



ANNUAL SYLLABUS
2019-2020

CLASS - XI

Venkateshwar International School

....where dreams come true

Sector - 10, Dwarka, New Delhi - 110075

ENGLISH

- Prescribed Books:**
- 1) Hornbill (Textbook in English for Class XI-Core Course)
 - 2) Snapshots (Supplementary Reader in English for ClassXI-Core Course)

APRIL & MAY

Hornbill	:	Unit -1: The Portrait of a Lady A Photograph (Poem)
Snapshots	:	Unit-1: The Summer of the Beautiful White Horse
Writing Skills	:	Report, Formal Letters & Notice
Grammar	:	Determiners & Modals
Reading	:	Note Making

JULY

Hornbill	:	Unit-2: We're Not Afraid to die... if We Can All Be Together Unit - 3: Discovering Tut: the Saga Continues The Laburnum Top
Snapshots	:	Unit-2: The Address Unit-3: Ranga's Marriage
Writing Skills	:	Article & Speech
Grammar	:	Time Reference and Clauses

AUGUST

- : Unit 4, Landscape of the Soul
- Hornbill : The Voice of the Rain (poem)
- Snapshots : Unit - 4: Albert Einstein at School
- Writing Skills : Official Letter and Speech
- Grammar : Voice and Reported Speech
- ASL-I : Assessment of Speaking & Listening Skills

SEPTEMBER : Revision

OCTOBER

- Hornbill : Unit-5: The Ailing Planet : the Green Movement's Role
- Snapshots : Unit-5: Mother's Day
- : Unit 6 : The Ghat of the Only World
- Writing Skills : Poster, Factual Description

NOVEMBER

- Hornbill : Unit - 6 : The Browning Version
- : Childhood (Poem)
- : Unit -7 : Adventure
- Writing Skills : Advertisements (Classified & Display)

DECEMBER

- Unit- 8: Silk Road
- Hornbill : Father to Son (Poem)
- Snapshots : Unit- 7: Birth
- : Unit- 8: The Tale of Melon City
- Writing Skills : Job Application and Debate

JANUARY

- Hornbill : Revision and Internal Assessment
- ASL-II : Assessment of Speaking & Listening Skills

MATHEMATICS

Prescribed Book : Mathematics
A Text Book for Class - XI (*NCERT*)

APRIL

Chapter - 1 : Sets
Chapter - 2 : Relations and Functions

MAY

Chapter - 3 : Trigonometric Functions
Chapter - 4 : Principle of Mathematical Induction

JUNE

Chapter - 5 : Complex Numbers

JULY

Chapter - 5 : Complex Numbers (Contd.)
Chapter - 6 : Linear Inequalities
Chapter - 7 : Permutations and Combinations

AUGUST

Chapter - 8 : Binomial Theorem
Chapter - 9 : Sequence and Series
Chapter - 10 : Straight Lines

SEPTEMBER

Chapter - 10 : Straight Lines (Contd.)

OCTOBER

- Chapter - 11 : Conic Sections
Chapter - 13 : Limits and Derivatives

NOVEMBER

- Chapter - 13 : Limits and Derivatives (Contd..)
Chapter - 14 : Mathematical Reasoning
Chapter - 15 : Introduction to Three Dimensional
Geometry

DECEMBER

- Chapter - 16 : Probability
Chapter - 12 : Statistics

JANUARY

- Chapter - 12 : Statistics (Contd..)

PHYSICS

Prescribed Book : (1) Text Book for Class-XI
NCERT
(2) Lab Manual - Practical Skills in
Physics (Full Marks Pvt. Ltd.)

APRIL - MAY

Chapter-1 : Physical World (Not for evaluation)
Chapter-2 : Units and Measurements
Chapter-3 : Motion in a Straight Line

JULY

Chapter-4 : Motion in a plane
Chapter-5 : Laws of motion

AUGUST

Chapter-6 : Work, Energy and Power
Chapter-7 : System of particles and rotational motion

SEPTEMBER

Chapter-8 : Gravitation

OCTOBER

Chapter-9 : Mechanical properties of solids
Chapter- 10 : Mechanical Properties of fluids

NOVEMBER

Chapter- 11 : Thermal Properties of Matter
Chapter- 12 : Heat and Thermodynamics

DECEMBER & JANUARY

Chapter- 13 : Kinetic Theory
Chapter- 14 : Oscillations and Waves
Chapter- 15 : Ray Optics

CHEMISTRY

- Prescribed Book** : (1) Text Book for Class-XI
- *NCERT*
(2) Lab Manual - Comprehensive,
Practical Chemistry

APRIL - MAY

- Unit-1 : Some Basic Concepts of Chemistry
Unit-3 : Chemical Classification and periodicity
in properties
Unit -14 : Environmental Chemistry(Project work)

JUNE-JULY

- Unit -2 : Structure of Atom
Unit-9 : Hydrogen
Unit -8 : Redox Reactions

AUGUST

- Unit -4 : Chemical Bonding & Molecular
Structure
Unit -5 : States of Matter

- SEPTEMBER** : Revision (Half Yearly)

OCTOBER

- Unit -6 : Thermodynamics
Unit-10 : s-Block Elements

NOVEMBER

- Unit-11 : p-Block Elements
Unit -7 : Equilibrium

DECEMBER

- Unit -7 : Equilibrium (Contd.)
Unit-12 : Organic Chemistry- Some Basic
principles and Techniques
Unit-13 : Hydrocarbons

- JANUARY** : Revision

BIOLOGY

- Prescribed Book** : (1) Biology - Text Book for
Class-XI — **NCERT**
- (2) Lab Manual — **Goel Brothers**
(Latest Edition)
- (3) Exemplar Problems (XI)
— **NCERT**

APRIL

- Chapter 16 : Digestion & Absorption
- Chapter 17 : Breathing & Exchange of Gases
- Chapter 18 : Body fluid & Circulation

MAY-JUNE

- Chapter 18 : Body fluid & Circulation (Contd.)
- Chapter 19 : Excretory products & their elimination
- Chapter 20 : Locomotion & Movement
- Chapter 21 : Neural Control & Coordination

JULY

- Chapter 21 : Neural Control & Coordination (Contd.)
- Chapter 22 : Chemical Coordination & Integration
- Chapter 1 : Living World
- Chapter 2 : Biological Classification
- Chapter 3 : Plant Kingdom

AUGUST

- Chapter 4 : Animal Kingdom
- Chapter 5 : Morphology of Flowering Plants
- Chapter 6 : Anatomy of Flowering Plants

SEPTEMBER

- : Revision (Half Yearly)

OCTOBER

- Chapter 8 : Cell : The unit of life
- Chapter 7 : Structural Organisation in Animals
- Chapter 9 : Biomolecules
- Chapter 10 : Cell Cycle & Cell Division

NOVEMBER

- Chapter 11 : Transport in Plants
- Chapter 12 : Mineral Nutrition

DECEMBER

- Chapter 13 : Photosynthesis in higher plants
- Chapter 14 : Respiration in plants

JANUARY

- Chapter 15 : Plant growth & development
& Revision

COMPUTER SCIENCE

Prescribed Book : Computer Science (Python)
A Text Book for Class-XI
By Reeta Sahoo
Published by : New Saraswati House

APRIL-MAY

Chapter - 11 : Computer System
Chapter - 12 : Computer Software and Operating System
Chapter - 14 : Number System
Chapter - 15 : Database Concepts
Chapter - 16 : Structured Query Language
Chapter - 17 : SQL Select Statement
Chapter - 18 : Introduction to NoSQL Database MongoDB

JUNE-JULY

Chapter - 1 : Overview of Python
Chapter - 2 : Elementary Concepts of Python
Chapter - 3 : Input/Output in Python
Chapter - 4 : Operators and Expressions in Python

AUGUST

Chapter - 5 : Conditional Statements in Python
Chapter - 6 : Looping in Python
Chapter - 8 : Working with Strings in Python

SEPTEMBER : Revision

OCTOBER

Chapter - 9 : Working with Lists in Python
Chapter - 10 : Working with Dictionaries and Tuples

NOVEMBER

Chapter - 13 : Boolean Logic

DECEMBER

Chapter - 19 : Computing and Ethics
Chapter - 20 : Cyber Safety

JANUARY : Revision

BUSINESS STUDIES

Prescribed Book : Business Studies
Textbook for Class XI
—*NCERT*

Part - 1 : Foundations of Business

APRIL

Chapter - 1 : Evolution and Fundamentals
of Business

MAY

Chapter - 2 : Forms of business Organisations

JUNE

Chapter - 3 : Public, Private and Global Enterprises
(Contd.)

JULY

Chapter - 3 : Public, Private and Global Enterprises
Chapter - 4 : Business Services (Contd.)

AUGUST

Chapter - 4 : Business Services
Chapter - 5 : Emerging Modes of Business

SEPTEMBER

Chapter - 6 : Social Responsibilities of Business and
Business Ethics

Part - 2 : Corporate Organisation, Finance and Trade

OCTOBER

- Chapter - 7 : Sources of Business finance
Chapter - 8 : Small Business and Enterprises (Contd.)

NOVEMBER

- Chapter - 8 : Small Business
Chapter - 9 : Internal Trade
: Project Report

DECEMBER

- Chapter - 10 : International Business (Contd.)

JANUARY

- Chapter - 10 : International Business
: Revision

ACCOUNTANCY

Prescribed Book: T.S. Grewal's
Double Entry Book Keeping
(Financial Accounting)
Sultan Chand

APRIL

Chapter-1 : Introduction to Accounting
Chapter-2 : Basic Accounting Terms
Chapter-5 : Accounting Equation

MAY

Chapter-5 : (....Continued) Accounting Equation
Chapter-3 : Theory Base of Accounting and
Accounting Standards

JUNE

Chapter-3 : (....Continued) Theory Base of
Accounting and Accounting Standards

JULY

Chapter-4 : Bases of Accounting
Chapter-6 : Accounting Procedures-Rules of Debit
and Credit
Chapter-7 : Origin of Transactions (source document
and preparation voucher)
Chapter-8 : Journal
Chapter-9 : Ledger

AUGUST

Chapter-10 : Special Purpose Book I - Cash Books
Chapter-11 : Special Purpose Book II - Other Books

- Chapter-12 : Bank Reconciliation Statement
Chapter-13 : Trial Balance

SEPTEMBER

- Chapter - 14 : Depreciation
Chapter - 15 : Provision and Reserves

OCTOBER

- Chapter - 16 : Accounting for Bills of Exchange
Chapter-17 : Rectification of Errors

NOVEMBER

- Chapter-17 : Rectification of Errors (Contd.)
Chapter - 18 : Financial Statements of sole proprietorship
Chapter - 19 : Adjustment in preparation of financial statements

DECEMBER

- Chapter - 20 : Accounts from incomplete records (Single entry system)

JANUARY

- Chapter - 20 : Accounts from incomplete records (Single entry system) (Contd.)
: Revision

ECONOMICS

Prescribed Books : Introductory Micro Economics
- *Sandeep Garg*
Statistics for Economics
- *Sandeep Garg*

Part - A (Statistics)

APRIL-MAY

Chapter - 1 : Concept of Economics and Significance
of Statistics in Economics
Chapter - 2 : Collection of Data
Chapter - 3 : Census and Sample Methods of
Collection of Data

JUNE

Chapter - 14 : Developing Projects in Economics

JULY

Chapter - 4 : Organisation of Data
Chapter - 5 : Presentation of Data

AUGUST

Chapter - 6 : Diagrammatic Presentation of Data
Chapter - 7 : Frequency Diagrams
Chapter - 8 : Arithmetic Line - Graphs or Time
Series Graphs

SEPTEMBER

Chapter - 9 : Measures of Central Tendency -
Arithmetic Mean

OCTOBER

Chapter - 10 : Measures of central Tendency : Median
and Mode
Chapter - 11 : Measures of Dispersion

NOVEMBER

Chapter - 12 : Correlation

DECEMBER

Chapter - 13 : Index Numbers

Part - B (Micro Economics)

APRIL-MAY

Unit - I : Introduction

Unit - II : Consumer's Behaviour and Demand

JULY

Unit - II : Continued..

Unit - III : Producer's Behaviour and Supply

AUGUST

Unit - III : Producer's Behaviour and Supply
(Continued...)

SEPTEMBER

: Half Yearly Exams
(Revision)

OCTOBER

Unit - IV : Main Market Forums

NOVEMBER

Unit - IV : Main Market Forms (Continued...)

DECEMBER

Unit - V : Price Determination

JANUARY

: Revision

POLITICAL SCIENCE

Prescribed Book : (1) Indian Constitution at work

Class-XI — *NCERT*

(2) Political Theory

Class-XI — *NCERT*

APRIL

Chapter 1 : Constitution - Why & How

Chapter 2 : Rights in the Indian Constitution

MAY

Chapter 3 : Election & Representation

Chapter 4 : Executive

Chapter 5 : Legislature

JUNE

Chapter 6 : Judiciary

JULY

Chapter 7 : Federalism

Chapter 8 : Local Government

Chapter 9 : Constitution as a living Document

AUGUST

Chapter 10 : The Philosophy of the Constitution

(Book-II) Chapter 1 : Political theory : An Introduction

SEPTEMBER

Chapter 2 : Freedom

OCTOBER

Chapter 3 : Equality

Chapter 4 : Social Justice

Chapter 5 : Rights

NOVEMBER

Chapter 6 : Citizenship

Chapter 7 : Nationalism

DECEMBER

Chapter 8 : Secularism

Chapter 9 : Peace

JANUARY

: Revision

FINE ARTS

APRIL

Unit 1 :

Theory : An Introduction to Art

Practical : Nature Study

MAY

Unit 2 :

Theory : Pre - Historic Rock Painting

Practical : Basic design in variation of lines
geometric and rhythmic shapes

JULY

Unit 3 :

Theory : Art of Indus Valley

Practical : Object Study (Still Life)

AUGUST

Unit 4 :

Theory : Gandhara School of Art

Practical : Painting composition from Life or Nature

SEPTEMBER : Revision (Half Yearly)

OCTOBER

Unit 5 :

Theory : Ajanta Paintings

Practical : Nature and Object study and treatment
of colour

NOVEMBER

Unit 6 :

Theory : South Indian Sculpture

Practical : Painting Composition

DECEMBER

Unit 7 :

Theory : South Indian Sculpture

Practical : Painting Composition and treatment
of colour

JANUARY : Revision

PSYCHOLOGY

Prescribed Book : (1) Introduction to Psychology
Text Book for Class XI *NCERT*

APRIL

Chapter - 1 : What is Psychology?

MAY

Chapter - 1 : What is Psychology ? (Contd.)

Chapter - 2 : Methods of Enquiry in Psychology

JUNE

Chapter - 2 : Methods of Enquiry in Psychology (Contd.)

JULY

Chapter - 3 : The Bases of Human Behaviour

AUGUST

Chapter - 4 : Human Development

Chapter - 5 : Sensory, Attentional & Perceptual Processes.

SEPTEMBER

Chapter - 6 : Learning

OCTOBER

Chapter - 6 : Learning (Contd..)

Chapter - 7 : Human Memory

NOVEMBER

Chapter- 8 : Thinking

DECEMBER

Chapter-9 : Motivation and Emotions

JANUARY

: Revision

PHYSICAL EDUCATION

Prescribed Book : (1) Health and Physical Education
Published by : Ratna Sagar
By Dr. Jogeshwar Goswami

APRIL

Unit-1 : Changing trends and career in
Physical Education

Unit-2 : Olympic movement

MAY

Unit-3 : Physical Fitness, Wellness and Lifestyle

Unit-8 : Fundamentals of Anatomy and Physiology

Unit-5 : Yoga

JUNE

Unit-5 : Yoga

JULY

Unit-4 : Physical Education & Sports for differently
abled

Unit-6 : Physical Activity and Leadership Training

AUGUST

Unit - 7 : Test, Measurement Evaluation

Unit - 9 : Kinesiology, Biomechanics & Sports

SEPTEMBER

Unit- 10 : Psychology and sports

OCTOBER

Unit- 11 : Training in sports

NOVEMBER

Unit- 12 : Doping

DECEMBER

Unit- 12 : Doping

HISTORY

**Prescribed Book : THEMES IN WORLD HISTORY
-NCERT**

APRIL-MAY : SECTION A

Theme -1 : From the Beginning of Time
Theme -2 : Writing and City Life

JUNE-JULY : SECTION B

Theme -3 : An Empire Across Three Continents
Theme -4 : The Central Islamic Lands

AUGUST

Theme -5 : Nomadic Empires

SECTION C

Theme -6 : The Three Orders

SEPTEMBER

Theme -7 : Changing Cultural Traditions

OCTOBER

Theme -8 : Confrontation of Cultures

NOVEMBER : SECTION D

Theme -9 : The Industrial Revolution
Theme -10 : Displacing Indigenous Peoples

DECEMBER

Theme -11 : Paths to Modernisation

HOME SCIENCE

Prescribed Book : (1) Comprehensive Home Science
Published by : Laxmi Publications

APRIL

- Chapter-1 : Meaning and Scope of Home Science
- Chapter-9 : Food, Nutrition, Health & Fitness
- Chapter-10 : Selection of Food for Optimum Nutrition and Health

MAY

- Chapter-11 : Selection and Storage of Food Products
- Chapter-12 : Food Processing

JULY

- Chapter-2 : Introduction to Various Stages of Development
- Chapter-3 : Infancy
- Chapter-4 : Childhood Characteristics and Behavioural Problems

AUGUST

- Chapter-5 : Protection from Preventable Diseases
- Chapter-6 : Substitute care at Home and Outside
- Chapter-7 : Special Needs of Disadvantaged Children
- Chapter-8 : Managing Emergencies

SEPTEMBER : Revision

OCTOBER

- Chapter-13 : Preparation of Food
- Chapter-14 : Family and Community Resources
- Chapter-15 : Management Process
- Chapter-16 : Time and Energy Management

NOVEMBER

- Chapter-17 : Space Management
- Chapter-18 : Introduction to Fibre Science
- Chapter-19 : Fabric Construction

DECEMBER

- Chapter-20 : Fabric Finishes
- Chapter-21 : Respect for Girl Child
- Chapter-22 : Income Generating Schemes
- Chapter-23 : Communication : Concepts & Methods

ENTREPRENEURSHIP

Prescribed Book : Entrepreneurship
Textbook for Class XI - NCERT

APRIL

Unit-1 : Entrepreneurship
What, Why and How

MAY

Unit-2 : An Entrepreneur

JUNE

Unit-2 : An Entrepreneur (Contd.)

JULY

Unit-3 : Entrepreneurial Journey

Unit-4 : Entrepreneurship as Innovation &
Problem Solving

AUGUST

Unit-4 : Entrepreneurship as Innovation &
Problem Solving (Contd.)

Unit-5 : Understanding the Market

SEPTEMBER

Unit-6 : Business Arithmetic

OCTOBER

Unit-6 : Business Arithmetic (Contd.)

NOVEMBER

Unit-7 : Resource Mobilization

DECEMBER

Unit-7 : Resource Mobilization (Contd.)
Project Work

JANUARY

: Revision