

SYLLABUS CLASS X

Session 2020-2021

SUBJECT- MATHEMATICS

Books: NCERT Recommended Book

Month	Chapter	Content
APRIL	1. Real Numbers	Introduction, Euclid's Division Lemma, The Fundamental Theorem of Arithmetic, Revisiting Irrational Numbers, Revisiting Rational Numbers and Their Decimal Expansions.
	2. Polynomials	Introduction, Geometrical Meaning of the Zeroes of a Polynomial, Relationship between Zeroes and Coefficients of a Polynomial, Division Algorithm for Polynomials.
	4. Quadratic Equation	Introduction, Quadratic Equations, Solution of a Quadratic Equation by Factorisation, Solution of a Quadratic Equation by Completing the Square, Nature of Roots.
	3. Pair of Linear Equation in Two Variables	Introduction, Pair of Linear Equations in Two Variables, Graphical Method of Solution of a Pair of Linear Equations, Algebraic Methods of Solving a Pair of Linear Equations, Substitution Method, Elimination Method, Cross-multiplication Method, Equations Reducible to a Pair of Linear Equations in Two Variables.

SUBJECT- BENGALI

- Books: 1. সাহিত্য সঞ্চয়ন
2. রাজকাহিনী
3. প্রবেশিকা ব্যাকরণ

Month	Content	Chapters
April	1. সাহিত্য সঞ্চয়ন 2. ব্যাকরণ 3. নির্মিতি	গদ্য : জ্ঞানচক্ষু ব্যঞ্জন সন্ধি অনুচ্ছেদ রচনা
	1. সাহিত্য সঞ্চয়ন 2. ব্যাকরণ 3. রাজকাহিনী 4. নির্মিতি	পদ্য : তিন পাহাড়ের কোলে বিসর্গ সন্ধি শিলাদিত্য অনুচ্ছেদ রচনা

SUBJECT - ENGLISH

Books: NCERT Recommended Book

Month	Content	Chapters
April	First Flight	Prose: A Letter to God, Nelson Mandela Poetry: Dust of Snow, Fire and Ice
	Footprints Without Feet	A Triumph of Surgery
	Writing Grammar	Formal Letter (Placing Orders, Complaint) Tenses, Modals, Determiners
	First Flight	Prose: Two Stories about Flying (I and II) Poetry: A Tiger in the Zoo How to Tell Wild Animals
	Footprints Without Feet	The Thief's Story The Midnight Visitor
	Writing Grammar	Formal Letter (Letter to the Editor, Enquiry) Reporting (Commands and requests, statements and questions)

SUBJECT- INFORMATION TECHNOLOGY

Books: NCERT Recommended Book

MONTH	SECTIONS	DETAILS/ NAME OF CHAPTERS
APRIL	Chapter 1: Employability Skills	<u>Unit 1: Communication Skills-II</u> Concept of Communication, Communication for Job Applicants <u>Unit 2: Self-Management Skills- II</u> Self-Management, Importance of Self-Management Skills for Students Personal Hygiene Awareness, Personal Grooming, Self-analysis Time Management, Positive Thinking <u>Unit 3: Information and Communication Technology Skills-II</u> Benefits of ICT, ICT Tools, Computer and Its Components Computer Software, System Unit, Setting Up a PC, What Can You Do with Computers? <u>Unit 4: Entrepreneurial Skills-II</u> Role of Entrepreneurship, Attributes of Successful Entrepreneurs, Competencies for Entrepreneurship <u>Unit 5: Green Skills-II</u> Green Economy, Green Jobs, Resources, Non-conventional Sources of Energy, Conserving Resources, Sustainable Development Greenhouse Gases, Entrepreneurship Development Process
	Chapter 2: Web Applications (Basics)	Session1: Networking Fundamentals Session 2: Working with accessibility Options, Session 3: Introduction to Instant Messaging Session 4: Using Google Hangouts

SUBJECT-SOCIAL SCIENCE

Books: NCERT Recommended Book

Month	Content
APRIL	HISTORY -Rise of Nationalism in Europe (Contd.) CIVICS -Power Sharing GEOGRAPHY -Resources and Development ECONOMICS -Development
	HISTORY -Nationalism in Europe (Completed) CIVICS - Federalism GEOGRAPHY - Forest and Wildlife (to be completed) ECONOMICS -Development (to be completed)

SUBJECT-SCIENCE

Books: NCERT Recommended Book

Month	Content	Chapter
APRIL	CHEMICAL REACTIONS AND EQUATIONS	CHAPTER -1
	LIFE PROCESSES	CHAPTER -6
	ELECTRICITY	CHAPTER-12

SUBJECT- ARTIFICIAL INTELLIGENCE

Books: NCERT Recommended Book

MONTH	DETAILS/ NAME OF CHAPTERS
APRIL	Revision of Class IX Introduction to tuple in python

SUBJECT-SANSKRIT

Books: NCERT Recommended Book

Month	Content
April	एकः गद्यात्मकः खण्डः, पत्र-लेखनम्, चित्रवर्णनम्/अनुच्छेदलेखनम्, अनुवादः(संस्कृतभाषायाम्) *व्यञ्जनसन्धिः- तुगागमः, मोऽनुस्वारः, वर्गीयप्रथमक्षराणां तृतीयवर्णे परिवर्तनम्, प्रथमवर्णस्य पञ्चमवर्णे परिवर्तनम् * विसर्गसन्धिः- विसर्गस्य उत्वं, रत्वम्, विसर्गलोपः, विसर्गस्य स्थाने स्, श्, ष् * शेमुषी- प्रथमः पाठः- शुचिपर्यावरणम्

SUBJECT-HINDI

Books: क्षितिज-II एवं कृतिका-II (NCERT)

प्रथम सत्र PRE-MID TERM PORTION		
MONTH	CHAPTER	
	व्याकरण+ लेखन	क्षितिज + कृतिका
APRIL	1.वाक्य (रचना के आधार पर) 2.वाच्य लेखन –निबंध पत्र - अनौपचारिक	1.पद (सूरदास) 2.राम-लक्ष्मण-परशुराम संवाद 10.नेताजी का चश्मा