

Std XI

English

Sl. No	Name of the lesson	Learning outcomes
1.	The portrait of a Lady -Kushwant Singh	Pupils develop optimistic attitude towards life during difficult times They develop an attitude to become independent, responsible and tolerant They inculcate the value of respecting other relations
2.	Photograph -Shirley Toulson	Pupils grasp the theme of the poem They read the poem with proper tune and rhythm They develop interest in poetry They learn to compare human life and nature
3.	The Summer of the Beautiful White Horse -William Saroyan	The learners learn to analyze the story critically They draw the essence of the story They understand the irony hidden in the story
4.	We're Not Afraid to Die..... - Gordon Cook & Alan East	The learners enhance their decision making and problem solving skills They develop in them the optimistic attitude They inculcate in them the values of determination and willpower to face adverse situations in life
5.	The Address - Marga Minco	They improve their reading skills The learners learn to differentiate perspectives
6.	Discovering Tut..... -A.R. Williams	The pupils improve their creative and critical thinking skills They improve their writing skills They develop their vocabulary
7.	Ranga's marriage -Masti Venkatesha Iyengar	They learn to analyze the values and thought process of the story They learn to appreciate the language They learn to provide a synopsis of the story Their listening skill will be improved
8.	The Voice of the Rain _ Walt Whitman	They comprehend the theme of the poem They learn to connect nature with science They learn to recite the poem with different tune They strengthen their vocabulary

9.	Albert Einstein At School -Patrick Pringle	The students learn to participate actively in group discussions They enhance their reading and writing skills
10.	The Ailing Planet..... - Nani Palkivala	The learners realize the need to save earth They learn to sensitize themselves towards the environment They take initiatives in making the earth green
11.	Mother's Day - J.B. Priestley	Pupils improve their reading and listening skills They inculcate the values of respect and obedience
12.	The Browning Version - Terence Ratigan	The learners improve their vocabulary They take initiative in role play They learn to display mannerism and attitude They develop in them a sense of duty
13.	Childhood - Markus Natten	The students learn to appreciate poems They learn to identify the rhyme scheme They improve their skill in writing critical appreciation of the poem They understand the difference between innocence and maturity
14.	Birth - A.J. Cronin	The students learn to be selfless They understand what sense of duty means They understand the value of practical approach
15.	Writing Skill Notice Poster Letter Speech	The students learn to share ideas and express their creativity They learn to use appropriate formats and good vocabulary They develop skills to express their ideas effectively using good language

CHINMAYA VIDYALAYA TARAPUR

SUBJECT: HINDI

CLASS: 11th

Lesson Name	Learning Outcome	Value
गद्यः 1} नमक का दारोगा (प्रेमचंद)	जीवन के प्रत्येक क्षेत्र में ईमानदारी से काम करेंगे। जिंदगी में अपने हौसले को कभी टूटने नहीं देंगे।	भारतीय संस्कृति व देशभक्ति इस मूल्य के माध्यम से ईमानदारी का भाव निर्माण करना।
2} मियाँ नसीरुद्दीन (कृष्णा सोबती)	धर्म और अन्य संस्कृतियों के प्रति का भेदभाव का भाव मन से दूर करेंगे। दूसरे धर्म की विशेषताओं को समझने का प्रयास करेंगे।	सर्वांगीण विकास, मिलजुलकर कार्य करने की सीख। विश्वबंधुत्व के अंतर्गत मेलजोल का भाव निर्माण करना।
3} गलता लोहा (शेखर जोशी)	जीवन में सोच समझकर कार्य करने का प्रयास करेंगे। दूसरों की मानसिक स्थिति को समझेंगे। अपने लक्ष्य को निश्चित करके उसे प्राप्त करने का प्रयास करेंगे।	आत्मविश्वासपूर्वक कार्य करने की सीख। कठिन परिस्थितियों में हौसला न खोने की सीख।
4} स्पीति में बारिश (कृष्णनाथ)	छात्र स्पीति की भौगोलिक व प्राकृतिक विशेषताओं का अभ्यास करेंगे। स्वयं के राज्य का प्राकृतिक वर्णन करेंगे।	भारतीय संस्कृति के प्रति अभिमान का भावना। प्रकृति के प्रति आदर व अभिमान का भाव रखने की सीख।
5} जामुन का पेड़ (कृष्णचंदर)	छात्र हमारे शासकीय कार्यालयों के कार्यों को समझने का प्रयास करेंगे। मुसीबत में फँसे लोगों की सहायता के लिए तैयार रहेंगे।	भारतीय संस्कृति की महानता व गहनता की सीख। सर्वांगीण विकास।
6} भारत माता (जवाहरलाल नेहरू)	जीवन में नीति और विनम्रता के महत्त्व को समझेंगे। मन में देश के प्रति अभिमान का भाव रखेंगे।	देशभक्ति की भावना। भारत के किसान व मज़दूरों के प्रति अभिमान का भाव।
पद्यः 7} हम तो एक एक करि जाना संतों देखत जग बौराना (कबीर)	छात्र निर्गुण निराकार प्रभु के रूप को समझेंगे। अंधविश्वास और बाह्यडंबरों पर विश्वास नहीं रखेंगे।	सर्वधर्म समानता तथा भारतीय संस्कृति के प्रति महानता व गहनता का भाव पैदा करना।
8} मेरे तो गिरधर गोपाल पग घुंघरू बाँधी (मीराबाई)	छात्र मीराबाई की कृष्ण भक्ति को समझने का प्रयास करेंगे। रूढ़ि और परंपराओं को दूर करने का प्रयास करेंगे।	संतों का भारतीय संस्कृति को सजाने व सँवारने में योगदान। भगवान के प्रति आत्म समर्पण का भाव।
9} वे आँखें (सुमित्रानंदन पंत)	भारतीय किसान के जीवन को समझने का प्रयास करेंगे। किसी भी काम को कम न समझने की सीख लेंगे।	सर्वांगीण विकास। भारतीय संस्कृति में किसानों का स्थान व महत्त्व।
10} घर की याद (भवानी प्रसाद मिश्र)	अपनों के प्रति प्रेम का भाव मन में रखेंगे। अपने सगे संबंधियों के प्रति आदर का भाव मन में रखेंगे।	छात्रों का शारीरिक एवं मानसिक विकास। आत्मविश्वास का भाव निर्माण करना।

<p>11} आओ, मिलकर बचाएँ (निर्मला पुतुल)</p>	<p>समाज के निम्न वर्ग के प्रति सम्मान का भाव मन में रखेंगे। निम्न वर्ग के लोगों को मान सम्मान दिलवाने का प्रयास करेंगे।</p>	<p>विश्वबंधुत्व के अंतर्गत मेलजोल का भाव निर्माण करना। बौद्धिक एवं मानसिक विकास।</p>
<p>वितानः 1} भारतीय गायिकाओं में बेजोड़: लता मंगेशकर (कुमार गंधर्व)</p>	<p>लता मंगेशकर की मेहनत और उनकी लगन के बारे में समझेंगे। भारतीय गायकों और कलाकारों के बारे में अभिमान का भाव रखेंगे।</p>	<p>देशभक्ति की भावना निर्माण करना। छात्रों का सर्वांगीण विकास करना।</p>
<p>2} राजस्थान की रजत बूँदें (अनुपम मिश्र)</p>	<p>भारत के प्रत्येक राज्य की विशेषता को समझने का प्रयास करेंगे। राजस्थान की सुंदर संस्कृति का समझेंगे।</p>	<p>भारतीय संस्कृति की सुंदरता एवं देश के राज्यों की विशेषता को समझेंगे। देशप्रेम का भाव।</p>
<p>3} आलो - आँधारि (बेबी हालदार)</p>	<p>समाज में स्त्रियों की स्थिति को समझने का प्रयास करेंगे। स्त्री समाज को साक्षर बनाने हेतु प्रेरित करेंगे। समानता का भाव मन में रखेंगे।</p>	<p>बौद्धिक एवं मानसिक विकास करना। स्त्रियों के प्रति सुरक्षितता का भाव निर्माण करना।</p>

Sr.No	Chapters	Learning Outcomes
1	Sets	To apply the concepts of sets to problems. To describe a problem pictorially using Venn diagrams.
2	Relations and Functions	To find domain and codomain of functions.
3	Trigonometric functions	To solve problems on radian and degree measures. To able to use identities on problems and trigonometric proofs.
4	Principle of Mathematical Inductions	To understand the new method of proving.
5	Complex numbers and quadratic equations	To solve problems on complex numbers.
6	Linear Inequalities	To find graphical solutions of linear equations.
7	Permutations and Combinations	To find the number of ways in which a particular combination or arrangement can be done.
8	Binomial Theorem	To find expansion of binomial, general and middle terms.
9	Sequences and Series	To determine general terms of series in AP and GP. Calculate sum of n terms of series.
10	Straight lines	To find slope of lines. Calculate angle between two lines. To use various forms of equations of lines. To calculate distance between a point and a line.
11	Conic Sections	To find equation of circle, ellipse, parabola and hyperbola. To apply the knowledge of conics.
12	Three Dimensional Geometry	To find distance between two points. To use section formula.
13	Limits and Derivatives	To find limiting values of different functions. To calculate derivatives using first principle. To use various rules for finding derivatives.
14	Mathematical Reasoning	To find truth values of statements. To find conjunction and disjunction of statements.
15	Statistics	To find mean deviation about mean and median. To find standard deviation and variance. To find coefficient of variation
16	Probability	To find sample space and to find probability of an event for simple problems.

Sr No.	Chapter's Name	Learning Outcomes
1	Motion in a straight line	To help pupil acquire knowledge and understanding about types of motion, instantaneous velocity and speed, relative velocity. To develop skill of deriving equations of motion by graphical method and by analytical method.
2	Motion in a plane	To help pupil knowledge and understanding scalar and vector, addition and subtraction of vectors, relative velocity in two dimension, projectile motion. To develop skills in solving projectile's numerical.
3	Work, Energy and power	To help pupil knowledge and understanding about work, energy, different types of energy, difference between kinetic energy and potential energy, conservation of energy and its derivation. To develop skill in solving numerical related to energy and work done.
4	Gravitation	To help pupil knowledge and understanding about gravitation, Kepler's law, Universal law of gravitation, how acceleration due to gravity varies due to various factors. To develop skill in solving numerical related to gravitation.
5	Thermal properties of matter	To help pupil knowledge and understanding about thermal energy, thermometer, ideal gas equation, calorimeter, various methods of conduction of heat, Newton's law of cooling. To develop skill in observing the value of thermometer in Newton's law of cooling experiment.
6	Thermodynamics	To help pupil knowledge and understanding about thermodynamics, thermal equilibrium, thermodynamics process, heat engine and refrigerator, various laws of thermodynamics, functioning of Carnot engine.
7	Kinetic energy of gas	To help pupil knowledge and understanding about behaviour of gases, law of equipartition of energy, mean free path. To develop skill in deriving equation of pressure exerted by gas on walls of container.
8	Waves	To help pupil knowledge and understanding about various waves, displacement equation of progressive wave, difference between progressive wave and longitudinal wave, reflection of wave, Doppler's effect and beats.

Name of the lesson	Learning outcomes
Some basic concepts of chemistry	Pupils gets aware about scope and importance of chemistry; they learn various concentration terms; basic chemical combination laws and calculation related to average atomic mass and finding molecular formula from percentage composition.
Structure of atom	Pupils understand the internal world of an atom and sub atomic particles; they can able to write electronic configuration and predict properties of element based on it; they can differentiate between electronic orbit and orbital.
Classification of elements and periodicity in properties	Pupils learn various properties of different elements and there periodicity along periodic table; they can find application of various elements in day today life.
Chemical bonding and molecular structure	Pupils learn about different types of attractive forces between bonded atoms in a molecules. Able to apply various theory to explain bonding in molecule; explain application hydrogen bonding
State of matter	Pupils learn reason behind various physical states and their stabilities and various factors affecting on them. They can understand inter conversion of physical states. They learn applications liquefaction of gases.
Thermodynamics	Pupils can learn various thermodynamic terms like enthalpy; internal energy; Gibbs free energy ; they can able to find out whether a reaction is spontaneous or not.
Equilibrium	Pupils can learn that any chemical process is get completed or not; the factors which can affect the equilibrium constant; pupils can learn acid base concepts and their strength; learn about solubility in terms of K_{sp} .
Redox reaction	Pupils make out difference between reduction and oxidation; finds application of redox reactions in day today life; capable of balancing redox reaction and apply its knowledge in field of electrochemistry.
Hydrogen	Pupils learn about chemical and physical properties of hydrogen; learn about useful applications of hydrogen compounds; learn about hard and soft water and how to get rid of them.
s-Block elements	Pupils find various physical and chemical properties of first and second group elements; their important compounds applications in day today life.
p-Block elements	Pupils learn location of p-block elements; their different chemical and physical properties; important compounds used in daily life. learn about anomalous element in each group with reason.
Organic chemistry: some basic principles and techniques	Pupils learn about hydrocarbon and their classification; learn some basic organic reactions and mechanisms; formation of intermediates; nomenclatures, various isolation techniques like distillation chromatography etc.
Hydrocarbon	Pupils learn about alkanes; alkenes and alkynes general formula; nomenclature; preparation; physical properties and chemical reactions and some important compounds having wide applications.
Environmental chemistry	Pupils study various environmental factors and different types of pollution; causative agents; measures; green house effect; depletion of ozone layer; formation of smog and its types.

S.no	Chapter	Learning Outcome
1	The living world	<ul style="list-style-type: none"> Pupil learns about the basis of classification and the tools used in classifying organisms.
2	Biological classification	<ul style="list-style-type: none"> Pupil learns about primitive organisms and their attributes that classifies them into different groups.
3	Plant kingdom	<ul style="list-style-type: none"> Pupil learns about the structure of various lower plants and their evolution with respect to modern day plants.
4	Animal kingdom	<ul style="list-style-type: none"> Pupil learns about the contrasting features of various phylum ranging from invertebrates to vertebrates.
5	Morphology of flowering Plants	<ul style="list-style-type: none"> Pupil learns about the morphological adaptation shown by plants. Pupil develops their understanding on the external structure and appearance of plant parts.
6	Anatomy of flowering Plants	<ul style="list-style-type: none"> Pupil learns about the internal structure of plant parts. Pupil advance their knowledge on the phase of secondary growth in plants.
7	Structural organization in Animals	<ul style="list-style-type: none"> Pupil learns about the structure and functions of different types of animal tissues.
8	Cell: the unit of life	<ul style="list-style-type: none"> Pupil learn about the structure and function of cell components.
9	Biomolecules	<ul style="list-style-type: none"> Pupil learns about the molecules of cell. Pupil develops an understanding of the structure & role of these molecules. Pupil advance their knowledge on enzyme and substrate relation.
10	Cell cycle and cell division	<ul style="list-style-type: none"> Pupil learns about the principle mechanism that governs the process of division of cells.
11	Transport in plants	<ul style="list-style-type: none"> Pupil learns about the physical process that support the transport of water and food in plants
12	Mineral Nutrition	<ul style="list-style-type: none"> Pupil learns about the role of minerals in plants.

		<ul style="list-style-type: none"> • Pupil develops an understanding of the functioning of nitrogen cycle in nature
13	Photosynthesis in higher plants	<ul style="list-style-type: none"> • Pupil understand the mechanism of photosynthesis. • Pupil learns about the factors that govern photosynthesis
14	Respiration in plants	<ul style="list-style-type: none"> • Pupil learns about the process of respiration in plants. • Pupil understands the significance of producing energy rich molecule [ATP] in plant cells.
15	Plant growth and development	<ul style="list-style-type: none"> • Pupil learns about the principles that govern the growth of plants
16	Digestion and absorption	<ul style="list-style-type: none"> • Pupil learns about the digestive system and the chemical events that carry out the process of digestion.
17	Breathing and exchange of gases	<ul style="list-style-type: none"> • Pupil learns about the structure and function of lungs. • Pupil develop their understanding on the process of breathing.
18	Body fluids and circulation	<ul style="list-style-type: none"> • Pupil learns about the structure and function of heart. • Pupil advance their knowledge on the regulation of circulatory events.
19	Excretory product and Their elimination	<ul style="list-style-type: none"> • Pupil learns about the involvement of kidney in the process of excretion.
20	Locomotion and Movement	<ul style="list-style-type: none"> • Pupil learns about the different types of muscles and bones present in the body.
21	Neural control and co-Ordination	<ul style="list-style-type: none"> • Pupil learns about the various parts of brain and its co-ordination with other parts of the body.
22	Chemical co- ordination and its integration	<ul style="list-style-type: none"> • Pupil learns about the action of various hormones and their impact on body.

Std :XI

Sub: Informatics Practices

Sl.No	Name of the Topic	Learning outcomes
1.	Introduction to Computer System	Students develop the ability to identify the functionality of various components of Computer System.
2	Getting Started with Python	Students learn the concept and feature of Python language and learn to install it.
3.	Basics of Python Programming	Students learn the Python data types, statements, etc and develop application using simple python statements .
4.	Data Types & Debugging	Students develop ability to use, develop & debug programs independently.
5.	Control Statements	Students learn control statements of Python and use it program
6.	Lists	Students learn the concept of List in Python and use it program
7.	Dictionary	Students learn the concept of Dictionary in Python and use it program
8.	Database Concepts	Students understand the concept of database system
9.	SQL	Ability to store and retrieve data using an RDBMS.
10.	Emerging Trends	Ability to understand the latest trends of technology