

GRACE ACADEMY
ANNUAL SYLLABUS(2026-27)
CLASSES VI-XII

CLASS-VI		
SUBJECTS	TERM-1	TERM-2
ENGLISH	<p>Literature Reader: Unit1:Fables and Folktales L1- A Bottle of dew Poem: The Raven and the Fox L2- Rama to the Rescue (MA) Unit 2: Friendship L3- The Unlikely best friend Poem- A Friend's prayer L4- The Chair (comprehension) Unit 3: Nurturing Nature L5- Neem Baba Poem- What a Bird Thought Grammar Conjunction, Prepositions, Tenses. Writing: Descriptive-People & Place Informal Letter, Picture composition.</p>	<p>Literature Reader Unit3- Spices that heal us. Unit 4- Sports and wellness L7- Change of Heart Poem -The Winner Reading Comprehension L 8-Yoga-A Way of Living(comprehension) Unit 5- Culture and Tradition L9-Hamara Bharat- Incredible India! Poem -The Kites L10- Ela Sachani-Embroidering Dreams With her Feet. L-11 National War memorial Grammar Verbs (Transitive/Intransitive), Adverbs,Subject-Verb Agreement, Writing: Application, Informal Letter, Paragraph Writing, Story <i>N. B. : Term 1 Grammar will be included for testing in Annual Exam</i></p>
HINDI	<p>Book used- मल्हार कविता- 1- मातृभूमि (कविता) 2- गोल 3- पहली बूंद (कविता) 4 - हार की जीत 5 - रहीम के दोहे 6- मेरी माँ व्याकरण विकारी शब्द - लिंग,वचन,विशेषण, क्रिया, पर्यायवाची, विलोम, अनेक शब्दों के लिए एक शब्द, मुहावरे , पाठों से संबंधित व्याकरण लेखन- अनुच्छेद, पत्र लेखन (औपचारिक), विज्ञापन, संवाद लेखन</p>	<p>Book used- मल्हार 8- सत्रिया और बिहू नृत्य 9- मैया मैं नहीं माखन खायो (सूरदास के पद) 10- परीक्षा 11- चेतक की वीरता (कविता) पाठ 12- हिन्द महासागर में छोटा- सा हिन्दुस्तान व्याकरण- विकारी शब्द- क्रिया, काल, विशेषण, श्रुतिसम-भिन्नार्थक शब्द, पर्यायवाची , विलोम, अनेक शब्दों के लिए एक शब्द, मुहावरे लेखन- अनुच्छेद, पत्र लेखन (औपचारिक), विज्ञापन, संवाद</p>
MATHEMATICS	<p>1. NUMBER PLAY 2. PRIME TIME 3. FRACTIONS</p>	<p>1. PRIME TIME 2. FRACTIONS 3. THE OTHER SIDE OF</p>

	4. THE OTHER SIDE OF ZERO 5. PATTERN IN MATHEMATICS	ZERO 4. LINES AND ANGLES 5. PERIMETER AND AREA 6. DATA HANDLING AND PRESENTATION 7. PLAYING WITH CONSTRUCTION 8. SYMMETRY
SCIENCE	Ch. 1. The wonderful world of Science. Ch. 2. Diversity in the living world. Ch. 3. Mindful Eating: A path to a healthy body. Ch. 4. Exploring Magnets Ch. 5. Measurement of length and Motion. Ch. 6. Materials around us. TERM-1 ch1 to ch 6	Ch. 7. Temperature and its measurement. CH. 8. Journey through states of Water. Ch. 9. Method of Separation in Everyday Life. Ch. 10. Living creatures exploring their characteristics. Ch. 11. Nature Treasures. Ch. 12. Beyond Earth.
SOCIAL SCIENCE	1. L-1 Locating Places on the Earth [Geog] 2. L-2 Oceans and Continent [Geog] 3. L-4 Timeline and Sources of History [Hist] 4. L-5 India, That is Bharat [Hist] 5. L-7 India's Cultural Roots [Hist] 6. L-8 Unity in Diversity, or 'Many in the one' [Civics] 7.L-9 Family and Community [Civics] 8. L-13 The value of work [Eco]	1. L-3 Landforms and Life [Geog] 2. L-1 Locating Places on the Earth [Geog TERM-1] 3. L-6 The Beginning of Indian Civilisation [Hist] 4. L-4 Timeline and Sources of History [Hist TERM-1] 5. L-10 Grassroots Democracy - Part 1: Governance [Civics] 6. L-11 Grassroots Democracy - Part 2: Local government in Rural area [Civics] 7. L-12 Grassroots Democracy - Part 3: Local government in Urban area [Civics] 8. L-14 Economic activities around us [Eco] PA.2-L-3 Landforms and Life [Geog] L-6 The Beginning of Indian Civilization [Hist]
SANSKRIT	1. प्रथमः पाठः = वयं वर्णमाला पठामः 2. द्वितीयः पाठः = एषः कः ? एषा कः ? एतत् किम् ? 3. तृतीयः पाठः = अहं च त्वं च 4. चतुर्थः पाठः = अहं प्रातःउत्तिष्ठामि 5. षष्ठः पाठः = सः एव महान चित्रकारः 6. सप्तमः पाठः = अतिथिदेवो भव 7. अष्टमः पाठः = बद्धि	1. नवमः पाठः = यो जानाति सः पण्डितः 2. दशमः पाठः = त्वम आपणं गच्छ 3. एकादशः पाठः= पृथिव्यां त्रीणि रत्नानि 4. द्वादशः पाठः = आलस्यं हि मनुष्याणाम शरीरस्थो महानरिपुः 5. त्रयोदशः पाठः = संख्यागणना ननु सरला 6. चतुर्दशः पाठः =माधवस्य प्रियम अङ्गम 7. पञ्चदशः पाठः = वृक्षाः सत्पुरुषाः इव

	सर्वार्थसाधिका	
INFORMATION TECHNOLOGY	Word Processing. Unit-1 Introduction to Computer Unit-2 Fundamentals of Computer <i>Scratch Project-Story</i>	Unit 3: SCRATCH Unit 4: CYBER SECURITY: <i>Introduction to Python</i>
ARTIFICIAL INTELLIGENCE	Unit 1 - Overview of AI 1. What is Artificial Intelligence? 2. Automation and Artificial Intelligence. <i>Scratch Project-Story</i>	3. Applications of Artificial Intelligence Unit 2 - AI and other technologies 1. Domains of AI <i>Introduction to Python</i>
HEALTH & WELLNESS	Understanding My Report Card & Setting Goals For The New Session 1. Growing Up Healthy a) I am Changing b) Physical Changes during Adolescence c) Attaining Puberty d) Myths about Growing up and Other Changes e) Beauty that Matters f) Skills To Counter Stigmas and Stereotypes During Adolescence 2. School, Class & Self Discipline a) Introduction to Discipline b) Discipline In The School Environment c) Classroom Discipline d) Self-Discipline & Personal Responsibility 3. Living Safely & Wisely In The 21st Century Digital World a) Understanding The Internet b) Social Media And Online Behaviour c) Digital Footprint & Online Privacy d) Cyber Safety And Responsible Use	4. Handling Social Media a) Types Of Social Media b) Effects Of Video Games, Instagram, Facebook, Snapchat & Other Social Platforms. c) Use Of Social Media Responsibly 5. Study Skills a) Importance Of Taking Notes In The Classroom b) Saving Time on Note-Taking c) Study Schedule 6. Coping With Stress a) Managing Stress Through Breathing Exercises and Talking About It
VOCATIONAL EDUCATION (KAUSHAL BODH)	Kitchen Gardening Animated Story in Scratch Pickle Making	Cooking without Fire Kitchen Gardening -(Continued) Animated Story in Scratch-(Continued)

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CLASS-VII		
SUBJECTS	TERM-1	TERM-2
ENGLISH	<p>GRAMMAR: Verbs(finities and non-finities); Adverbs, Prepositions, Conjunctions(coordinating, correlative and subordinating)</p> <p>WRITING : Informal letter, Formal letter (to the Editor); Descriptive paragraph (person & place); Paragraph Writing (Picture composition).</p> <p>Unit 1: Learning Together The Day the River Spoke 1 Try Again 16 Three Days to See 28</p> <p>Unit 2: Wit and Humour Animals, Birds, and Dr. Dolittle 43 A Funny Man 59 Say the Right Thing 70</p> <p>Unit 3: Dreams and Discoveries My Brother's Great Invention</p>	<p><i>My Brother's Great Invention</i> 91 <i>Paper Boats</i> 109 <i>North, South, East, West</i> 118</p> <p>Unit 4: Travel and Adventure <i>The Tunnel</i> 139 <i>Travel</i> 157 <i>Conquering the Summit</i> 166</p> <p>Unit 5: Bravehearts <i>A Homage to Our Brave Soldiers</i> 179 <i>My Dear Soldiers</i> 199 <i>Rani Abbakka</i></p> <p>GRAMMAR: Modals; Active and Passive voice; Reported speech.</p> <p>WRITING: Formal letter) to the Editor) ; Diary Entry; Story writing; Descriptive Paragraph (events & incidents).</p> <p><i>N.B.: TERM 1 GRAMMAR WILL BE INCLUDED FOR TESTING IN THE ANNUAL EXAMS.</i></p>
HINDI	<p>Book used - Malhar</p> <ol style="list-style-type: none"> 1.) माँ कह एक कहानी। (कविता) 2.) तीन बुद्धिमान। (लोक कथा) 3.) फूल और कांटे (कविता) 4.) पानी रे पानी (निबंध) 5.) नहीं होना बीमार (कहानी) <p>व्याकरण वर्ण विचार, वर्तनी (कठिन शब्द), वचन, कारक, लिंग, मुहावरे, पर्यायवाची, अनेक शब्दों के लिए एक शब्द, पाठ से संबंधित व्याकरण। लेखन अनौपचारिक पत्र, अनुच्छेद, संवाद, विज्ञापन।</p>	<p>कुंडलिया (कविता)</p> <ol style="list-style-type: none"> 6.) वर्षा बाहर (कविता) 7.) बिरजू महाराज से साक्षात्कार 8.) चिड़िया (कविता) 10.) मीरा के पद। <p>व्याकरण उपसर्ग- प्रत्यय, संधि, विराम-चिह्न, वाक्य, अशुद्धियाँ एवं संशोधन, मुहावरे, पर्यायवाची, लोकोक्तियाँ, अनेक शब्दों के लिए एक शब्द।</p> <p>लेखन अनौपचारिक पत्र, अनुच्छेद, संवाद, विज्ञापन।</p>

MATHEMATICS	<ul style="list-style-type: none"> ● CH 1 LARGE NUMBERS AROUND US ● CH 2 ARITHMETIC EXPRESSIONS ● CH 3 A PEEK BEYOND THE POINT ● CH 4 EXPRESSIONS USING LETTER NUMBERS ● CH 5 PARALLEL AND INTERSECTING LINES ● CH 6 NUMBER PLAY ● CH 7 A TALE OF THREE INTERSECTING LINES ● CH 8 WORKING WITH FRACTIONS 	<ul style="list-style-type: none"> ● CH 1 GEOMETRIC TWINS ● CH 2 OPERATION WITH INTEGERS ● CH 3 FINDING COMMON GROUND ● CH 4 ANOTHER PEEK BEYOND THE POINT ● CH 5 CONNECTING THE DOTS ● CH 6 CONSTRUCTION AND TILINGS ● CH 7 FINDING THE UNKNOWN
SCIENCE	<p>Ch. 1 Ever revolving world of Science</p> <p>Ch. 2 Exploring substances: Acids, Bases, and Neutral.</p> <p>Ch. 3 Electricity circuits and their components.</p> <p>Ch. 4 The world of Metals and Non- metals</p> <p>Ch. 5 Changes around us Physical change and chemical change.</p> <p>Ch. 6 Adolescence: A stage of growth and change.</p>	<p>Ch- 7. Heat transfer</p> <p>Ch- 8 Measurement of Time and Motion,</p> <p>Ch -9 Life processes in Animals.</p> <p>Ch- 10 Life processes in Plants</p> <p>Ch- 11 Light, Shadows, and Reflection</p> <p>Ch- 12 Earth, Moon, and the Sun</p>
SOCIAL SCIENCE	<p style="text-align: center;"><u>TERM – 1 SYLLABUS</u> <u>[PART-1]</u></p> <p>1. GEOG.- L-1 GEOGRAPHICAL DIVERSITY OF INDIA [P.A.1] [MAP-PHYSICAL MAP OF INDIA-mark and label different physical features of India and name the Rivers. Pg. no.275]</p> <p>2. CIVICS – L-9 FROM THE RULERS TO THE RULED: TYPES OF GOVERNMENT.</p> <p>3. HISTORY- L-4 NEW BEGINNINGS: CITIES AND STATES. [MAP 4.3 -16 MAHAJANPADS, Pg. no.71]</p> <p>4. GEOG.- L-2 UNDERSTANDING THE WEATHER [MAP-2.13, Pg.40]</p>	<p style="text-align: center;"><u>TERM – 2 SYLLABUS</u> <u>[PART-2]</u></p> <p>1. GEOG.- L-1 THE STORY OF INDIAN FARMING [MAP - SOILS OF INDIA Fig.1.9 Pg. 12]</p> <p>2. CIVICS – L-5 INDIA: HOME TO MANY</p> <p>3. HISTORY – L-4 TURNING TIDES [11TH – 12TH CENTURY] [TIMELINE FIG.4.2 Pg.98-99, MAP Fig.4.4 Pg.102 & Fig.4.10 Pg.108]</p> <p>4. GEOG. L-2 INDIA AND HER NEIGHBOURS [MAPWORK – INDIA AND THE NEIGHBOURING COUNTRIES]</p> <p>5. CIVICS – L- 6 THE STATE, THE GOVERNMENT AND YOU</p>

	<p>WEATHER WARNING FOR INDIA]</p> <p>5. HISTORY- L-5 THE RISE OF EMPIRES [MAP-IMPORTANT CITIES FOR TRADE, FIG.5.5, Pg. 92, FIG.5.12 Pg.99, Fig.5.13,Pg.100 & TIMELINE -Pg. 96, 97, 113]</p> <p>2.THE HISTORY OF SILK ROUTE, [PREPARE A PROJECT OF 8-10 Pg., with Index, Acknowledgement, Bibliography & Paste the Pictures].</p> <p>6. CIVICS – L-10 CONSTITUTION OF INDIA – AN INTRODUCTION</p> <p>7. GEOG.- L-3 CLIMATE OF INDIA [MAP-FIG.3.7,PG.52. FIG.3.9 PG.54]</p> <p>8. HISTORY-L-7 THE GUPTA ERA: AN AGE OF TIRELESS CREATIVITY [MAP- FIG.7.8 Pg. 152, TIMELINE- Fig.7.19 Pg. 164]</p> <p>9. ECONOMICS – L-11 FROM BARTER TO MONEY [TIMELINE – EVOLUTION OF MONEY IN INDIA Fig.11.10 Pg. 238]</p> <p>L-12- UNDERSTANDING MARKETS [MAP – INDIA’S EXPORT AND IMPORT AROUND THE WORLD, Fig.12.10, Pg. 256]</p>	<p>[CLASS ACTIVITY- MOCK PARLIAMENT] [FLOW CHARTS ON THE ORGANS OF GOVT.]</p> <p>6. ECONOMICS – L-7 INFRASTRUCTURE: ENGINE OF INDIA’S DEVELOPMENT [ACTIVITY-LOCAL INFRASTRUCTURE-WRITE A SURVEY REPORT] ****PA –2 GEOG. L-1 & HISTORY L-4</p> <p>6. GEOG.- L-3 CLIMATES OF INDIA</p> <p>7. HISTORY L-7 THE GUPTA ERA: THE AGE OF TIRELESS CREATIVITY</p> <p>8. ECONOMICS L-12 UNDERSTANDING MARKETS</p>
SANSKRIT	<p>TERM-1</p> <ol style="list-style-type: none"> 1. प्रथमः पाठः = वन्दे भारतमातरम 2. द्वितीय पाठः = नित्यं पिबामः सुभाग्यतरसम् 3. तृतीय पाठः = मित्राय नमः 4. चतुर्थः पाठः = न लभ्यते चेत आम्लं द्राक्षाफलं 5. पञ्चम पाठः = सेवा हि परमो धर्मः 6. षष्ठः पाठः = खेदं वयं श्लोक कन्यालंचशीलम 7. सप्तमः पाठः = ईशावास्यम इदं सर्व 	<p>TERM-2</p> <ol style="list-style-type: none"> 1. अष्टः पाठः = हितं मनोहारी च दुर्लभम वचः 2. नव पाठः =अन्नद् भवन्ति भूतानि 3. दशः पाठः = दशमः कः 4. एकादशः पाठः =द्वीपशु रस्यः द्वीपोडन्दमानः 5. द्वादशःपाठः = वीरभोग्या पञ्चनद्या 6. त्रयोदशःपाठः = वर्णमालाः परिचयः 7. चतुर्दशः पाठः = शब्दरूपणि चतुरंगी
INFORMATION TECHNOLOGY	<p>Digital Presentation</p> <ol style="list-style-type: none"> 1. Introduction to Computer 	<ol style="list-style-type: none"> 3: SCRATCH 4: CYBER SECURITY

	<p>Software and its Types. 2. Fundamentals of Computer 5. <i>Scratch Project- Animation</i></p>	<i>Introduction to Python</i>
ARTIFICIAL INTELLIGENCE	<p>Unit 1 - AI and Domains of AI 1. Domains of AI and NLP 2. Statistical Data <i>Scratch Project - Animation</i></p>	<p>Unit 2 - Exploring Innovations and Societal Sustainability 1. Sustainability 2. System Thinking and System Map <i>Introduction to Python</i></p>
HEALTH & WELLNESS	<p>SYLLABUS Report Evaluation and Goal Setting for a New Session 1. Emotional wellbeing and mental health Knowing my emotions</p> <p>a. Knowing Emotions b. Managing challenging emotions (self-control) c. SWOT (Identifying my strengths, weakness, opportunities and threats)</p> <p>2. Disciplined School Life a. Understanding Discipline b. Discipline in School life c. Classroom Discipline d. Discipline in language and communication</p> <p>3. Interpersonal relationship skills a. Team work b. Art of making friends and retaining them c. Cooperation d. Conflict management e. Bullying f. Living together</p> <p>4. Respectful communication & avoiding hurtful language a. What is hurtful or Disrespectful language b. Impact of hurtful language c. Why students use hurtful language & understanding triggers d. Positive ways to express</p>	<p>5. Hygiene – A key to healthy living a. Personal hygiene – caring for our body b. Food and Water hygiene – Eating safe, staying healthy c. School & Class hygiene</p> <p>6. Coping with stress a. Managing stress by talking about it</p> <p>7. Coping up peer pressure a. Who is peer? b. What is peer pressure c. How to cope up with peer pressure d. Making the right choices in a group</p> <p>8. Handling social media a. What is social media b. Types of social media c. Effects of video games, Instagram, Facebook and snapchat d. Use of social media responsibly</p>

	emotions	
VOCATIONAL EDUCATION (KAUSHAL BODH)	Biodiversity Register Tie and Dye -T-Shirt Designing Block Printing-Table Covers, Cushion covers	Biodiversity Register(Continued) Creating Advertisements (marketing tie & dye products), awareness campaigns

CLASS-VIII		
SUBJECTS	TERM-1	TERM-2
ENGLISH	<p>Literature:</p> <p>Unit 1: Wit and Wisdom The Wit that Won Hearts 1 A Concrete Example 17 Wisdom Paves the Way 27</p> <p>Unit 2: Values and Dispositions A Tale of Valour: Major Somnath Sharma and the Battle of Badgam 49 Somebody's Mother 70 Verghese Kurien—I Too Had A Dream 82</p> <p>Unit 3: Mystery and Magic The Case of the Fifth Word</p> <p>Grammar:Tenses,Active and passive voice.</p> <p>Writing: Formal letter- letter to the editor.</p>	<p>Literature:<i>The Magic Brush of Dreams</i> 122 <i>Spectacular Wonders</i> 137</p> <p>Unit 4: Environment <i>The Cherry Tree</i> 155 <i>Harvest Hymn</i> 173 <i>Waiting for the Rain</i> 185</p> <p>Unit 5: Science and Curiosity <i>Feathered Friend</i> 205 <i>Magnifying Glass</i> 222 <i>Bibha Chowdhuri: The Beam of Light that Lit the Path for Women in Indian Science</i></p> <p>Grammar: Reported speech, conjunctions.</p> <p>Writing- Descriptive paragraph, Formal letter and diary entry.</p> <p><i>N. B. : Term 1 Grammar will be included for testing in Annual Exam</i></p>
HINDI	<p>TERM I</p> <p>पाठ्य पुस्तक मल्हार भाग 3 गद्य पाठ 1.दौ गौरैया 2.हरिद्वार 3.एक खिलौना---- पद्य पाठ 1.स्वदेश प्रेम 2.एक आशीर्वाद व्याकरण विकारी व अविकारी शब्द</p>	<p>TERM II</p> <p>गद्य पाठ 1.एक खिलौना 2.मेहमान 3 मनुष्य का अनुपात 4.तरुण के स्वप्न पद्य पाठ 1.कबीर के दोहे 2.मत छोड़ो व्याकरण सत्र एक की व्याकरण की पुनरावृत्ति</p>

	<p>2.उपसर्ग व प्रत्यय 4.मुहावरें व लोकोक्तियाँ 5.पर्यायवाची शब्द 6 पाठों से संबंधित व्याकरण</p> <p>लेखन 1. अनुच्छेद लेखन, औपचारिक पत्र, संवाद लेखन, विज्ञापन</p>	<p>पाठों से संबंधित व्याकरण अनेक शब्दों के लिए एक शब्द, विलोम शब्द, कारक लेखन 1. अनुच्छेद लेखन, औपचारिक पत्र, संवाद लेखन, विज्ञापन</p>
MATHEMATICS	<ul style="list-style-type: none"> ● CH 1 A SQUARE AND A CUBE ● CH 2 POWER PLAY ● CH 3 A STORY OF NUMBERS ● CH 4 QUADRILATERALS ● CH 5 NUMBER PLAY ● CH 6 WE DISTRIBUTE YET THINGS MULTIPLY ● CH 7 PROPORTIONAL REASONING 1 	<ul style="list-style-type: none"> ● CH 1 FRACTIONS IN DISGUISE ● CH 2 THE BAUDHYANA PYTHAGORAS THEOREM ● CH 3 PROPORTIONAL REASONING 2 ● CH 4 EXPLORING SOME GEOMETRIC THEMES ● CH 5 TALES BY DOTS AND LINES ● CH 6 ALGEBRA ● CH 7 AREA
SCIENCE	<p>Ch.1 Exploring the investigative world of Science Ch. 2 Invisible living world: beyond our naked eye. Ch. 3 Health – The Ultimate Treasure: Ch. 4 Electricity - Magnetic and heating effect Ch. 5 Exploring force Ch. 6 Pressure, winds, storms, and cyclones. Ch. 7. Particulate nature of matter</p>	<p>Ch- 8 Nature of Matter: Elements, Compounds, and Mixtures Ch -9 The amazing world of Solutes, Solvents and Solutions Ch- 10 Light: Mirrors and Lens Ch- 11 Keeping time with skies Ch- 12 How nature works in harmony Ch. 13 Our home: Earth, A unique Life-sustaining planet</p>
SOCIAL SCIENCE	<p>GEOGRAPHY - L-1 NATURAL RESOURCES & THEIR USE [MAP-Fig.1.11 Pg.9, Fig.1.12 Pg.10] HISTORY – L-2 RESHAPING INDIA'S POLITICAL MAP [TIMELINE-Fig.2.2 Pg. 22-23, MAPWORK -Fig.2.3, Fig.2.16] L-3 THE RISE OF THE MARATHAS [TIMELINE-Fig.3.2, MAPWORK-Fig.3.9, 3.11.] L-4 THE COLONIAL ERA IN INDIA [TIMELINE FIG.4.2 PG.84., MAP-FIG.4.16 PG.105] CIVICS-L- 5 UNIVERSAL FRANCHISE AND INDIA'S</p>	<p>Term – 2 Syllabus will be added after the release of Book-2.</p> <p>PORTFOLIO 2 - ALL THE MAP ACTIVITIES, CLASS ACTIVITIES AND NOTEBOOK RECORDS</p> <p>S.E.-2 WH-HW-[AIL] COMIC STRIPS ON HISTORY TOPIC</p>

	<p>ELECTORAL SYSTEM [FLOW CHART – Fig. 5.1]</p> <p>L-6 THE PARLIAMENTARY SYSTEM: LEGISLATURE & EXECUTIVE [TABLE Fig. 6.8 Pg.147, TABLE- Pg.153. Fig.6.11 Pg.155, TABLE- [Pg. 156]</p> <p>ECONOMICS – L-7 FACTORS OF PRODUCTION [Table on Pg.165, FLOW CHART Fig.7.16 Pg.174]</p>	
SANSKRIT	<p>Term-1</p> <p>पाठ्य पुस्तक दीपकम्</p> <ol style="list-style-type: none"> 1. संगच्छध्वं संवदध्वम् 2. अल्पानामपि वस्तूनां सहमति कार्य साधिका 3. सुभाषित रस पीत्वा जीवनं सफलं करुं 4. प्रेणम्यो देशभक्तोडयं गोपबन्धुर्भहामनाः 5. गीता सुगीता कर्तव्यं व्याकरण <ol style="list-style-type: none"> 1. वर्णोच्चारण -शिक्षा 2. धातु रूप 3. गणना 	<p>Term-2</p> <ol style="list-style-type: none"> 6. डिजिभारतम् -युगपरिवर्तनम् 7. मञ्जुलमञ्जूषा सुन्दरसुरभाषा 8. पश्यत कोणमैशान्य भारतस्य मनोरंजन 9. कोडरूक?कोडरूक? कोडरूक? 10.सम्यग्वर्ण प्रयोगेण ब्रह्मलोके महीयते <p>व्याकरण</p> <ol style="list-style-type: none"> 1. व्याकरण (उपसर्ग) 2. शब्दरूपाणि (रूप) 3. गणना
INFORMATION TECHNOLOGY	<p>Spreadsheet</p> <ol style="list-style-type: none"> 1. IT in Home Computing and Everyday Life. 2. Fundamentals of Computer <p><i>Scratch Project - Game Creation</i></p>	<ol style="list-style-type: none"> 3. Algorithm and Flowchart 4. Internet and Cyber Security <p><i>Introduction to Python</i></p>
ARTIFICIAL INTELLIGENCE	<p>Unit 1 - Introduction to AI Project Cycle and AI Ethics</p> <ol style="list-style-type: none"> 1. AI Project Cycle 2. AI Ethics <p><i>Scratch Project - Game Creation</i></p>	<p>Unit 2 - Presentation in AI</p> <ol style="list-style-type: none"> 1. AI Concept at a Glance 2. Creating a Dialogic Presentation on AI <p><i>Introduction to Python</i></p>
HEALTH & WELLNESS	<p>Report Evaluation and Goal Setting for a New Session</p> <ol style="list-style-type: none"> 1. Emotional wellbeing and mental health (6-8 periods) <ol style="list-style-type: none"> a. Managing challenging emotions b. Who is my biggest support system c. Displays strategies to overcome challenging situations d. Emotional maturity 2. Interpersonal relationships <ol style="list-style-type: none"> a. Nurturing positive relationships b. Dealing with unhealthy relationships 3. Coping with stress management <ol style="list-style-type: none"> a. Managing stress by talking about 	<ol style="list-style-type: none"> 4. Handling of social media <ol style="list-style-type: none"> a. Effects of video games, Instagram, Facebook and snapchat b. Effects of social media positive/ negative c. Use of social media responsibly 5. Internet safety <ol style="list-style-type: none"> a. Storehouse of information b. Real and reel life c. Let's Learn To Manage Screen Time d. Cyberbullying: Words That Hurt 6. Respect

	it	a. Respect & Emotional Maturity b. Respectful Communication c. Respect Rocks! — Honouring Teachers, Parents & Rules the Right Way d. Social Respect — Living Together With Dignity
VOCATIONAL EDUCATION (KAUSHAL BODH)	*Hydroponics-Growing plants without soil. <i>Carpentry, Bamboo craft,</i> *Macrame- Coasters, Pot Hanging	*Hydroponics-Growing plants without soil(continued) *Animated Story in Scratch-Scientific Technique of composting.

CLASS-IX		
SUBJECTS	TERM-1	TERM-2
ENGLISH	TERM I <ul style="list-style-type: none"> ● Reading Comprehension through Unseen Passage ● Grammar: Tenses, Modals, Subject-Verb Concord ● Creative Writing: Descriptive Paragraph(Person/Place) Diary Entry, Story ● Literature Beehive- (Prose) <ol style="list-style-type: none"> 1. The Fun They Had 2. The Sound of Music 3. The Little Girl 4. A Truly Beautiful Mind 5. The Snake and The Mirror (Poem) <ol style="list-style-type: none"> 1. The Road Not Taken 2. Wind 3. Rain on the Roof 4. Lake Isle of Innisfree Moments (SupplementaryReader) <ol style="list-style-type: none"> 1. The Lost Child 2. The Adventures of Toto 3. Iswaran the Storyteller 4. In the Kingdom of Fools 	TERM II <ul style="list-style-type: none"> ● Reading Comprehension through Unseen Passage ● Grammar: Tenses, Modals, Subject-Verb Concord, Reported Speech ● Creative Writing: Descriptive Paragraph(Incident/ Event) Diary Entry, Story, Application ● Literature Beehive- (Prose) <ol style="list-style-type: none"> 6. My Childhood 7. Reach for the Top 8. Kathmandu 9. If I were You (Poem) <ol style="list-style-type: none"> 5. A Legend of the Northland 6. No Men Are Foreign 7. On Killing A Tree 8. A Skumber did my Spirit Seal. Moments <ol style="list-style-type: none"> 5. The Happy Prince 6. The Last Leaf 7. A House is not A Home 8. The Beggar
HINDI	TERM I पुस्तक स्पर्श -गद्य पाठ्यक्रम <ol style="list-style-type: none"> 1. दुःख का अधिकार 2. एवरेस्ट मेरी शिखर यात्रा 	TERM II पुस्तक स्पर्श -गद्य पाठ्यक्रम <ol style="list-style-type: none"> 4 वैज्ञानिक चेतना के वाहक 5. शक्र तारे के समान

	<p>3. तुम कब जाओगे अतिथि पुस्तक स्पर्श -पद्य पाठ्यक्रम पद, दोहे, एक गीत अगीत सचयन : गिल्लू, स्म व्याकरण- शब्द और पद, सधिं(स्वर सधिं), अनुस्वार-अनुनासिक शब्द, अर्थ के आधार पर वाक्य रचना, उपसर्ग-प्रत्यय, विराम चिन्ह, पाठ से संबंधित व्याकरण लेखन- अनुच्छेद लेखन, अनौपचारिक पत्र, चित्र वर्णन, संवाद लेखन</p>	<p>पुस्तक स्पर्श -पद्य पाठ्यक्रम अग्नि पथ, नए इलाके में, खशुबू रचते हाथ सचयन : कल्लू---, मेरा छोटा-----, व्याकरण- शब्द और पद, सधिं(स्वर सधिं), अनुस्वार-अनुनासिक शब्द, अर्थ के आधार पर वाक्य रचना, उपसर्ग-प्रत्यय, विराम चिन्ह, पाठ से संबंधित व्याकरण लेखन- अनुच्छेद लेखन, अनौपचारिक पत्र, चित्र वर्णन, संवाद लेखन</p>
MATHEMATICS	<p>TERM I 1) Number Systems (Real Numbers) 2) Algebra (Polynomials) 3) Geometry (Introduction to Euclid's geometry, Lines and angles, Triangles) 4) Coordinate Geometry 5) Mensuration (Area of Triangle using Heron's Formula)</p>	<p>TERM II 5) Geometry (Contd.- Quadrilateral, Area of parallelograms and Triangles, Circles,) 6) Linear Equations in Two Variable 7) Mensuration (Volume and Surface Area) 8) Statistics</p>
SCIENCE	<p>Term I Physics: Motion, Force and Laws of Motion, Gravitation Chemistry: Matter in our surroundings. Is matter around us pure? Biology: Cell: Basic Unit of Life. Tissues (Plant tissues)</p>	<p>Term II Physics: Floatation, Work, energy and power, Sound Chemistry: Atoms and molecules Structure of the Atom Biology: Tissues (Animal tissues) Improvement of food resources</p>
SOCIAL SCIENCE	<p>TERM-I History- L-1 The French Revolution L-5 Pastoralists In The Modern World Civics- L-1 What Is Democracy? Why Democracy? L-2 Constitutional Design Geography- L-1 India – Its Location And Size L-2 Physical Features Of India L-3 Drainage Economics – L-1 The Story Of The Village Palampur L-2 People As A Resource</p>	<p>TERM-II History- L-2 The Russian Revolution L-3 Nazism And The Rise Of Hitler Civics- L-3 Electoral Politics L-4 Working Of Institutions L-5 Democratic Rights Geography- L-4 Climate L-5 Natural Vegetation & Wildlife [only map work] L-6 Population Economics – L-3 Poverty As A Challenge L-4 Food Security In India</p>
INFORMATION TECHNOLOGY	<p>A. Employability skills:- 1. Communication Skills- I 2. Self-Management Skills-I 3. ICT Skills-I B. Specific Skills 1. Introduction to IT & ITeS</p>	<p>A. Employability Skills 4. Entrepreneurial Skills- I 5. Green Skills-I B. Specific Skills 4. Electronic Spreadsheet. 5. Digital Presentation.</p>

	Industry 2. Data Entry & Keyboard skills. 3. Digital Documentation	
ARTIFICIAL INTELLIGENCE	A. Employability Skills 1. Communication Skills 2. Self-Management Skills 3. ICT Skills B. Specific Skills 1. AI Reflection, Project Cycle 2. Data Literacy Practical: Python Basics.	A. Employability Skills 4. Entrepreneurial Skills 5. Green Skills B. Specific Skills 3. Math for AI 4. Introduction to Generative AI Practical: Python Lists
HEALTH & WELLNESS	Report card evaluation 1. Promotion of Healthy Lifestyle a. Healthy life choices within our reach b. Jump Forward and Race with Pace c. Choose well: Do well 2. Emotional wellbeing and mental health a. Displays strategies to overcome challenging situations b. Emotional maturity 3. Interpersonal relationships a. Communicating assertively b. How to improve and maintain relationships c. Resolving conflicts	4. General Etiquettes a. Public b. Opposite gender c. School d. Friends and family 5. Handling criticism a. Understanding criticism – learning to grow b. Types of criticism & emotional reactions – understanding my feelings c. Responding vs reacting 6. Building self-confidence a. Discovering my inner strength b. Self-identity, self-acceptance & knowing my strengths c. Knowing my strengths, talents & positive thinking d. Communication & body language 7. Gratitude & positive thinking a. Understanding gratitude & the science of positive thinking b. Power of perspective c. Gratitude in daily life & practicing daily gratitude d. Replacing complaints with appreciation

CLASS-X		
SUBJECTS	TERM-1	TERM-2
ENGLISH	TERM I • Reading Comprehension through Unseen Passage	TERM II • Reading Comprehension through Unseen Passage

	<ul style="list-style-type: none"> ● Grammar : Determiners, Tenses, Modals, Subject-Verb Concord ● Creative Writing: Descriptive Paragraph(Person) Diary Entry, Formal Letter, Analytical Paragraph ● Literature First Flight (Prose) <ol style="list-style-type: none"> 1. A Letter to God 2. Nelson Mandela-Long Walk to Freedom 3. Two Stories About Flying 4. From the Diary of Anne Frank 5. Glimpses of India (Poem) <ol style="list-style-type: none"> 1. Dust of Snow 2. Fire and Ice 3. A Tiger in the Zoo 4. How to Tell Wild Animals 5. The Ball Poem Footprints Without Feet(Sup.Reader) <ol style="list-style-type: none"> 1. A Triumph of Surgery 2. The Thief's Story 3. The Midnight Visitor 4. A Question of Trust 5. Footprints Without Feet 	<ul style="list-style-type: none"> ● Grammar: Determiners, Tenses, Modals, Subject-Verb Concord, Reported Speech ● Creative Writing: Formal Letter, Analytical Paragraph ● Literature First Flight (Prose) <ol style="list-style-type: none"> 6. Mijbil the Otter 7. Madam Rides the Bus 8. The Sermon at Benaras 9. The Proposal(Play) (Poem) <ol style="list-style-type: none"> 6. Amanda 7. The Trees 8. Fog 9. The Tale of Custard the Dragon 10. For Anne Gregory Footprints Without Feet(Sup.Reader) <ol style="list-style-type: none"> 6. The Making of a Scientist 7. The Necklace 8. The Book that Saved the Earth
HINDI	<p>TERM I</p> <p>पुस्तक स्पर्श -2 -पद्य पाठ्यक्रम साखी, मीरा, मनुष्यता, पर्वत प्रदेश, गद्य पाठ्यक्रम- बड़े भाई साहब, डायर का एक पन्ना, ततारा-वामीरो कथा, तीसरी कसम के शिल्पकार शैलेंद्र, अब कहाँ दूसरों के दुःख में दुखी होनेवाले, सचयन हरि हर काका व्याकरण-रचना के आधार पर वाक्य परिवर्तन, पदबंध, समास, मुहावरें, पाठ से संबंधित व्याकरण लेखन-अनुच्छेद लेखन, अनौपचारिक पत्र, सचूना, विज्ञापन, ई-मेल, लघुकथा</p>	<p>TERM II</p> <p>पुस्तक स्पर्श -2 -पद्य पाठ्यक्रम- तोप, कर चले.., आत्मत्राण गद्य पाठ्यक्रम पतझर में टूटी पत्तियाँ, कारतसू सचयन- सपनों के सँ दिन, टोपी शुक्ला व्याकरण-रचना के आधार पर वाक्य परिवर्तन, पदबंध, समास, मुहावरें, पाठ से संबंधित व्याकरण लेखन-अनुच्छेद लेखन, अनौपचारिक पत्र, सचूना, विज्ञापन, ई-मेल, लघुकथा</p>
MATHEMATICS	<p>TERM I</p> <ol style="list-style-type: none"> 1. Real Numbers 2. Polynomials 3. Pair of linear equations In two variables 4. Quadratic equations, 5. Arithmetic Progression 6. Coordinate Geometry 7. Triangles 8. Trigonometry 	<p>TERM II</p> <ol style="list-style-type: none"> 9. Height & Distances 10. Circles 11. Area related to circles 12. Surface Area & Volume 13. Statistics 14. Probability
SCIENCE	TERM I	TERM II

	<p>Physics: Electricity Magnetic effects of current Light (reflection)</p> <p>Chemistry: Chemical reactions and equations Acids bases and salts</p> <p>Biology: Life processes Control and coordination Reproduction (Asexual reproduction and reproduction in plants)</p>	<p>Physics: Light Human eye and the colourful world</p> <p>Chemistry: Metals and non-metals Carbon and its compounds</p> <p>Biology: Reproduction Heredity Our environment</p>
SOCIAL SCIENCE	<p>TERM I</p> <p>History- L-1 The Rise Of Nationalism In Europe L-2 Nationalism In India</p> <p>Civics – L-1 Power Sharing L-2 Federalism</p> <p>Geography- L-1 Resources And Development L-2 Forest And Wildlife Resources</p> <p>Economics - L-1 Development L-2 Sectors Of The Indian Economy</p>	<p>TERM II</p> <p>History- L-3 Making Of A Global World L-4 The Age Of Industrialization L-5 Print Culture And The Modern World</p> <p>Civics – L-3 Gender, Religion And Caste L-4 Political Parties L-5 Outcomes Of Democracy</p> <p>Geography- L-3 Water Resources L-4 Agriculture L-5 Minerals And Energy Resources L-6 Manufacturing Industries</p> <p>Economics - L-3 Money And Credit L-4 Globalization And The Indian Economy</p>
INFORMATION TECHNOLOGY	<p>TERM I</p> <p>A. Employability Skills Unit 1: Communication Skills-II Unit 2: Self-Management Skills-II Unit 3: ICT Skills-II</p> <p>B. Specific Skills Unit 1: Digital Documentation (Advanced) Unit 2: Electronic Spreadsheet (Advanced)</p>	<p>TERM II</p> <p>A. Employability Skills Unit 4: Entrepreneurial Skills-II Unit 5: Green Skills-II</p> <p>B. Specific Skills Unit 3: Database Management System Unit 4: Maintain Health, Safety and Secure Working Environment</p>
ARTIFICIAL INTELLIGENCE	<p>TERM I</p> <p>A. Employability Skills Unit 1: Communication Skills-II</p>	<p>TERM II</p> <p>A. Employability Skills Unit 3: ICT Skills-II</p>

	Unit 2: Self-Management Skills-II B.Subject Specific Skills Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI Unit 2: Advanced Concepts of Modeling in AI Unit 3: Evaluating Models Unit 4: Statistical Data Practical: <i>Advanced Python</i>	Unit 4: Entrepreneurial Skills-II Unit 5: Green Skills-II B.Subject Specific Skills Unit 5: Computer Vision Unit 6: Natural Language Processing Practical Practical: <i>Advanced Python</i>
HEALTH AND WELL BEING	Evaluation of exams & results 1. Promotion to a healthy lifestyle a. My habits and my health b. Non – communicable diseases c. Healthy lifestyle practices for students 2. Common diseases in adolescence a. Nutritional Deficiency Diseases b. Communicable diseases & lifestyle-related conditions c. Mental health concerns in adolescence 3. Goal setting – planning for academic success a. Goal setting – building the road to success b. Academic planning, time management & breaking big targets c. Breaking big targets & overcoming obstacles 4. Coping up stress a. Stress management – learning to stay calm and confident b. Healthy communication during stress speaking calmly, listening carefully, supporting each other	5. Self-development – growing into your best self a. Building Self-Confidence & Dealing with Fear of Failure b. Gratitude and positive living choosing thankfulness, growing in positivity c. Healthy lifestyle, mental health & creative balance 6. Talking about the big giant a. Understanding board exam stress b. Smart study planning and effective study techniques c. “Beat the clock & calm the mind!” Mastering time & taming exam anxiety d. “Confidence on! Stress gone!” Building strength & staying healthy during exam 7. Substance misuse awareness a. Understanding substance misuse – what & why? b. Effects on body and brain c. Recognizing warning signs d. Building resistance skills

CLASS-XI		
SUBJECT	TERM-1	TERM-2
ENGLISH	Hornbill <ul style="list-style-type: none"> ● The Portrait of a Lady ● A Photograph ● We Are Not Afraid to Die if We Are All Together. ● Discovering Tut ● Voice of the Rain ● The Laburnum Top. 	Hornbill <ul style="list-style-type: none"> ● The Adventure ● Childhood ● Father to Son ● Silk Road Snapshots <ul style="list-style-type: none"> ● Mother’s Day ● Birth

	<p>Snapshots</p> <ul style="list-style-type: none"> • The Summer of the Beautiful White Horse • Address <p>Short Writing Skills</p> <ul style="list-style-type: none"> • Poster <p>Long Writing Skills</p> <ul style="list-style-type: none"> • Speech • Business letters: complaint, placing orders, making enquiries. <p>Reading Comprehension, Case-based Passage, & Note-Making</p> <p>Grammar -Tenses & Transformation of Sentences</p> <p>INTERNAL ASSESSMENT (20 Marks) Assessment of Speaking and Listening (5+5) Project Activity (10)</p>	<ul style="list-style-type: none"> • The Tale of the Melon City. <p>Short Writing Skills</p> <ul style="list-style-type: none"> • Advertisement- Promotional & classifieds <p>Long Writing Skills</p> <ul style="list-style-type: none"> • Debate <p>Reading Comprehension, case-based passage & note-making</p> <p>Grammar -Tenses & Transformation of Sentences</p> <p>INTERNAL ASSESSMENT (20 Marks) Research Essay Project Activity (10) Assessment of Speaking (Viva) and Listening (5+5)</p> <p><u>FULL SYLLABUS FOR FINAL TERM [TERM 1+ TERM 2]</u></p>
PHYSICS	<p>UNIT 1 Physical world and measurement</p> <p>UNIT 2 Kinematics</p> <p>UNIT 3 Laws of Motion</p> <p>UNIT 4 Work, Energy and Power</p> <p>UNIT 5 Motion of system of particles and rigid body</p>	<p>UNIT 6 Gravitation</p> <p>UNIT 7 Properties of Bulk Matter</p> <p>UNIT 8 Thermodynamics</p> <p>UNIT 9 Behavior of Perfect Gases and Kinetic Theory of Gases</p> <p>UNIT 10 Oscillations and Waves</p>
CHEMISTRY	<p>1. Some basic concepts of Chemistry</p> <p>2. Structure of atom</p> <p>3. Periodic classification of elements and periodicity in properties</p> <p>4. Chemical bonding and molecular structure</p> <p>5. Chemical thermodynamics</p>	<p>6. Equilibrium</p> <p>7. Redox reactions</p> <p>8. Organic chemistry :- some basic principles and techniques</p> <p>9. Hydrocarbons</p>
MATHEMATICS	<p>1. Sets</p> <p>2. Relation and Function</p> <p>3. Trigonometric Functions</p> <p>4. Complex Numbers & Quadratic Equation</p> <p>5. Linear Equalities</p> <p>6. Permutation and Combination</p> <p>7. Binomial Theorem</p>	<p>1. Conic Sections</p> <p>2. Introduction to Three-Dimensional Geometry</p> <p>3. Statistics</p> <p>4. Probability</p>

	8. Straight Lines 9. Sequence and Series 10. Limits and Derivatives	
BIOLOGY	1. The Living World 2. Biological Classification 3. Plant Kingdom 4. Animal Kingdom 5. Morphology of Flowering Plants 6. Anatomy of the Flowering Plants 7. Structural Organisation in Animals 8. Cell- The Unit of Life 9. Cell Cycle and Cell Division	10. Biomolecules 11. Photosynthesis in Higher Plants 12. Respiration in Plants 13. Plant Growth and Development 14. Breathing and Exchange of Gases 15. Body Fluids and Circulation 16. Excretory Products and its Elimination 17. Locomotion and Movement 18. Neural Control and Coordination 19. Chemical Coordination and Integration
ACCOUNTANCY	<ul style="list-style-type: none"> ● Introduction to Accounting ● Theory Base of Accounting ● Recording of Transactions-I ● Recording of Transactions-II ● Bank Reconciliation Statement ● Depreciation, Provisions and Reserves ● Project Work 	<ul style="list-style-type: none"> ● Trial Balance and Rectification of Errors ● Financial Statements I ● Financial Statements II ● Accounts from Incomplete Records ● Project Work
BUSINESS STUDIES	<ul style="list-style-type: none"> ● Nature and Purpose of Business ● Forms of Business Organisations ● Public, Private and Global Enterprises ● Business Services ● Emerging Modes of Business ● Social Responsibility of Business and Business Ethics ● Project Work 	1. Sources of Business Finance <ul style="list-style-type: none"> ● Small Business ● Internal Trade ● International Business ● Project Work
ECONOMICS	PART A Statistics for Economics <ol style="list-style-type: none"> 1. Introduction 2. Collection, Organization and Presentation Of Data 	PART A Statistics for Economics <ol style="list-style-type: none"> 1. Statistical Tools and Interpretation –Correlation, Index Number PART B Introductory Microeconomics <ol style="list-style-type: none"> 3. Producer’s Behaviour and Supply

	<p>3. Statistical Tools and Interpretation – Arithmetic Mean, Median And Mode</p> <p>Part B Introductory Microeconomics</p> <ol style="list-style-type: none"> 1. Introduction 2. Consumer's Equilibrium And Demand 	<p>4. Forms Of Market and Price Determination</p> <p>Under Perfect Competition with Simple Applications</p> <p>PART C Project Work : 20 Marks</p> <p>Learners will complete only ONE project</p>
SOCIOLOGY	<p><u>Book -1 Introducing Sociology</u></p> <p>Chap-1 Sociology and Society</p> <p>Chap-2 Terms, Concepts and their Use in Sociology</p> <p>Chap-3 Understanding Social Institutions</p> <p>Chap-4 Culture and Socialization</p>	<p><u>Book-2 Understanding Society</u></p> <p>Chap-2 Social Change and Social Order in Rural and Urban Society</p> <p>Chap-4 Introducing Western Sociologists</p> <p>Chap-5 Indian Sociologists</p>
POLITICAL SCIENCE	<p>BRIDGE COURSE:</p> <ol style="list-style-type: none"> 1. Political Theory, 2. Constitution at work, 3. Election and Representation, 4. Freedom, 5. Legislature, 6. Equality, 7. Executive, 8. Judiciary, 9. Constitution as a living document. 	<ol style="list-style-type: none"> 1. Rights in the Indian constitution, Federalism, 2. Social Justice, 3. Rights, 4. Local Government, 5. The Philosophy of Constitution, 6. Citizenship, 7. Nationalism, 8. Secularism
HISTORY	<p>BRIDGE COURSE:</p> <ul style="list-style-type: none"> ● Introduction to World History ● Section A: Early Societies ● Introduction ● Writing and City Life ● Section B: Empires ● Introduction ● An Empire Across Three Continents ● Nomadic Empires ● section c: changing traditions ● Introduction ● The Three Orders ● Changing Cultural Traditions 	<ul style="list-style-type: none"> ● Section D: Paths to Modernization ● Introduction ● Displacing Indigenous People ● Paths to Modernization
GEOGRAPHY	BRIDGE COURSE:	Book 1

	<p>Book 1</p> <ul style="list-style-type: none"> ● Geography as a Discipline ● The Origin and Evolution of the Earth ● Interior of the Earth ● Distribution of Ocean and Continents ● Geomorphic Processes ● Landforms and their Evolution ● Composition and Structure of Atmosphere <p>Book 2</p> <ul style="list-style-type: none"> ● India- Location ● Structure and Physiography ● Drainage System ● Practical work ● Introduction to Maps ● Map Scale ● Latitude, Longitude and Time 	<ul style="list-style-type: none"> ● Solar Radiation, Heat Balance and Temperature ● Atmospheric Circulation and Weather System ● Water in the Atmosphere ● World Climate and Climate Change ● Water(Oceans) ● Movements of Ocean Water ● Biodiversity and Conservation <p>Book 2</p> <ul style="list-style-type: none"> ● Natural Vegetation ● Natural Hazards and Disasters ● Climate <p>Practical work Map Projections Topographical Maps Introduction to Remote Sensing</p>
<p>COMPUTER SCIENCE</p>	<p>BRIDGE COURSE:</p> <p>a) Computer Systems and Organisation</p> <ul style="list-style-type: none"> ● Basic Computer Organisation, Types of software, Operating system. ● Boolean logic, Number system, Encoding schemes, Emerging trends ● Flow Charts <p>b) Computational Thinking and Programming</p> <ul style="list-style-type: none"> ● Introduction to problem solving, Familiarization with the basics of Python <p>c) Computational Thinking and Programming Expressions, statement, type conversion & input /output, Errors: syntax errors, logical errors, runtime errors, Flow of control, Conditional statements, Iterative statements</p>	<p>a) Computational Thinking and Programming</p> <ul style="list-style-type: none"> ● Strings, Lists, Tuples, Dictionary, Sorting techniques, <p>b) Society, Law and Ethics -</p> <ul style="list-style-type: none"> ● Digital Footprints, Digital Society and Netizen, Data protection ● Cyber-crime, Cyber safety, Safely accessing web sites, Indian Information Technology Act (IT Act), Technology & Society ● E-waste management
<p>INFORMATION TECHNOLOGY</p>	<p>BRIDGE COURSE:</p> <p>Employability skills Unit 1 :communication skills-iii</p>	<p>Employability skills Unit 4: entrepreneur skills-iii Unit 5: green skills-iii</p> <p>Subjected specific skills</p>

	Unit 2: self-management skills-iii Unit 3: ict skills-iii Subjected specific skills Unit 3: office automation tools Unit 2: rdbms Unit 1: computer organization	Unit 2: Networking and internet Unit 5: Fundamentals of java
ARTIFICIAL INTELLIGENCE	BRIDGE COURSE: PART A Employability skills Unit 1: Communication Skills – III Unit 2: Self-Management Skills – III Unit 3: ICT Skills – III PART B Unit 1: Introduction: Artificial Intelligence for Everyone Unit 2: Unlocking your Future in AI Unit 3: Python Programming Unit 4: Introduction to Capstone Project Unit 5: Data Literacy – Data Collection to Data Analysis	PART A Unit 4: Entrepreneurial Skills – III Unit 5: Green Skills – III PART B Unit 6: Machine Learning Algorithms Unit 7: Leveraging Linguistics and Computer Science Unit 8: AI Ethics and Values PART C PRACTICAL /PROJECT WORK (Term 1 & 2) <ul style="list-style-type: none"> ● IBM Skills Build Certification/any other industry certification Capstone Project ● Bootcamps/ Internship/other startups ● Practical File ● Lab Test/ Written Exam (based on practical file) ● Viva Voce (based on practical file and project)
PSYCHOLOGY	BRIDGE COURSE: Chapter 1 What is Psychology? Chapter 2 Methods of Enquiry in Psychology Chapter 4 Human Development Chapter 5 Sensory, Attentional & Perceptual Processes Chapter 6 Learning	Chapter 7 Human Memory Chapter 8 Thinking Chapter 9 Motivation and Emotion *Art Integrated - The syllabus includes project and practical files. During class roleplay, drawings of emotions, discussion and possible solutions to problems, stories and videos are included. *Subject Integrated(English)-Writing on the movie Inside out 2, linked with Chapter 7,8 and 9
PHYSICAL EDUCATION	BRIDGE COURSE: Ch.1 Changing Trends and career in Physical Education Ch.2 Olympic Value Education	Ch.6 Test, Measurement and Evaluation Ch.7 Fundamentals of Anatomy and Physiology in sports.

	Ch.3 Yoga Ch.4 Physical Education and sports for CWSN(Children With Special Needs-Divyang Ch.5 Physical Fitness, Health and Wellness	Ch. 8 Fundamentals of kinesiology and Biomechanics in Sports Ch. 9 Psychology and Sports Ch.10 Training and Doping in Sports.
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CLASS-XII

SUBJECTS		
ENGLISH	<p>BRIDGE COURSE: 1. Use of capital letters and apostrophes 2. Literary Devices</p> <p>FLAMINGO:</p> <p>PROSE:</p> <ol style="list-style-type: none"> 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. The Rattrap 5. Indigo 6. Poets and Pancakes 7. The Interview 8. Going Places <p>POETRY:</p> <ol style="list-style-type: none"> 1. My Mother at Sixty-Six 2. Keeping Quiet 3. A Thing of Beauty 4. A Roadside Stand 5. Aunt Jennifer's Tigers 	<p>VISTAS:</p> <ol style="list-style-type: none"> 1. The Third Level 2. The Tiger King 3. Journey to the end of the Earth 4. The Enemy 5. On the Face of It 6. Memories of Childhood <ul style="list-style-type: none"> • The Cutting of My Long Hair • We Too are Human Beings <p>CREATIVE WRITING:</p> <p>A. 1. Notice 2. Invitation and Replies</p> <p>B. LETTER-WRITING: Letters to the Editor Job Application</p> <p>C. LONG WRITING SKILL Report Writing Article Writing</p> <p>INTERNAL ASSESSMENT (20 Marks) Assessment of speaking and listening (5+5) Project (10)</p>
PHYSICS	<ol style="list-style-type: none"> 1. Electric Charges and Fields 2. Electrostatic Potential and Capacitance 3. Current Electricity 4. Moving Charges and Magnetism 5. Magnetism and Matter 6. Electromagnetic Induction 7. Alternating Current 8. Electromagnetic Waves 	<ol style="list-style-type: none"> 9. Ray Optics and Optical Instruments 10. Wave optics 11. Dual Nature of Radiation and Matter 12. Atoms 13. Nuclei 14. Semiconductor Electronics: Materials, Devices and Simple Circuits
CHEMISTRY	<ol style="list-style-type: none"> 1. Solutions 2. Electrochemistry 3. Chemical Kinetics 4. D & F block elements 5. Coordination Compounds 	<ol style="list-style-type: none"> 7. Alcohols, Phenols and ethers 8. Aldehydes, Ketones and carboxylic acids 9. Amines 10. Biomolecules

	6. Haloalkanes and Haloarenes	
MATHEMATICS	<ol style="list-style-type: none"> 1. Relations and Functions 2. Inverse Trigonometric Functions 3. Matrices 4. Determinants 5. Continuity and Differentiability 6. Application of Derivatives 7. Integrals 	<ol style="list-style-type: none"> 8. Application of Integrals 9. Differential Equations 10. Vector Algebra 11. Three-Dimensional Geometry 12. Linear Programming 13. Probability
BIOLOGY	<p>Chapter 1 Sexual Reproduction in Flowering Plants</p> <p>Chapter 2 Human Reproduction</p> <p>Chapter 3 Reproductive Health</p> <p>Chapter 4 Principles of Inheritance and Variation</p> <p>Chapter 5 Molecular Basis of Inheritance</p> <p>Chapter 6 Evolution</p> <p>Chapter 7 Human Health and Diseases</p>	<p>Chapter 8. Microbes in Human Welfare</p> <p>Chapter 9. Biotechnology Principles and Processes</p> <p>Chapter 10. Biotechnology and Its Application</p> <p>Chapter 11. Organisms and Populations</p> <p>Chapter 12. Ecosystem</p> <p>Chapter 13. Biodiversity and Conservation</p>
ACCOUNTANCY	<ol style="list-style-type: none"> 1. Revising Adjustments in financial statements (XI) 2. Ratios and Percentages 3. Accounting for Partnership: Basic Concepts 4. Reconstitution of a Partnership Firm- Admission of a Partner 5. Reconstitution of a Partnership Firm- Retirement/Death of a Partner 6. Dissolution of a Partnership Firm 7. Accounting for Share Capital 	<ol style="list-style-type: none"> 8. Financial Statements of a Company 9. Issue of Debentures 10. Financial Statement Analysis, 11. Accounting Ratios 12. Analysis of Financial Statements 13. Cash Flow Statement
BUSINESS STUDIES	<ol style="list-style-type: none"> 1. Sources of Business Finance (XI) 2. Nature and Significance of Management 3. Principles of Management 4. Business Environment 5. Planning 6. Organising 	<ol style="list-style-type: none"> 7. Staffing 8. Directing 9. Controlling 10. Marketing Management 11. Financial Management 12. Financial Markets 13. Consumer Protection
ECONOMICS	<p>Part A: Introductory Macroeconomics</p> <ul style="list-style-type: none"> ● Money and Banking ● Government Budget and the Economy ● Balance of Payments 	<p>Part A: Introductory Macroeconomics</p> <ul style="list-style-type: none"> ● Determination of Income and Employment <p>Part B: Indian Economic Development</p>

	<ul style="list-style-type: none"> ● National Income and Related Aggregates <ul style="list-style-type: none"> Part B: Indian Economic Development ● Development Experience (1947-90) and Economic Reforms since 1991: <ul style="list-style-type: none"> ○ Indian Economy on the eve of Independence ○ Indian Economy (1950-90) ○ Liberalisation, Privatisation and Globalisation : An Appraisal ● Current challenges facing Indian Economy <ul style="list-style-type: none"> ○ Human Capital Formation 	<ul style="list-style-type: none"> ● Current challenges facing Indian Economy <ul style="list-style-type: none"> ○ Rural development ○ Employment ○ Sustainable Economic Development ● Development Experience of India – A Comparison with Neighbors- <ul style="list-style-type: none"> ○ Comparative Development Experience of India and its Neighbors <p>One Project (20 marks) (learners will complete only ONE project)</p>
SOCIOLOGY	<p><u>Book -1</u> <u>Indian Society</u></p> <p>Chap-2 The Demographic Structure of the Indian Society</p> <p>Chap-3 Social Institutions – Continuity and Change</p> <p>Chap-5 Patterns of Social Inequality and Exclusion</p> <p>Chap-6 The Challenges of Cultural Diversity</p>	<p><u>Book-2</u> <u>Social Change and Development in Indian Society</u></p> <p>Chap- 1 Structural Change</p> <p>Chap-2 Cultural change</p> <p>Chap-4 Change and Development in Rural Society</p> <p>Chap-5 Change and Development in Industrial Society</p> <p>Chap-8 Social Movements</p>
POLITICAL SCIENCE	<ol style="list-style-type: none"> 1. End of bipolarity 2. New centres of power 3. Contemporary South Asia Challenges of nation building 4. Planning and development 5. India’s foreign policy 6. Parties and the party system in india 7. Democratic resurgence 	<ol style="list-style-type: none"> 8. United nations and its organizations 9. Security in contemporary world 10. Environment and natural resources 11. Globalization 12. Regional aspirations Indian Politics: trends and developments

HISTORY	<p>Themes in Indian History Part-I Theme 1 Bricks, Beads and Bones Theme 2 Kings, Farmers and Towns Theme 3 Kinship, Caste and Class Theme 4 Thinkers, Beliefs and Buildings</p> <p>Themes In Indian History Part-II Theme 5 Through the Eyes of Travelers Theme 6 Bhakti –Sufi Traditions Theme 7 An Imperial Capital: Vijayanagar Theme 8 – Peasants, Zamindars and the State</p>	<p>Themes In Indian History Part-III Theme 10 Colonialism and The Countryside Theme 11 Rebels and the Raj Theme 13 Mahatma Gandhi and the Nationalist Movement Theme 15 Framing the Constitution</p>
GEOGRAPHY	<p>Book I- Fundamentals Of Human Geography</p> <ul style="list-style-type: none"> ● Human Geography ● The World Population Distribution, Density And Growth ● Human Development ● Primary Activities ● Secondary Activities ● Tertiary And Quaternary Activities ● International Trade ● Transport And Communication <p>Practical Work In Geography</p> <ul style="list-style-type: none"> ● Data- Its Source And Compilation ● Data Processing ● Graphical Representation Of Data ● Spatial Information Technology 	<p>Book II India People And Economy</p> <ul style="list-style-type: none"> ● Population: Distribution, Density, Growth And Composition ● Human Settlements ● Land Resources And Agriculture ● Water Resources ● Mineral And Energy Resources ● Planning And Sustainable Development In Indian Context ● International Trade ● Transport And Communication ● Geographical Perspective On Selected Issues And Problems
COMPUTER SCIENCE	<p>Unit I: Computational Thinking and Programming – 2</p> <ul style="list-style-type: none"> ● Revision of Python topics covered in Class XI. <p>Unit II: Computer Networks</p> <ul style="list-style-type: none"> ● Evolution of networking ● Data communication terminologies ● Transmission media and Network devices ● Network protocols, topologies and types ● Introduction to web services <p>Unit III: Database Management</p> <ul style="list-style-type: none"> ● Database concepts and Relational data model 	<p>Functions</p> <ul style="list-style-type: none"> ● Exception Handling ● Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths ● Text file ● Binary file ● CSV file ● Data Structure <p>Interface of python with an SQL database</p>

	<ul style="list-style-type: none"> • Structured Query Language 	
INFORMATION TECHNOLOGY	<p>Employability Skills Unit 1 :Communication Skills-IV Unit 2: Self-Management Skills-IV Unit 3: ICT Skills-IV</p> <p>Subjected Specific Skills Unit 2: Operating Web based Applications. Unit 1: RDBMS</p>	<p>Employability Skills Unit 4: Entrepreneur Skills-IV Unit 5: Green Skills-IV</p> <p>Subjected Specific Skills Unit 3: Java Fundamentals Unit 4:Work Integrated Learning IT</p>
ARTIFICIAL INTELLIGENCE	<p>Employability Skills Unit 1 :Communication Skills-IV Unit 2: Self-Management Skills-IV Unit 3: ICT Skills-IV</p> <p>Subjected Specific Skills Unit 1: Python Programming – II* Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project Unit 3: Making Machines See Unit 4: AI with Orange Data Mining Tool*</p>	<p>Employability Skills Unit 4: Entrepreneur Skills-IV Unit 5: Green Skills-IV</p> <p>Unit 5: Introduction to Big Data and Data Analytics Unit 6: Understanding Neural Networks Unit 7: Generative AI Unit 8: Data Storytelling</p>
PSYCHOLOGY	<p>Chapter 1 Variation in Psychological Attribute: Chapter 2 Self and Personality Chapter 3 Meeting Life Challenges Chapter 4 Psychological disorders</p>	<p>Chapter 5 Therapeutic Approaches Chapter 6 Attitude and Social Cognition Chapter 7 Social Influence and Group Processes</p> <p>Practical -MIS,SCAT,MIP,SCQ and AISS Case File- Study of a subject and their mental disorder such as depression,anxiety, PTSD etc</p>
PHYSICAL EDUCATION	<ol style="list-style-type: none"> 1. Management of Sporting Events. 2. Children and Women in Sports 3. Yoga as Preventive Measures for Lifestyle Disease 4. Physical Education and Sports for CWSN (Children With Special Need) 5. Sports and Nutrition 	<ol style="list-style-type: none"> 6. Test and Measurement in Sports 7. Physiology and Injuries in Sports 8. Biomechanics and Sports 9. Psychology and Sports 10. Training in Sports