

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

CLASS-VI		
SUBJECTS	TERM-1	TERM-2
ENGLISH	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.	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>
HINDI	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	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
MATHEMATICS	1. NUMBER PLAY 2. PRIME TIME 3. FRACTIONS	1. PRIME TIME 2. FRACTIONS 3. THE OTHER SIDE OF

	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. द्वितीय पाठः = एषः कः ? एषा कः ? एतत् किम् ? 3. तृतीयः पाठः = अहं च त्वं च 4. चतुर्थः पाठः = अहं प्रातः उतिष्ठामि 5. षष्ठः पाठः = सः एव महान चित्रकारः 6. सप्तमः पाठः = अतिथिदेवो भव 7. अष्टमः पाठः = बुद्धि सर्वार्थसाधिका	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

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)	1. Kitchen Gardening 2. Makers Skill	1. Cooking without Fire 2. Kitchen Gardening (Continued)

CLASS-VII		
SUBJECTS	TERM-1	TERM-2
ENGLISH	GRAMMAR: Verbs(finities and	<i>My Brother's Great Invention</i>

	non-finites); Adverbs, Prepositions, Conjunctions(coordinating, correlative and subordinating) WRITING : Informal letter, Formal letter (to the Editor); Descriptive paragraph (person & place); Paragraph Writing (Picture composition). Unit 1: Learning Together The Day the River Spoke 1 Try Again 16 Three Days to See 28 Unit 2: Wit and Humour Animals, Birds, and Dr. Dolittle 43 A Funny Man 59 Say the Right Thing 70 Unit 3: Dreams and Discoveries My Brother's Great Invention	91 <i>Paper Boats</i> 109 <i>North, South, East, West</i> 118 Unit 4: Travel and Adventure <i>The Tunnel</i> 139 <i>Travel</i> 157 <i>Conquering the Summit</i> 166 Unit 5: Bravehearts <i>A Homage to Our Brave Soldiers</i> 179 <i>My Dear Soldiers</i> 199 <i>Rani Abbakka</i> GRAMMAR: Modals; Active and Passive voice; Reported speech. WRITING: Formal letter) to the Editor) ; Diary Entry; Story writing; Descriptive Paragraph (events & incidents). N.B.: TERM 1 GRAMMAR WILL BE INCLUDED FOR TESTING IN THE ANNUAL EXAMS.
HINDI	Book used - Malhar 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) 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।	कुंडलिया (कविता) 6.) वर्षा बाहर (कविता) 7.) बिरजू महाराज से साक्षात्कार 8.) चिड़िया (कविता) 10.) मीरा के पद। व्याकरण उपसर्ग- प्रत्यय, संधि, विराम-चिह्न, वाक्य, अशुद्धियाँ एवं संशोधन, मुहावरे, पर्यायवाची, लोकोक्तियाँ, अनेक शब्दों के लिए एक शब्द। लेखन अनौपचारिक पत्र, अनुच्छेद, संवाद, विज्ञापन।
MATHEMATICS	● CH 1 LARGE NUMBERS AROUND US ● CH 2 ARITHMETIC EXPRESSIONS ● CH 3 A PEEK BEYOND THE POINT	● CH 1 GEOMETRIC TWINS ● CH 2 OPERATION WITH INTEGERS ● CH 3 FINDING COMMON GROUND

	• 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	• CH 4 ANOTHER PEEK BEYOND THE POINT • CH 5 CONNECTING THE DOTS • CH 6 CONSTRUCTION AND TILINGS • CH 7 FINDING THE UNKNOWN
SCIENCE	Ch. 1 Ever revolving world of Science Ch. 2 Exploring substances: Acids, Bases, and Neutral. Ch. 3 Electricity circuits and their components. Ch. 4 The world of Metals and Non- metals Ch. 5 Changes around us Physical change and chemical change. Ch. 6 Adolescence: A stage of growth and change.	Ch- 7. Heat transfer Ch- 8 Measurement of Time and Motion, Ch -9 Life processes in Animals. Ch- 10 Life processes in Plants Ch- 11 Light, Shadows, and Reflection Ch- 12 Earth, Moon, and the Sun
SOCIAL SCIENCE	<u>TERM – 1 SYLLABUS</u> <u>[PART-1]</u> 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] 2. CIVICS – L-9 FROM THE RULERS TO THE RULED: TYPES OF GOVERNMENT. 3. HISTORY- L-4 NEW BEGINNINGS: CITIES AND STATES. [MAP 4.3 -16 MAHAJANPADS, Pg. no.71] 4. GEOG.- L-2 UNDERSTANDING THE WEATHER [MAP-2.13, Pg.40 WEATHER WARNING FOR INDIA] 5. HISTORY- L-5 THE RISE OF EMPIRES [MAP-IMPORTANT CITIES FOR TRADE, FIG.5.5, Pg. 92, FIG.5.12 Pg.99,	<u>TERM – 2 SYLLABUS</u> <u>[PART-2]</u> 1. GEOG.- L-1 THE STORY OF INDIAN FARMING [MAP - SOILS OF INDIA Fig.1.9 Pg. 12] 2. CIVICS – L-5 INDIA: HOME TO MANY 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] 4. GEOG. L-2 INDIA AND HER NEIGHBOURS [MAPWORK – INDIA AND THE NEIGHBOURING COUNTRIES] 5. CIVICS – L- 6 THE STATE, THE GOVERNMENT AND YOU [CLASS ACTIVITY- MOCK PARLIAMENT] [FLOW CHARTS ON THE ORGANS OF GOVT.] 6. ECONOMICS – L-7 INFRASTRUCTURE: ENGINE

	Fig.5.13,Pg.100 & TIMELINE -Pg. 96, 97, 113] 2.THE HISTORY OF SILK ROUTE, [PREPARE A PROJECT OF 8-10 Pg., with Index, Acknowledgement, Bibliography & Paste the Pictures]. 6. CIVICS – L-10 CONSTITUTION OF INDIA – AN INTRODUCTION 7. GEOG.- L-3 CLIMATE OF INDIA [MAP-FIG.3.7,PG.52. FIG.3.9 PG.54] 8. HISTORY-L-7 THE GUPTA ERA: AN AGE OF TIRELESS CREATIVITY [MAP- FIG.7.8 Pg. 152, TIMELINE- Fig.7.19 Pg. 164] 9. ECONOMICS – L-11 FROM BARTER TO MONEY [TIMELINE – EVOLUTION OF MONEY IN INDIA Fig.11.10 Pg. 238] L-12- UNDERSTANDING MARKETS [MAP – INDIA’S EXPORT AND IMPORT AROUND THE WORLD, Fig.12.10, Pg. 256]	OF INDIA’S DEVELOPMENT [ACTIVITY-LOCAL INFRASTRUCTURE-WRITE A SURVEY REPORT] ****PA –2 GEOG. L-1 & HISTORY L-4 6. GEOG.- L-3 CLIMATES OF INDIA 7. HISTORY L-7 THE GUPTA ERA: THE AGE OF TIRELESS CREATIVITY 8. ECONOMICS L-12 UNDERSTANDING MARKETS
SANSKRIT	TERM-1 1. प्रथमः पाठः = वन्दे भारतमातरम् 2. द्वितीय पाठः = नित्यं पिबामः सुभाग्यितरसम् 3. तृतीय पाठः = मित्राय नमः 4. चतुर्थः पाठः = न लभ्यते चेत् आम्लं द्राक्षाफलं 5. पञ्चम पाठः = सेवा हि परमो धर्मः 6. षष्ठः पाठः = खेदं वयं श्लोक कन्यालं चशीलम् 7. सप्तमः पाठः = ईशावास्यम् इदं सर्वं	TERM-2 1. अष्टः पाठः = हितं मनोहारी च दुर्लभम् वचः 2. नव पाठः = अन्नं भवन्ति भूतानि 3. दशः पाठः = दशमः कः 4. एकादशः पाठः = द्रौपद्यु रस्यः द्रौपदोऽन्धमानः 5. द्वादशः पाठः = वीरभोग्या पञ्चनद्या 6. त्रयोदशः पाठः = वर्णमालाः परिचयः 7. चतुर्दशः पाठः = शब्दरूपणि चतुरंगी
INFORMATION TECHNOLOGY	Digital Presentation 1. Introduction to Computer Software and its Types. 2. Fundamentals of Computer 5. Scratch Project- Animation	3: SCRATCH 4: CYBER SECURITY <i>Introduction to Python</i>
ARTIFICIAL INTELLIGENCE	Unit 1 - AI and Domains of AI 1. Domains of AI and NLP	Unit 2 - Exploring Innovations and Societal Sustainability

	2. Statistical Data <i>Scratch Project - Animation</i>	1. Sustainability 2. System Thinking and System Map <i>Introduction to Python</i>
HEALTH & WELLNESS	SYLLABUS Report Evaluation and Goal Setting for a New Session 1. Emotional wellbeing and mental health Knowing my emotions a. Knowing Emotions b. Managing challenging emotions (self-control) c. SWOT (Identifying my strengths, weakness, opportunities and threats) 2. Disciplined School Life a. Understanding Discipline b. Discipline in School life c. Classroom Discipline d. Discipline in language and communication 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 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 emotions	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 6. Coping with stress a. Managing stress by talking about it 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 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
VOCATIONAL EDUCATION (KAUSHAL BODH)	1. School Habitat Garden 2. Family Health Book	1. School Habitat Garden (Continued) 2. Tie and Dye

CLASS-VIII		
SUBJECTS	TERM-1	TERM-2
ENGLISH	Literature: Unit 1: Wit and Wisdom The Wit that Won Hearts 1 A Concrete Example 17 Wisdom Paves the Way 27 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 Unit 3: Mystery and Magic The Case of the Fifth Word Grammar: Tenses, Active and passive voice. Writing: Formal letter- letter to the editor.	Literature: The Magic Brush of Dreams 122 Spectacular Wonders 137 Unit 4: Environment The Cherry Tree 155 Harvest Hymn 173 Waiting for the Rain 185 Unit 5: Science and Curiosity Feathered Friend 205 Magnifying Glass 222 Bibha Chowdhuri: The Beam of Light that Lit the Path for Women in Indian Science Grammar: Reported speech, conjunctions. Writing- Descriptive paragraph, Formal letter and diary entry. N. B. : Term 1 Grammar will be included for testing in Annual Exam
HINDI	TERM I पाठ्य पुस्तक मल्हार भाग 3 गद्य पाठ 1.दो गौरैया 2.हरिन्दार 3.एक खिलौना---- पद्य पाठ 1.स्वदेश प्रेम 2.एक आशीर्वाद व्याकरण विकारी व अविकारी शब्द 2.उपसर्ग व प्रत्यय 4.मुहावरें व लोकोक्तियाँ 5.पर्यायवाची शब्द 6 पाठों से संबंधित व्याकरण लेखन 1. अनुच्छेद लेखन, औपचारिक पत्र, संवाद लेखन, विज्ञापन	TERM II 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 पाठों से संबंधित व्याकरण अनेक शब्दों के लिए एक शब्द, विलोम शब्द, कारक लेखन 1. अनुच्छेद लेखन, औपचारिक पत्र, संवाद लेखन, विज्ञापन
MATHEMATICS	• CH 1 A SQUARE AND A CUBE • CH 2 POWER PLAY	• CH 1 FRACTIONS IN DISGUISE

	• 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	• 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	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	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
SOCIAL SCIENCE	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 ELECTORAL SYSTEM [FLOW CHART – Fig. 5.1] L-6 THE PARLIAMENTARY SYSTEM: LEGISLATURE & EXECUTIVE [TABLE Fig. 6.8 Pg.147, TABLE- Pg.153. Fig.6.11 Pg.155, TABLE- [Pg. 156] ECONOMICS – L-7 FACTORS OF PRODUCTION [Table on Pg.165, FLOW CHART Fig.7.16 Pg.174]	Term – 2 Syllabus will be added after the release of Book-2. PORTFOLIO 2 - ALL THE MAP ACTIVITIES, CLASS ACTIVITIES AND NOTEBOOK RECORDS S.E.-2 WH-HW-[AIL] COMIC STRIPS ON HISTORY TOPIC
SANSKRIT	Term-1	Term-2

	पाठ्य पुस्तक दीपकम् 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 1. वर्णोच्चारण -शिक्षा 2. धातु रूप 3. गणना	6. डिजिभारतम् -युगपरिवर्तनम् 7. मञ्जुलमञ्जूषा सुन्दरसुरभाषा 8. पश्यत कोणमैशान्य भारतस्य मनोरंजन 9. कोडरूक?कोडरूक? कोडरूक? 10.सम्यग्वर्ण प्रयोगेण ब्रह्मलोके महीयते व्याकरण 1. व्याकरण (उपसर्ग) 2. शब्दरूपाणि (रूप) 3. गणना
INFORMATION TECHNOLOGY	Spreadsheet 1. IT in Home Computing and Everyday Life. 2. Fundamentals of Computer Scratch Project - Game Creation	3. Algorithm and Flowchart 4. Internet and Cyber Security Introduction to Python
ARTIFICIAL INTELLIGENCE	Unit 1 - Introduction to AI Project Cycle and AI Ethics 1. AI Project Cycle 2. AI Ethics Scratch Project - Game Creation	Unit 2 - Presentation in AI 1. AI Concept at a Glance 2. Creating a Dialogic Presentation on AI Introduction to Python
HEALTH & WELLNESS	Report Evaluation and Goal Setting for a New Session 1. Emotional wellbeing and mental health (6-8 periods) a. Managing challenging emotions b. Who is my biggest support system c. Displays strategies to overcome challenging situations d. Emotional maturity 2. Interpersonal relationships a. Nurturing positive relationships b. Dealing with unhealthy relationships 3. Coping with stress management a. Managing stress by talking about it	4. Handling of social media 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 a. Storehouse of information b. Real and reel life c. Let's Learn To Manage Screen Time d. Cyberbullying: Words That Hurt 6. Respect 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	1. Hydroponics-Growing plants without soil.	1. Hydroponics-Growing plants without soil

(KAUSHAL BODH)	2. Water Audit for Water Management	(continued) 2. Working with wood/ Needle work
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CLASS IX REVISED SYLLABUS

Do include Art Integrated Activities referring to the CBSE circular no 17. While planning SE activities. [Our corresponding state is Puducherry]

SUBJECT	TERM 1	TERM 2
ENGLISH LANGUAGE & LITERATURE (184)	M.A.1- Story Review S.E/AIL-1- Speaking and Listening Skill activities conducted in class (L-1,2,3) Portfolio-1- Holiday H.W. and N.B. Term-1 P.A.1 Syllabus- Bridge Course- Grammar- Verbs, Subject-verb concord Creative Writing: Letter to Editor, Diary Entry Literature: How I taught my grandmother to read P.A.2 Syllabus- Grammar: Modals, Determiners Literature: Poem- Bharat our Land, L-Pot Maker I TERM- Literature L-1-4, Extra Reading-Quality, The Last Leaf, The Lost Child, The Lamp Lighter, P-1-4 Grammar- Modals, Determiners, Conditional Clause Type-I, Creative Writing- Notice, Informal Invitation(up to 50 words), Letter to Editor, E-mail(120-150 words), Magazine Article(120-150 words), Descriptive/Narrative Essay (200-250words) Reading- Unseen Passages Subject-verb concord, Clauses ,Relative)	M.A.2- Slogan Writing(Pg-165), Group Activity -2(Pg-219) S.E/AIL-2- Speaking and Listening Skill activities conducted in class (L-5,6,7) Portfolio-2- Holiday H.W. and N.B. Term-2 P.A.3 Syllabus- Grammar: Subject-Verb Concord, Noun Clause Literature: The World of Limitless Possibilities Poem-Nine Gold Medals II TERM- Literature L-1-8, P-1-8 Grammar- Modals, Determiners, Conditional Clause Type-I, Creative Writing- Notice, Informal Invitation(up to 50 words), Letter to Editor, E-mail(120-150 words), Magazine Article(120-150 words), Descriptive/Narrative Essay (200-250words) Reading- Unseen Passages
SUBJECT	TERM-1	TERM-2
HINDI-B (085)	M.A.1- भारति, जय विजय करें कविता का अनुवाद।	M.A.2- रानी लक्ष्मी बाई (झांसी की रानी) कविता।

	S.E/AIL-1- राम- लक्ष्मण परशुराम संवाद अपने शब्दों में A-4 साइज शीट पर लिखिए। Portfolio -1 लता मंगेशकर का साक्षात्कार की तरह छात्र-छात्राएं अपने परिवार के किसी एक सदस्य के साथ साक्षात्कार कर के लिखेंगे। P.A.1 Syllabus- संज्ञा, सर्वनाम, मुहावरे, उपसर्ग-प्रत्यय, अनौपचारिक पत्र। P.A.2 Syllabus- अपठित गद्यांश, संज्ञा, सर्वनाम, विराम चिह्न, पाठ- दो बैलों की कथा, क्या लिखूं। I TERM- Book used - गंगा गद्यांश पाठ्यक्रम 1. दो बैलों की कथा 2. क्या लिखूं। 3. संवादहीन 4. ऐसी भी बातें होती हैं। पद्यांश पाठ्यक्रम 1. रैदास के पद 2. राम लक्ष्मण परशुराम संवाद 3. भारति, जय। व्याकरण समानार्थी शब्द, संज्ञा, सर्वनाम, उपसर्ग-प्रत्यय, निपात, मुहावरे, विराम चिह्न, पाठ से संबंधित व्याकरण। लेखन अनुच्छेद, अनौपचारिक/ औपचारिक पत्र, संवाद लेखन, दृश्य वर्णन।	S.E/AIL-2- देश मात्र एक भौगोलिक सीमा क्षेत्र नहीं है। इस विषय पर परिचर्चा में उभर कर आए बिंदुओं की रिपोर्ट तैयार कीजिए। Portfolio -2. रचनात्मक गतिविधियां (Creative Activities) महिला शिक्षा और समाज की बदलती सोच पर (Poster making) नारा लेखन। P.A.3 Syllabus- पाठ -आखिरी चट्टान, झांसी की रानी कविता। उपसर्ग-प्रत्यय, निपात, मुहावरे, विराम-चिह्न। RM- Book used. -गंगा गद्यांश पाठ्यक्रम 1. दो बैलों की कथा 2. क्या लिखूं 3. संवादहीन 4. ऐसी भी बातें होती हैं (लता मंगेशकर से साक्षात्कार) 5. आखिरी चट्टान तक 6. रीड की हड्डी 7. मैं और मेरा देश। पद्यांश पाठ्यक्रम 1. रैदास के पद 2. राम- लक्ष्मण- परशुराम संवाद 3. भारति, जय, विजय करें 4. झांसी की रानी 5. घर की याद। व्याकरण संज्ञा, सर्वनाम, निपात, विराम चिह्न, समानार्थी शब्द, उपसर्ग -प्रत्यय, मुहावरे, पाठ से संबंधित व्याकरण। लेखन- अनुच्छेद, अनौपचारिक /औपचारिक पत्र, संवाद, दृश्य वर्णन।
	TERM-1	TERM-2
MATHEMATICS (041)	M.A.1- crossword puzzle S.E/AIL-1- Square root spiral P.A.1 Syllabus- Bridge course, Number system and Polynomials P.A.2 Syllabus- Coordinate geometry and Linear Polynomials	M.A.2- MCQ (Coordinate geometry) S.E/AIL-2- activity on algebraic expression P.A.3 Syllabus- Surface area and volume and Triangles II TERM- Line and angles, Triangles, Quadrilaterals, circle, Arithmetic progression, Statistics

	I TERM- Coordinate geometry, Linear Polynomials, The world of numbers, Exploring algebraic identities, I am up and down and round P. and round, Perimeter and area, Probability	
SUBJECT	TERM-1	TERM-2
SCIENCE (086)	M.A.1- Graph based activity (Physics) S.E/AIL-1- Slides related activity (Biology) P.A.1 Syllabus- <u>Physics</u>: Bridge course on sound <u>Chemistry</u>: Bridge course on Metals and non-metals <u>Biology</u>: Bridge course on cell P.A.2 Syllabus- <u>Physics</u>: Ch 1: Motion <u>Chemistry</u>: Separation techniques for mixtures, concentrations and Tyndall effect <u>Biology</u>: Cell organelles, their structures and functions I TERM- <u>Physics</u>: Motion, Force and laws of motion, Work <u>Chemistry</u>: Exploring mixtures and their separation, Ch 2: Journey inside the atom <u>Biology</u>: Cell and Tissues	M.A.2- Models of atom (poster making activity) Chemistry Art Integrated activity S.E/AIL-2- Mixtures related activity (Chemistry) P.A.3 Syllabus- <u>Physics</u>: Ch 3: Work, energy and simple machines <u>Chemistry</u>: Ch 3: Atomic foundations of matter <u>Biology</u>: Ch 4: Diversity and classification II TERM- <u>COMPLETE SYLLABUS</u>
SUBJECT	TERM-1	TERM-2
SOCIAL SCIENCE (087) <i>(For Social Science, please mention the activity and write in brackets whether it is <u>Hist.</u>, <u>Geo.</u>, <u>Civ</u> or <u>Eco</u>)</i>	M.A.1- Group Activity-Geo & Hist. (Interdisciplinary Activity) Civilisations of the world- Sindh-Saraswati, Egypt, China, Mesopotamia (Collage making and presentation) S.E/AIL-1- Disaster Management Project (Slides) Subject integration- IT/AI P.A.1 Syllabus- BRIDGE COURSE	M.A.2- Quiz 1. (Civics) Quiz 2. Picture-based (Geo) S.E/AIL-2- Group Project on Pudducherry-Uttarakhand Subject Intergration-SSt.& Hindi P.A.3 Syllabus- L-5 AUTHORITY L-6 FROM IDEAS TO STARTUP II TERM- PART- TWO L-1 TO 7

	L-1 UNDERSTANDING SOCIAL SCIENCE P.A.2 Syllabus- L-2 SHAPING OF THE EARTH'S SURFACE. L-4 EARLY HUMANS AND BEGINNING OF CIVILIZATION. I TERM- L-2 Shaping of Earth's Surface (GEOGRAPHY) Map Work: Pg-16 (plate tectonics and their direction of movement) Map of India-State and Capital, Physical features L-4 Early Humans and Beginning of Civilisation (HISTORY) Who Were Our Human Ancestors? Palaeolithic, Mesolithic, Neolithic, Neolithic Period in Indian Subcontinent (pg 65-73) (pg-74 Map Work) L-5 State and Society up to 1000 CE (HISTORY) Understanding Early Indian State and Society, State and Administration: The Vedic Period, Political Institutions in the Vedic Period, Early Kingdoms and Republics, Duties and Ideals of the King, Council of Ministers (Pg-97-110) Social Structures and Everyday Life Varṇa and Jāti, Family and Society, Role of Women (116-123) (pg 126- Map work) Economy Agriculture and Land Revenue, Irrigation, Trade: Trade Routes and Ports, Guilds (pg 128-133) L-6 Democracy (CIVICS) L-7 Elections (CIVICS) L-8 Building Blocks in Economics: The Problem of Choice (ECONOMICS)	
SUBJECT	TERM-1	TERM-2

INFORMATION TECHNOLOGY	TERM 1 Part A: Employability Skills (10 Marks) • Unit 1: Communication Skills-I • Unit 2: Self-Management Skills-I • Unit 3: Basic Information and Communication Technology (ICT) Skills-I Part B: Subject-Specific Skills (40 Marks) • Unit 1: Introduction to IT-ITeS Industry • Unit 2: Data Entry and Keyboarding Skills • Unit 3: Digital Documentation (Using Libre office Writer)	TERM 2 Part A: Employability Skills (10 Marks) • Entrepreneurial Skills-I • Green Skills- I Part B: Subject-Specific Skills (40 Marks) • Unit 4: Electronic Spreadsheet • Unit 5: Digital Presentation PRACTICAL(50 MARKS) 1) Typing 2) Digital Document 3) Electronic Spreadsheet 4) Libre Office Impress Project Work Practical File Practical Work Note Book Viva
SUBJECT	TERM-1	TERM-2
ARTIFICIAL INTELLIGENCE	Term I Employability Skills 1. Communication Skills 2. Self-Management Skills Subject Specific Skills 1. AI Reflection, Domain and Ethics 2. Data Literacy	Term II General Skills 1. ICT Skills 2. Green Skills 3. Entrepreneurial Skills Subject Specific Skills 1. Math for AI 2. Python Basics 3. Generative AI PRACTICAL WORK 15 Programs in Python Programming PROJECT WORK Présentation on Domains of Artificial Intelligence

SUBJECTS	TERM-1	TERM-2
ENGLISH	TERM I • Reading Comprehension through Unseen Passage • Grammar : Determiners,Tenses, Modals, Subject-Verb Concord • Creative Writing: Descriptive Paragraph(Person) Diary Entry, Formal Letter, Analytical Paragraph • Literature First Flight (Prose) 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) 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) 1. A Triumph of Surgery 2.The Thief's Story 3.The Midnight Visitor 4.A Question of Trust 5.Footprints Without Feet	TERM II • Reading Comprehension through Unseen Passage • Grammar: Determiners,Tenses, Modals, Subject-Verb Concord, Reported Speech • Creative Writing: Formal Letter, Analytical Paragraph • Literature First Flight (Prose) 6.Mijbil the Otter 7.Madam Rides the Bus 8.The Sermon at Benaras 9.The Proposal(Play) (Poem) 6.Amanda 7.The Trees 8.Fog 9.The Tale of Custard the Dragon 10. For Anne Gregory Footprints Without Feet(Sup.Reader) 6. The Making of a Scientist 7.The Necklace 8. The Book that Saved the Earth
HINDI	TERM I पुस्तक स्पर्श -2 -पद्य पाठ्यक्रम साखी, मौरा, 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	TERM II पुस्तक स्पर्श -2 -पद्य पाठ्यक्रम- तोप, कर चले.., आत्मत्राण गद्य पाठ्यक्रम पतझर में टूटी पत्तियाँ, कारतसू सचयन- सपनों के सँ दिन, टोपी श्वेता व्याकरण-रचना के आधार पर वाक्य परिवर्तन , पदबंध , समास, मुहावरें, पाठ से संबंधित व्याकरण लेखन-अनुच्छेद लेखन, अनौपचारिक पत्र, सचूना, विज्ञापन, ई-मेल, लघुकथा
MATHEMATICS	TERM I 1. Real Numbers 2. Polynomials 3. Pair of linear equations In two variables 4. Quadratic equations, 5. Arithmetic Progression	TERM II 9. Height & Distances 10. Circles 11. Area related to circles 12. Surface Area & Volume 13. Statistics 14. Probability

	6. Coordinate Geometry 7. Triangles 8. Trigonometry	
SCIENCE	TERM I Physics: Electricity Magnetic effects of current Light (reflection) Chemistry: Chemical reactions and equations Acids bases and salts Biology: Life processes Control and coordination Reproduction (Asexual reproduction and reproduction in plants)	TERM II Physics: Light Human eye and the colourful world Chemistry: Metals and non-metals Carbon and its compounds Biology: Reproduction Heredity Our environment
SOCIAL SCIENCE	TERM I History- L-1 The Rise Of Nationalism In Europe L-2 Nationalism In India Civics – L-1 Power Sharing L-2 Federalism Geography- L-1 Resources And Development L-2 Forest And Wildlife Resources Economics - L-1 Development L-2 Sectors Of The Indian Economy	TERM II History- L-3 Making Of A Global World L-4 The Age Of Industrialization L-5 Print Culture And The Modern World Civics – L-3 Gender, Religion And Caste L-4 Political Parties L-5 Outcomes Of Democracy Geography- L-3 Water Resources L-4 Agriculture L-5 Minerals And Energy Resources L-6 Manufacturing Industries Economics - L-3 Money And Credit L-4 Globalization And The Indian Economy
INFORMATION TECHNOLOGY	TERM I A. Employability Skills Unit 1: Communication Skills-II Unit 2: Self-Management Skills-II Unit 3: ICT Skills-II B. Specific Skills Unit 1: Digital Documentation (Advanced) Unit 2: Electronic Spreadsheet	TERM II A. Employability Skills Unit 4: Entrepreneurial Skills-II Unit 5: Green Skills-II B. Specific Skills Unit 3: Database Management System Unit 4: Maintain Health, Safety and Secure

	(Advanced)	Working Environment
ARTIFICIAL INTELLIGENCE	TERM I A. Employability Skills Unit 1: Communication Skills-II 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: Advanced Python	TERM II A. Employability Skills Unit 3: ICT Skills-II Unit 4: Entrepreneurial Skills-II Unit 5: Green Skills-II B. Subject Specific Skills Unit 5: Computer Vision Unit 6: Natural Language Processing Practical: Advanced Python
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 - The Portrait of a Lady - A Photograph	Hornbill - The Adventure - Childhood - Father to Son

	• We Are Not Afraid to Die if We Are All Together. • Discovering Tut • Voice of the Rain • The Laburnum Top. Snapshots • The Summer of the Beautiful White Horse • Address Short Writing Skills • Poster Long Writing Skills • Speech • Business letters: complaint, placing orders, making enquiries. Reading Comprehension, Case-based Passage, & Note-Making Grammar -Tenses & Transformation of Sentences INTERNAL ASSESSMENT (20 Marks) Assessment of Speaking and Listening (5+5) Project Activity (10)	• Silk Road Snapshots • Mother's Day • Birth • The Tale of the Melon City. Short Writing Skills • Advertisement- Promotional & classifieds Long Writing Skills • Debate Reading Comprehension, case-based passage & note-making Grammar -Tenses & Transformation of Sentences INTERNAL ASSESSMENT (20 Marks) Research Essay Project Activity (10) Assessment of Speaking (Viva) and Listening (5+5) <u>FULL SYLLABUS FOR FINAL TERM [TERM 1+ TERM 2]</u>
PHYSICS	UNIT 1 Physical world and measurement UNIT 2 Kinematics UNIT 3 Laws of Motion UNIT 4 Work, Energy and Power UNIT 5 Motion of system of particles and rigid body	UNIT 6 Gravitation UNIT 7 Properties of Bulk Matter UNIT 8 Thermodynamics UNIT 9 Behavior of Perfect Gases and Kinetic Theory of Gases UNIT 10 Oscillations and Waves
CHEMISTRY	1. Some basic concepts of Chemistry 2. Structure of atom 3. Periodic classification of elements and periodicity in properties 4. Chemical bonding and molecular structure 5. Chemical thermodynamics	6. Equilibrium 7. Redox reactions 8. Organic chemistry :- some basic principles and techniques 9. Hydrocarbons
MATHEMATICS	1. Sets 2. Relation and Function 3. Trigonometric Functions	1. Conic Sections 2. Introduction to Three-Dimensional Geometry 3. Statistics

	4. Complex Numbers & Quadratic Equation 5. Linear Equalities 6. Permutation and Combination 7. Binomial Theorem 8. Straight Lines 9. Sequence and Series 10. Limits and Derivatives	4. Probability
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	• Introduction to Accounting • Theory Base of Accounting • Recording of Transactions-I • Recording of Transactions-II • Bank Reconciliation Statement • Depreciation, Provisions and Reserves • Project Work	• Trial Balance and Rectification of Errors • Financial Statements I • Financial Statements II • Accounts from Incomplete Records • Project Work
BUSINESS STUDIES	• 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 • Small Business • Internal Trade • International Business • Project Work

ECONOMICS	PART A Statistics for Economics 1. Introduction 2. Collection, Organization and Presentation Of Data 3. Statistical Tools and Interpretation – Arithmetic Mean, Median And Mode Part B Introductory Microeconomics 1. Introduction 2. Consumer's Equilibrium And Demand	PART A Statistics for Economics 1. Statistical Tools and Interpretation –Correlation, Index Number PART B Introductory Microeconomics 3. Producer's Behaviour and Supply 4. Forms Of Market and Price Determination Under Perfect Competition with Simple Applications PART C Project Work : 20 Marks Learners will complete only ONE project
SOCIOLOGY	Book -1 Introducing Sociology Chap-1 Sociology and Society Chap-2 Terms, Concepts and their Use in Sociology Chap-3 Understanding Social Institutions Chap-4 Culture and Socialization	Book-2 Understanding Society Chap-2 Social Change and Social Order in Rural and Urban Society Chap-4 Introducing Western Sociologists Chap-5 Indian Sociologists
POLITICAL SCIENCE	BRIDGE COURSE: 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.	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	BRIDGE COURSE: ● 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	● Section D: Paths to Modernization ● Introduction ● Displacing Indigenous People ● Paths to Modernization

	• Introduction • The Three Orders • Changing Cultural Traditions	
GEOGRAPHY	BRIDGE COURSE: Book 1 • 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 Book 2 • India- Location • Structure and Physiography • Drainage System • Practical work • Introduction to Maps • Map Scale • Latitude, Longitude and Time	Book 1 • 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 Book 2 • Natural Vegetation • Natural Hazards and Disasters • Climate Practical work Map Projections Topographical Maps Introduction to Remote Sensing
COMPUTER SCIENCE	BRIDGE COURSE: a) Computer Systems and Organisation • Basic Computer Organisation, Types of software, Operating system. • Boolean logic, Number system, Encoding schemes, Emerging trends • Flow Charts b) Computational Thinking and Programming • Introduction to problem solving, Familiarization with the basics of Python c) Computational Thinking and Programming Expressions, statement, type conversion & input /output, Errors: syntax errors, logical errors, runtime errors, Flow of control,	a) Computational Thinking and Programming • Strings, Lists, Tuples, Dictionary, Sorting techniques, b) Society, Law and Ethics - • 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

	Conditional statements, Iterative statements	
INFORMATION TECHNOLOGY	BRIDGE COURSE: Employability skills Unit 1 :communication skills-iii 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	Employability skills Unit 4: entrepreneur skills-iii Unit 5: green skills-iii Subjected specific skills 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) • 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

		<i>the movie Inside out 2, linked with Chapter 7,8 and 9</i>
PHYSICAL EDUCATION	BRIDGE COURSE: Ch.1 Changing Trends and career in Physical Education Ch.2 Olympic Value Education Ch.3 Yoga Ch.4 Physical Education and sports for CWSN(Children With Special Needs-Divyang Ch.5 Physical Fitness, Health and Wellness	Ch.6 Test, Measurement and Evaluation Ch.7 Fundamentals of Anatomy and Physiology in sports. Ch. 8 Fundamentals of kinesiology and Biomechanics in Sports Ch. 9 Psychology and Sports Ch.10 Training and Doping in Sports.

CLASS-XII		
SUBJECTS		
ENGLISH	BRIDGE COURSE: 1. Use of capital letters and apostrophes 2. Literary Devices FLAMINGO: PROSE: 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 POETRY: 1. My Mother at Sixty-Six 2. Keeping Quiet 3. A Thing of Beauty 4. A Roadside Stand 5. Aunt Jennifer's Tigers	VISTAS: 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 • The Cutting of My Long Hair • We Too are Human Beings CREATIVE WRITING: A. 1. Notice 2. Invitation and Replies B. LETTER-WRITING: Letters to the Editor Job Application C. LONG WRITING SKILL Report Writing Article Writing INTERNAL ASSESSMENT (20 Marks) Assessment of speaking and listening (5+5) Project (10)
PHYSICS	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	9. Ray Optics and Optical Instruments 10. Wave optics 11. Dual Nature of Radiation and Matter 12. Atoms 13. Nuclei

	8. Electromagnetic Waves	14. Semiconductor Electronics: Materials, Devices and Simple Circuits
CHEMISTRY	1. Solutions 2. Electrochemistry 3. Chemical Kinetics 4. D & F block elements 5. Coordination Compounds 6. Haloalkanes and Haloarenes	7. Alcohols, Phenols and ethers 8. Aldehydes, Ketones and carboxylic acids 9. Amines 10. Biomolecules
MATHEMATICS	1. Relations and Functions 2. Inverse Trigonometric Functions 3. Matrices 4. Determinants 5. Continuity and Differentiability 6. Application of Derivatives 7. Integrals	8. Application of Integrals 9. Differential Equations 10. Vector Algebra 11. Three-Dimensional Geometry 12. Linear Programming 13. Probability
BIOLOGY	Chapter 1 Sexual Reproduction in Flowering Plants Chapter 2 Human Reproduction Chapter 3 Reproductive Health Chapter 4 Principles of Inheritance and Variation Chapter 5 Molecular Basis of Inheritance Chapter 6 Evolution Chapter 7 Human Health and Diseases	Chapter 8. Microbes in Human Welfare Chapter 9. Biotechnology Principles and Processes Chapter 10. Biotechnology and Its Application Chapter 11. Organisms and Populations Chapter 12. Ecosystem Chapter 13. Biodiversity and Conservation
ACCOUNTANCY	1. Reversing 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	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	1. Sources of Business Finance (XI) 2. Nature and Significance of Management 3. Principles of Management 4. Business Environment 5. Planning	7. Staffing 8. Directing 9. Controlling 10. Marketing Management 11. Financial Management 12. Financial Markets 13. Consumer Protection

	6. Organising	
ECONOMICS	Part A: Introductory Macroeconomics • Money and Banking • Government Budget and the Economy • Balance of Payments • National Income and Related Aggregates Part B: Indian Economic Development • Development Experience (1947-90) and Economic Reforms since 1991: - o Indian Economy on the eve of Independence - o Indian Economy (1950-90) - o Liberalisation, Privatisation and Globalisation : An Appraisal • Current challenges facing Indian Economy - o Human Capital Formation	Part A: Introductory Macroeconomics • Determination of Income and Employment Part B: Indian Economic Development • Current challenges facing Indian Economy - o Rural development - o Employment - o Sustainable Economic Development • Development Experience of India – A Comparison with Neighbors- - o Comparative Development Experience of India and its Neighbors One Project (20 marks) (learners will complete only ONE project)
SOCIOLOGY	<u>Book -1</u> <u>Indian Society</u> Chap-2 The Demographic Structure of the Indian Society Chap-3 Social Institutions – Continuity and Change Chap-5 Patterns of Social Inequality and Exclusion Chap-6 The Challenges of Cultural Diversity	<u>Book-2</u> <u>Social Change and Development in Indian Society</u> Chap- 1 Structural Change Chap-2 Cultural change Chap-4 Change and Development in Rural Society Chap-5 Change and Development in Industrial Society Chap-8 Social Movements
POLITICAL SCIENCE	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	8. United nations and its organizations 9. Security in contemporary world 10. Environment and natural resources 11. Globalization 12. Regional aspirations

	7. Democratic resurgence	Indian Politics: trends and developments
HISTORY	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 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	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
GEOGRAPHY	Book I- Fundamentals Of Human Geography • Human Geography • The World Population Distribution, Density And Growth • Human Development • Primary Activities • Secondary Activities • Tertiary And Quaternary Activities • International Trade • Transport And Communication Practical Work In Geography • Data- Its Source And Compilation • Data Processing • Graphical Representation Of Data • Spatial Information Technology	Book II India People And Economy • 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	Unit I: Computational Thinking and Programming – 2 • Revision of Python topics covered in Class XI. Unit II: Computer Networks • Evolution of networking • Data communication terminologies • Transmission media and Network devices • Network protocols, topologies and types • Introduction to web services Unit III: Database Management	Functions • 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 Interface of python with an SQL database

	• Database concepts and Relational data model • Structured Query Language	
INFORMATION TECHNOLOGY	Employability Skills Unit 1 :Communication Skills-IV Unit 2: Self-Management Skills-IV Unit 3: ICT Skills-IV Subjected Specific Skills Unit 2: Operating Web based Applications. Unit 1: RDBMS	Employability Skills Unit 4: Entrepreneur Skills-IV Unit 5: Green Skills-IV Subjected Specific Skills Unit 3: Java Fundamentals Unit 4:Work Integrated Learning IT
ARTIFICIAL INTELLIGENCE	Employability Skills Unit 1 :Communication Skills-IV Unit 2: Self-Management Skills-IV Unit 3: ICT Skills-IV 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*	Employability Skills Unit 4: Entrepreneur Skills-IV Unit 5: Green Skills-IV Unit 5: Introduction to Big Data and Data Analytics Unit 6: Understanding Neural Networks Unit 7: Generative AI Unit 8: Data Storytelling
PSYCHOLOGY	Chapter 1 Variation in Psychological Attribute: Chapter 2 Self and Personality Chapter 3 Meeting Life Challenges Chapter 4 Psychological disorders	Chapter 5 Therapeutic Approaches Chapter 6 Attitude and Social Cognition Chapter 7 Social Influence and Group Processes Practical -MIS,SCAT,MIP,SCQ and AISS Case File- Study of a subject and their mental disorder such as depression,anxiety, PTSD etc
PHYSICAL EDUCATION	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	6. Test and Measurement in Sports 7. Physiology and Injuries in Sports 8. Biomechanics and Sports 9. Psychology and Sports 10. Training in Sports