

SYLLABUS BOOK FOR SESSION 2023-2024

CLASS: 12th

SUBJECT: ENGLISH

SUBJECT TEACHER: MANJEET

BOOK: FLAMINGO & VISTAS			
MONTH	TOPICS	TEACHING AIDS	ACTIVITIES
APRIL	FLAMINGO: L-1 THE LAST LESSON VISTAS: L-1 THE THIRD LEVEL POEM 1: MY MOTHER AT SIXTY SIX	BOOK, GREEN BOARD, CHALK, DUSTER, LESSON – PLAN, PICTURE, VIDEOS, CARDS, CHARTS	1. GROUP DISCUSSION 2. IDENTIFICATION OF LITERARY DEVICES 3. RHYME SCHEME
MAY	FLAMINGO: L-2 LAST SPRING VISTAS: L-2 THE TIGER KING POEM 3: KEEPING QUIET INFORMAL INVITATION FORMATIVE ASSESSMENT -1	BOOK, GREEN BOARD, CHALK, DUSTER, LESSON – PLAN, PICTURE, VIDEOS, CARDS, CHARTS	1. IDENTIFICATION OF WRITERS 2. PROJECT WORK
JUNE	SUMMER VACATION REVISION APRIL & MAY SYLLABUS		
JULY	FLAMINGO: L-3 DEEP WATER VISTAS: L-3 JOURNEY TO THE END OF THE EARTH POEM 4: KEEPING QUIET FORMAL INVITATION	BOOK, GREEN BOARD, CHALK, DUSTER, LESSON – PLAN, PICTURE, VIDEOS, CARDS, CHARTS	1. PORT FOLIO 2. SPEAKING
AUGUST	FLAMINGO: L-4 THE RATHRAP VISTAS: L-4 THE ENEMY NOTICES + ASL FORMATIVE ASSESSMENT -2	BOOK, GREEN BOARD, CHALK, DUSTER, LESSON – PLAN, PICTURE, VIDEOS, CARDS, CHARTS	1. WORDS PRONUNCIATION 2. DICTATION
SEPTEMBER	REVISION	BOOK, GREEN BOARD, CHALK, DUSTER, LESSON – PLAN, PICTURE, VIDEOS, CARDS, CHARTS	1. ASL 2. PROJECT WORK

	SUMMERATIVE TEST-1		
OCTOBER	FLAMINGO: L-5 INDIGO VISTAS: L-5 ON THE FACE OF IT POEM 5: A ROAD SIDE STAND LETTER WRITING	BOOK, GREEN BOARD, CHALK, DUSTER, LESSON – PLAN, PICTURE, VIDEOS, CARDS, CHARTS	1. IDENTIFICATION OF POETS. 2. SPEECH DECLAMATION
NOVEMBER	FLAMINGO: L-6 IPOETS AND PANCAKES THE INTERVIEW VISTAS: L-6 MEMORIES OF CHILDHOOD ARTICLE WRITING FORMATIVE ASSESSMENT - 3	BOOK, GREEN BOARD, CHALK, DUSTER, LESSON – PLAN, PICTURE, VIDEOS, CARDS, CHARTS	1. THEME/ TOPIC/ ESSAY WRITING
DECEMBER	FLAMINGO: L-7 GOING PLAUS POEM : 5AUNT JENNIFER’S REPORT WRITING	BOOK, GREEN BOARD, CHALK, DUSTER, LESSON – PLAN, PICTURE, VIDEOS, CARDS, CHARTS	1. PLAY ACT
JANUARY	REVISION FORMATIVE ASSESSMENT - 4	BOOK, GREEN BOARD, CHALK, DUSTER, LESSON – PLAN, PICTURE, VIDEOS, CARDS, CHARTS	1. ASL
FEBRUARY	REVISION		
MARCH	FINAL EXAM		

SYLLABUS BOOK FOR SESSION 2023-2024

CLASS: 12th

SUBJECT: BIOLOGY

SUBJECT TEACHER: NEERAJ KUMAR

BOOK: NCERT		
MONTH	TOPICS	TEACHING AIDS
APRIL	CH-2 Sexual Reproduction in Flowering Plants	Charts, Green Board, Duster, Chalk
MAY	CH-3 Human Reproduction FORMATIVE ASSESSMENT -1	Models, Charts, Green Board, Duster, Chalk
JUNE	SUMMER VACATION REVISION APRIL & MAY SYLLABUS	
JULY	CH-4 Human Reproduction	Models, Charts, Green Board, Duster, Chalk
AUGUST	Unit-7 Genetics and Evolution CH-5 Principle of inheritance and variation FORMATIVE ASSESSMENT -2	Models, Charts, Green Board, Duster, Chalk
SEPTEMBER	CH-6 Molecular Basis of inheritance CH-10 Evolution SUMMERATIVE TEST-1	Models, Charts, Green Board, Duster, Chalk
OCTOBER	CH-8 Human Health and Diseases CH-10 Microbes in Human Welfare	Models, Charts, Green Board, Duster, Chalk
NOVEMBER	CH-11 Biotechnology CH-12 Biotechnology and its Applications FORMATIVE ASSESSMENT - 3	Models, Charts, Green Board, Duster, Chalk

DECEMBER	CH-13 Organism and Populations CH-14 Ecosystems	Models, Charts, Green Board, Duster, Chalk
JANUARY	CH-15 Biodiversity and its Conservation	Models, Charts, Green Board, Duster, Chalk
	FORMATIVE ASSESSMENT - 4	

FEBRUARY	REVISION
MARCH	FINAL EXAM

SYLLABUS BOOK FOR SESSION 2023-2024

CLASS: 12th

SUBJECT: CHEMISTRY

SUBJECT TEACHER: ANUPMA

BOOK: NCERT			
MONTH	DETAILS OF THE CHAPTER TO BE COVERED	PRACTICALS	TEACHING AIDS
APRIL	CHAPTER – 1 SOLUTIONS	VOLUMETRIC TITRATIONS BY USING MOHR SALT AND OXALIC ACID	CHALK, BOARD AND DUSTER
MAY	CHAPTER- 2 ELECTROCHEMISTRY REVISION PERIODIC TEST -1	SALT ANALYSIS	CHALK, BOARD AND DUSTER
JUNE	SUMMER VACATION REVISION APRIL & MAY SYLLABUS		
JULY	CHAPTER- 3 CHEMICAL KINETICS CHAPTER- 4 SURFACE CHEMISTRY	CONTENT BASED PRACTICAL	CHALK, BOARD AND DUSTER
AUGUST	CHAPTER- 5 D AND F BLOCK ELEMENTS REVISION PERIODIC TEST -2	PREPARATION OF VARIOUS SOL. (SURFACE CHEMISTRY)	CHALK, BOARD, DUSTER AND PERIODIC TABLE
SEPTEMBER	CHAPTER- 6 COORDINATION COMPOUNDS REVISION SUMMATIVE TEST-1	TEST FOR THE FUNCTIONAL GROUPS	CHALK, BOARD AND DUSTER
OCTOBER	CHAPTER- 7 HALOALKANES AND HALOARENES CHAPTER- 8 AMINES	PREPARATION OF INORGANIC COMPOUNDS	CHALK, BOARD AND DUSTER
NOVEMBER	CHAPTER- 9	CHROMATOGRAPHY	CHALK, BOARD AND DUSTER
	ALCOHALS, PHENOLS AND ETHERS CHAPTER- 10 BIOMOLECULES PERIODIC TEST – 3		
DECEMBER	REVISION AND MAKE INVESTIGATORY PROJECT		
JANUARY	REVISION & PERIODIC TEST – 4		
FEBRUARY	REVISION AND PRACTICAL EXAMINATION		
MARCH	FINAL EXAMINATION		

SYLLABUS FOR SESSION 2023-2024

CLASS: 12th

SUBJECT: Geography

SUBJECT TEACHER: Sonu khapra

BOOK: NCERT PUBLICATION			
MONTH	DETAILS OF THE CHAPTER TO BE COVERED	PRACTICALS	TEACHING AIDS
April	CHAPTER- 1 Population :- distribution, density,growth, composition Ch:-4 Human settlement Ch:- Transport and communication	Unit 1- Processing of data	CHALK, BOARD AND DUSTER
May	Ch:- 11 International trade Ch 12 geographical perspective on selected issues and problems Ch :-1 Human geography	Unit 1:- processing of data	
JUNE	SUMMER VACATION REVISION OF MAY SYLLABUS		
JULY	Ch 2 The world population :distribution density,and growth Ch :-3 population composition Ch 4 Human Development Ch :-5 Primary activities	Unit 1 :- Processing of data and Thematic maps	CHALK, BOARD, DUSTER AND Maps
AUGUST	Ch 6 Secondary activities Ch 7 Tertiary and quaternary activities Revision PERIODIC TEST- 2	Tabulating and processing of data	CHALK, BOARD AND DUSTER Maps
SEPTEMBER	CH:-8 Transport and communication Revision SUMMATIVE ASSESSMENT- 1	Representation of data	CHALK, BOARD AND DUSTER Maps
OCTOBER	Ch :-9 International Trade Ch :-5 Land resources and agriculture Ch:-6 Water resources Ch :- 7 Mineral and energy resources	Construction of diagrams	CHALK, BOARD AND DUSTER Maps

NOVEMBER	Ch 8 Manufacturing industries Revision PERIODIC TEST - 3	Maps construction and field visit	CHALK, BOARD AND DUSTER Maps
DECEMBER	REVISION		
JANUARY	REVISION & PERIODIC TEST – 4		
FEBRUARY	REVISION AND PRACTICAL EXAMINATION		
MARCH	FINAL EXAMINATION		

SYLLABUS FOR SESSION 2023-2024

CLASS: 12th

SUBJECT: COMPUTER

SUBJECT TEACHER: MANITA

BOOK: COMPUTER SCIENCE BY SUMITA ARORA			
MONTH	TOPICS	TEACHING AIDS	ACTIVITIES
APRIL	CH-1 REVISION TOUR -1	GREEN BOARD, TEXT BOOK, CHALK, NOTEBOOK, PYTHON	1. BASIC PYTHON PROGRAMS
MAY	CH -2 REVISION TOUR -2 CH-3 WORKING WITH FUNCTIONS FORMATIVE ASSESSMENT-1	KEYBOARD, MOUSE, MONIOR, CPU, TEXTBOOK, GREENBOARD, CD, PYTHON	1. PROGRAMS OF LIST,TUPLE AND DICTIONARIES 1. FUNCTIONS PROGRAMS
JUNE	SUMMER VACATION REVISION APRIL & MAY SYLLABUS		
JULY	CH-4 USING PYTHON LIBRARIES FORMATIVE ASSESSMENT -2	,PYTHON, COMPUTER SYSTEM, TEXTBOOK, GREENBOARD,NOTEBOOK	1. USES OF DIFFERENT MODULES AND FUNCTIONS
AUGUST	CH -5 FILE HANDLING	COMPUTER SYSTEM, TEXTBOOK, GREENBOARD,NOTEBOOK, PYTHON	1. PROGRAMS OF TEXT FILE, BINARY FILE AND CSV FILE
SEPTEMBER	CH -8 & 9 DATA STRUCTURES-1 AND 2 SUMMATIVE ASSESSMENT -1	MS OFFICE, COMPUTER SYSTEM, TEXTBOOK, GREENBOARD,NOTEBOOK, PYTHON	1. CONCEPTS OF DATA STRUCTURES 1. CONCEPT OF STACK AND ITS OPERATIONS
OCTOBER	CH -10 & 11 COMPUTER NETWORKS CH – 12 MYSQL INTRODUCTION	MS OFFICE, COMPUTER SYSTEM, TEXTBOOK, GREENBOARD,NOTEBOOK , SQL	1. PRESENTATION ON TOPOLOGIES AND TYPES OF NETWORK 1. BASIC CONCEPTS OF SQL
NOVEMBER	CH -13 & 14 SQL COMMANDS CH- 15 & 16 INTERFACE PYTHON WITH SQL FORMATIVE ASSESSMENT - 3	MS OFFICE, COMPUTER SYSTEM, TEXTBOOK, GREENBOARD,NOTEBOOK, INTERNET, PYTHON, SQL	1. INTERNET SUFFERING 1. BASIC OPERATIONS OF PUBLISHER

DECEMBER	REVISION
JANUARY	REVISION & FORMATIVE ASSESSMENT - 4
FEBRUARY	REVISION
MARCH	FINAL EXAM(SUMMERATIVE ASSESSMENT -2)

SYLLABUS FOR SESSION 2023-2024

CLASS: 12th

SUBJECT: Hindi

SUBJECT TEACHER: Mrs.Anju

मास	पुस्तक का नाम	विषय वस्तु	शिक्षण गतिविधियां	शिक्षण सहायक सामग्री
अप्रैल	आरोह भाग -2 गद्य खंड एवं काव्य खंड	पाठ- 1 भक्तिन कविता – 1 एक गीत दिन जल्दी- जल्दी ढलता है	नारी के महत्व पर परिचर्चा करना	चौक, डस्टर, बोर्ड, चार्ट
मई	वितान भाग -2 आरोह भाग -2 काव्य खंड	पाठ- 1 सिल्वर वेडिंग कविता- 2 कविता के बहाने FORMATIVE ASSESSMENT-1	आधुनिकता की चकाचौंध में गिरते मानवीय मूल्यों पर परिचर्चा करना ।	चौक, डस्टर, चार्ट, बोर्ड
जून		ग्रीष्मावकाश		
जुलाई	आरोह भाग- 2 गद्य खंड अभिव्यक्ति और माध्यम	पाठ- 2 बाजार दर्शन पाठ- 3 काले मेघा पानी दे पाठ - 1 विभिन्न माध्यमों के लिए लेखन		चौक, डस्टर, चार्ट, बोर्ड
अगस्त	आरोह भाग 2 काव्य खंड अभिव्यक्ति और माध्यम	कविता कैमरे में बंद अपाहिज पाठ -2 पत्रकारिता लेखन के विभिन्न रूप और लेखन प्रक्रिया FORMATIVE ASSESSMENT-2		चौक, डस्टर, चार्ट, बोर्ड
सितंबर		SA- 1		
अक्टूबर	वितान भाग 2 आरोह भाग - 2 काव्य खंड	पाठ- 2 जूझ कविता सहर्ष स्वीकारा है		चार्ट, चौक, डस्टर, बोर्ड
नवंबर		पुनरावृत्ति FORMATIVE ASSESSMENT-3		चौक, डस्टर, चार्ट, बोर्ड

दिसंबर	<p>वितान भाग 2</p> <p>आरोह भाग 2 गद्य खंड एवं काव्य खंड</p> <p>अभिव्यक्ति और माध्यम</p>	<p>पाठ- 3 अतीत में दबे पांव</p> <p>कविता- उषा कविता- कवितावली एवं लक्ष्मण मूर्छा और राम का विलाप</p> <p>पाठ -4 पहलवान की ढोलक</p> <p>कैसे करें कहानी का नाट्य रूपांतरण</p> <p>कैसे बनता है रेडियो नाटक</p>	हड़प्पा और मोहनजोदड़ो की खुदाई में मिले अवशेषों पर एक परियोजना तैयार करें	
जनवरी	<p>वितान भाग 2</p> <p>अभिव्यक्ति और माध्यम</p>	<p>पाठ- चार डायरी के पन्ने</p> <p>नए और अप्रत्याशित विषयों पर लेखन</p> <p>FORMATIVE ASSESSMENT-4</p>		
फरवरी	<p>आरोह भाग 2</p> <p>गद्य खंड एवं काव्य खंड</p> <p>अभिव्यक्ति और माध्यम</p>	<p>पाठ-5 शिरीष के फूल</p> <p>पाठ - 6 श्रम विभाजन और जाति प्रथा</p> <p>मेरी कल्पना का आदर्श समाज</p> <p>कविता रुबाईया कविता - छोटा मेरा खेत , बगुलो के पंख</p> <p>पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया</p> <p>विशेष लेखन स्वरूप और प्रकार</p>		
मार्च		<p>पुनरावृत्ति</p> <p>वार्षिक परीक्षा</p>		

SYLLABUS BOOK FOR SESSION 2023-2024

CLASS: 12th

SUBJECT: HISTORY

SUBJECT TEACHER: GOVIND SHARMA

BOOK: NCERT			
MONTH	TOPICS	TEACHING AIDS	ACTIVITIES
APRIL	CH-1 The story of first cities : Harappan civilization CH-2 Political & Economic History – How Inscriptions tell a story	Book, Green Board, Chalk, Duster, Lesson Plan, Picture Videos	Map Work
MAY	CH-3 Social Histories: Using the Mahabharata CH-4 A History of Buddhism: Sanchi Stupa FORMATIVE ASSESSMENT -1	Book, Green Board, Chalk, Duster, Lesson Plan, Picture Videos	Discussion of passage
JUNE	SUMMER VACATION REVISION APRIL & MAY SYLLABUS		
JULY	CH-5 Medieval Society through travelers accounts CH-6 Religious Histories: The Bhakti sufi Tradition	Book, Green Board, Chalk, Duster, Lesson Plan, Picture Videos	Map Work
AUGUST	CH-7 New Architecture: Hampi CH-9 The Mughal Court: Reconstructing Histories through chronicles FORMATIVE ASSESSMENT -2	Book, Green Board, Chalk, Duster, Lesson Plan, Picture Videos	Map Work + ASL + Project Work
SEPTEMBER	REVISION SUMMERATIVE TEST-1	Book, Green Board, Chalk, Duster, Lesson Plan, Picture Videos	
OCTOBER	CH-10 Colonialism and Rural Society CH-11 Representations of 1857	Book, Green Board, Chalk, Duster, Lesson Plan, Picture Videos	Discussion of sources

NOVEMBER	CH-13 Mahatma Gandhi through contemporary Eyes + REVISION FORMATIVE ASSESSMENT - 3	Book, Green Board, Chalk, Duster, Lesson Plan, Picture Videos	Map Work , Discuss of sources
DECEMBER	CH-15 The Making of the Consitution	Book, Green Board, Chalk, Duster, Lesson Plan, Picture Videos	Map Work , Discuss of Passage
JANUARY	REVISION FORMATIVE ASSESSMENT - 4	Book, Green Board, Chalk, Duster, Lesson Plan, Picture Videos	Map Work + ASL + Project Work
FEBRUARY	REVISION		
MARCH	FINAL EXAM		

SYLLABUS FOR SESSION 2023-24

CLASS:12TH

SUBJECT: MATHS

BOOK: NCERT TEXTBOOK , NCERT EXAMPLER

MONTH	TOPICS	TEACHING AIDS	ACTIVITIES
APRIL	CH 2 INVERSE TRIGONOMETRIC FUNCTION+REVISION CH 3 MATRICES+REVISION	GREEN BOARD, CHALK, DUSTER	LAB MANUAL ACTIVITY
MAY	CH 4 DETERMINANTS+REVISION FORMATIVE ASSESSMENT -1	GREEN BOARD, CHALK, DUSTER	LAB MANUAL ACTIVITY
JUNE	SUMMER VACATION (REVISION OF APRIL AND MAY MONTHS)		

JULY	CH1 RELATIONS AND FUNCTIONS+REVISION CH5 CONTINUITY AND DIFFERENTIABILITY+REVISION CH6 APPLICATION OF DERIVATIVES+REVISION	GREEN BOARD, CHALK, DUSTER	LAB MANUAL ACTIVITY
AUGUST	CH7 INTEGRALS+REVISION	GREEN BOARD, CHALK, DUSTER	VISIT TO LAB

	FORMATIVE ASSESSMENT -2		
SEPTEMBER	CH8 APPLICATION OF INTEGRALS+REVISION SUMMATIVE TEST-1	GREEN BOARD, CHALK, DUSTER	LAB MANUAL ACTIVITY
OCTOBER	CH9 DIFFERENTIAL EQUATIONS+REVISIO N CH10 DIFFERENTIAL EQUATIONS+RE VISION	GREEN BOARD, CHALK, DUSTER	VISIT TO LAB, LAB MANUAL ACTIVITY
NOVEMBER	CH12 LINEAR PROGRAMMING+REVI SION CH13 PROBABILITY+REVISI ON FORMATIVE ASSESSMENT -3	TOOLS OF GEOMETRY BOX	LAB MANUAL ACTIVITY
DECEMBER	CH11 THREE DIMENSIONAL GEOMETRY+REVISION	GREEN BOARD, CHALK, DUSTER	VISIT TO LAB ,LAB MANUAL ACTIVITY
JANUARY	REVISION FORMATIVE ASSESSMENT - 4	GREEN BOARD, CHALK, DUSTER	VISIT TO LAB
FEBRUARY	REVISION	GREEN BOARD, CHALK, DUSTER	VISIT TO LAB
March	Final Exam		

Subject :- PHYSICS		Session - 2022-2023	Class - 12th
Prescribed Book NCERT			
Months	Details of the chapters to be covered	Practical	Teaching aids
April	Unit I: Ch 1 Electric charges and Fields Ch 2 Electrostatic potential and capacitance		Chalk, duster, pointer, charts, capacitors
May	UNIT 2 Ch 3 Current electricity	1. To determine resistivity by plotting a graph between V and I	Chalk, duster, pointer, resistors
		Periodic Test- I	
June Summer Vacation			
July	UNIT 3 Ch 4 Magnetic effects of current: moving charges Ch 5: Magnetism and matter	2. To find resistance of given wire using meter bridge 3. To compare the EMF Of two primary cells using potentiometer	Chalk, duster and pointer, magnets
August	UNIT 4 Ch 6: Electromagnetic induction Ch 7 : Alternating current UNIT 5	4. To determine resistance of a galvanometer by half deflection method Periodic Test- II	Chalk, duster, pointer, Inductors, capacitors and resistors.

	Ch 8: Electromagnetic waves		
September	Revision + First term Examination		
October	UNIT 6 Ch 9: Ray optics and optical instruments Ch 10: Wave optics	5. To find focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$.	Chalk, duster and pointer
November	UNIT 7 Ch 11: Dual nature of radiation and matter UNIT 8 Ch 12: Atoms	6. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and	Chalk, duster and pointer
	Ch 13: Nuclei	angle of deviation	
		Periodic Test- III	
December	UNIT 9 Ch 14: Semiconductor Electronics: Materials, devices and simple circuits	7. To draw I-V characteristics for p-n junction diode in forward and reverse bias. 8. To find focal length of a convex mirror using a convex lens.	Chalk, duster, pointer and diodes , transistors.
January		Periodic Test- IV	
February	Revision		
March	Final Examination		