, Lifestyle**	6	Unit 3.1 Unit 3.2 Unit 3.3	Use of Multimedia, Demonstration, Inquiry based approach.	*Art Integration – AEROBIC EXERCISE* Working in Groups, *choose the dance style you wish to incorporate into your exercise routine. *learn/improvise steps. *choose/create your own music. *set the dance steps to music. *Perform your Aerobic Dance Activity.*	

5.	July 16th – 31st	**Physical Education & Sports for CWSN**	12	Unit 4.1 Unit 4.2 Unit 4.3 Unit 4.4 Unit 4.5 Unit 4.6	Inductive- Deductive method	Find out about Indian athletes who have won medals at the Paralympics and the Special Olympics. What disability did they suffer from? In which game did they win The medal?	
6.	August 1st– 15th	**Yoga**	12	Unit 5.1 Unit 5.2 Unit 5.3 Unit 5.4 Unit 5.5	Demonstration, E-learning, Activity oriented	Perform any two *Asanas* for 8 consecutive days and write 3 changes which take place in you after 8th day.	
7.	August 16th – 31st	**Practical-1** **Yoga Practices**	10	Asanas for Improving Concentration	Demonstration, E-learning, Activity oriented	Every Student will have to explain the procedure, and contraindication of five asanas .	
8.	Sept. 1st – 15th	**Practical-2** **Computation of BMI from Family and neighourhood** **Practical-3** **List of Current year National Awards**	12	National Awardees related to Rajiv Gandhi Khel ratan Award, Arjun Award and Dronacharya Award	Demonstration, E-learning, Activity oriented	Every Student will have to do it in Practical File.	

Periodic Test 1:

Unit-1: Changing Trends & Career In Physical Education

Unit-2: Olympic Values

Unit-3: Physical Fitness, Wellness, & Lifestyle

TERM-II

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	Syllabus Covered	Pedagogy (learner centred)	Art Integrated/Other Activities
1.	Sept. 16th – 30th	**Physical Activity and Leadership Training**	8	Unit 6.1 Unit 6.2	Activity oriented, Use of Multimedia, Demonstration	**Art Integration – CREATING AN ADVENTURE SPORT OUTFIT DESIGN LINE** Also design a Logo for your Brand. Prepare an advertisement for your brand. It could be for Print, Radio or TV.
2.	Oct. 1st – 15th	**Cont..**	12	Unit 6.3 Unit 6.4	Activity oriented, Use of Multimedia, Demonstration .	
3.	Oct. 16th – 31st	**Test Measurement and Evaluation**	12	Unit 7.1 Unit 7.2 Unit 7.3 Unit 7.4	Use of Multimedia,Interactive cum discussion method.	Record the height and weight of your family members. *Find the BMI by applying formula. *Find the Waist Hip Ratio
4.	Nov. 1st – 15th	**Conti.. Physical Fitness Test(Practical)**	8	Unit 7.5	E- learning, Discussion, Concept based learning.	

5.	Nov. 16th – 30th	**Fundamental of Anatomy, Physiology & Kinesiology in sports**	12	Unit 8.1 Unit 8.2 Unit 8.3	Activity oriented, Use of Multimedia, Demonstration, Inductive Deductive	Select one of the following: *Skeleton System *Muscular System *Respiratory/Circulatory System. * Equilibrium working in groups, Present your ideas to the class in the form of a *Power Point Presentation.*
6	Dec. 1st - 15th	**Cont..**	12	Unit 8.4 Unit 8.5		
7.	Dec. 16th – 31st	**Psychology and Sports**	10	Unit 9.1 Unit 9.2 Unit 9.3 Unit 9.4	Activity oriented, Use of Multimedia, Demonstration, Inductive Deductive	
8.	Jan. 1st – 15th	**Proficiency In Games & sports**	6	**Any one Game of your Choice:Labelled diagram of field and equipment (rules, terminologies and skills)**	Demonstration, E-learning, Activity oriented	Every Student will have to do it in Practical File.
9.	Jan. 16th – 31st	**Training In Sports**	12	Unit 10.1 Unit 10.2 Unit 10.3 Unit 10.4	Activity oriented, Use of Multimedia, Demonstration, Inductive Deductive	For a week, every day in the morning/ evening you will do 30 minutes physical activity.At the end of the week compare the pre-and post - training effect on your body. List the Principles of Training that you applied to improve your performance.

10.	Feb. 1st – 15th	**Doping In Sports**	12	Unit 10.5 Unit 10.6 Unit 10.7		From the list given below some athletes who have been disqualified for taking Performance Enhancing Drugs (PED).: *Lance Armstrong,* *Maria Sharapova* *Diego Maradona,* *Ben Johnson* *Shoaib Akhtar* *Shane Warne,* *Kunjarani Devi* *Find out the sport they participated in. *what drugs they took and why. *for how long were they banned.

Periodic Test 2:

Unit 6: Physical Activity & Leadership Training
Unit 7 : Test, Measurement & Evaluation.
Unit 8 : Fundamentals of Anatomy, Physiology and Kinesiology In Sports

Final Exams: Complete Syllabus

****