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THE E5 SCHOOL

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School Code: 41462

ACADEMIC SESSION : 2025-26

GRADE: 10

ANNUAL

PLANNER

MATHEMATICS

TEXT-BOOK : NCERT MATHEMATICS

Months	WEEK	UNITS	ACTIVITY
APRIL	1	1. Real Numbers	To find the HCF of two numbers experimentally.
	2		
	3	2. Polynomials	To draw the graph of a quadratic polynomial.
	4	4. Quadratic Equations	To obtain the solution of a quadratic equation ($x^2 + 4x = 60$) by completing the square geometrically.
MAY	1	3. Pair of Linear Equations in Two Variables	To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method.
	2		
	3	5. Arithmetic Progressions	To identify Arithmetic Progressions in some given lists of numbers (patterns).
	4		
JUNE	SUMMER VACATION		
JULY	1	7. Coordinate Geometry	To verify the distance formula by graphical method.
	2		
	3	8. Introduction to Trigonometry	To verify Pythagoras Theorem.
	4		
AUGUST	1	9. Some Applications of Trigonometry	To obtain formula for area of a circle experimentally.
	2		
	3	11. Areas Related to Circles	
	4	12. Surface Areas and Volumes(Area)	
SEPTEMBER	TERM -1 EXAMINATION		
OCTOBER	1	12. Surface Areas and Volumes(Volume)	To draw a cumulative frequency curve (or an ogive) of less than type.
	2	13. Statistics	
	3		
	4	14. Probability	To determine experimental probability of 1, 2, 3, 4, 5 or 6 by throwing a die 500 times and compare them with their theoretical probabilities.
NOVEMBER	1	6. Triangles	To establish the criteria for similarity of two triangles.
	2		
	3	10. Circles	To verify that the lengths of tangents to a circle from some external point are equal.
	4		
DECEMBER	PRE-BOARDS, CBSE PYQs & SAMPLE PAPER SOLVING & REVISION		
JANUARY			
FEBRUARY			

MARCH

BOARD EXAMINATION

ENGLISH**READER: (FIRST FLIGHT), LITERATURE READER (FOOTPRINTS WITHOUT FEET)**

Months	WEEK	Grammar	Writing Skills	Reader	Literature Reader
APRIL	1			Prose: A Letter to God Poem: Dust of Snow Fire and Ice	
	2	Tenses			Supplementary: A Triumph of Surgery
	3	Tenses	Formal Letter		
	4	Tenses			Supplementary: The Thief's Story
MAY	1			Prose: Nelson Mandela: Long Walk to Freedom Poem: A Tiger in the Zoo	
	2	Modals			Supplementary: The Midnight Visitor
	3	Subject-Verb Agreement			
	4	Determiners			Supplementary: A Question of Trust
JUNE	SUMMER VACATION				
JULY	1			Prose: Black Aeroplane Poem: How to Tell Wild Animals	
	2				Supplementary: Footprints Without Feet
	3	Determiners	Formal Letter		Supplementary: The Making of a Scientist
	4			Prose: From the Diary of Anne Frank Poem: The Ball poem	
AUGUST	1			Prose: Glimpses of India Poem: Amanda!	
	2	Reported Speech			
	3			Prose: Mijbil the Otter Poem: The Trees	
	4			Prose: Madam Rides the Bus Poem: Fog	
SEPTEMBER	TERM -1 EXAMINATION				
OCTOBER	1			Prose: The Sermon at Benares	

	2			Poem : The Tale of Custard the Dragon	
	3			Prose: The Proposal(Play) Poem: For Anne Gregory	
	4		Writing: Formal Letter (Complaint/Enquiry)		
NOVEMBER	1				Supplementary: The Necklace
	2				Supplementary: Bholi
	3		Writing: Analytical Paragraph		Supplementary: The Book that Saved the Earth
	4				

SOCIAL SCIENCE

TEXTBOOK:- **History :** **India and the Contemporary World -II**
 Civics : **Democratic Politics - II**
 Geography : **Contemporary India - II**
 Economics : **Understanding Economic Development**

MONTHS	WEEK	CHAPTERS	ACTIVITY	MAP PRACTICE
APRIL	FIRST	CH.1 POWER SHARING (CIVICS)	POWER SHARING ROLE PLAY GROUP DISCUSSION	TYPES OF SOIL
	SECOND	CH.1 RESOURCES & DEVELOPMENT (GEOGRAPHY)		
	THIRD	CH.1 DEVELOPMENT (ECONOMICS)		
	FOURTH	CH.2 SECTORS OF INDIAN ECONOMY (ECONOMICS)		
MAY	FIRST	CH.1 THE RISE OF NATIONALISM (HISTORY)	QUIZ	MAP OF EUROPE, POLITICAL MAP OF INDIA
	SECOND	CH.1 THE RISE OF NATIONALISM (HISTORY)CONTD.		
	THIRD	CH.2 FOREST AND WILDLIFE (GEOGRAPHY)		
	FOURTH	CH.2 FEDERALISM (CIVICS)		
JUNE	SUMMER VACATION			
JULY	FIRST	CH.2 NATIONALISM IN INDIA (HISTORY)	QUIZ	MAJOR RIVERS AND DAMS MAJOR WHEAT AND RICE PRODUCING STATES
	SECOND	CH.2 NATIONALISM IN INDIA (HISTORY)CONTD.		
	THIRD	CH.3 WATER RESOURCES (GEOGRAPHY)		
	FOURTH	CH.4 AGRICULTURE (GEOGRAPHY)		
AUGUST	FIRST	CH.5 MINERAL AND ENERGY (GEOGRAPHY)	PRESENTATION RESEARCH ON HOW MONEY MECHANISM WORKS IN INDIAN	MAJOR MINERALS AND ENERGY RESOURCES
	SECOND	CH.3 MONEY AND CREDIT (ECONOMICS)		
	THIRD	COMPLETE REVISION OF HISTORY		
	FOURTH	COMPLETE REVISION OF GEOGRAPHY & CIVICS		

			ECONOMY	
SEPTEMBER	TERM -1 EXAMINATION			
OCTOBER	FIRST	CH.4 GLOBALISATION IN INDIAN ECONOMY	DEBATE ON GENDER CASTE AND RELIGION	LOCATE COTTON TEXTILE INDUSTRIES SOFTWARE TECHNOLOGY PARK
	SECOND	(ECONOMICS)		
	THIRD	CH.6 MANUFACTURING INDUSTRIES (GEOGRAPHY)		
	FOURTH	CH.3 GENDER, CASTE AND RELIGION (CIVICS) CH.4 POLITICAL PARTIES (CIVICS)		
NOVEMBER	FIRST	CH.7 LIFELINES OF NATIONAL ECONOMY	GROUP DISCUSSION ON HOW CAN INDIA BECOME A DEVELOPED ECONOMY, DEBATE ON PROS AND CONS OF HAVING DEMOCRATIC GOVERNMENT	MAJOR SEAPORTS AND INTERNATIONAL AIRPORTS
	SECOND	(GEOGRAPHY)		
	THIRD	CH.3 MAKING OF GLOBAL WORLD (HISTORY)		
	FOURTH	CH.4 PRINT CULTURE AND THE MODERN WORLD (HISTORY) CH.5 OUTCOMES OF DEMOCRACY (CIVICS)		
DECEMBER		REVISION	QUIZ OF ENTIRE SYLLABUS	
JANUARY	COMPLETE SYLLABUS REVISION			
FEBRUARY	REVISION			
MARCH	TERM-2 EXAMINATION			

BIOLOGY

TEXT BOOK – NCERT SCIENCE

MONTH	CHAPTER	ACTIVITY
APRIL	CH 5 – Life Processes	Models of human body and different parts of it.
MAY	CH 6- Control and Coordination	Prepare a temporary mount of a leaf peel to show stomata.
JUNE	SUMMER VACATION	
JULY	CH 7- Reproduction	Identification of different parts of an embryo of dicot seed . Study Binary fission in Amoeba and budding in yeast with the help of permanent slides.
AUG	REVISION	
SEPT	TERM - 1 EXAMINATION	
OCT	CH 8 – Heredity & Evolution	To observe the ears of the students in the class.
NOV	CH 9 – Our Environment	
DEC	REVISION	
JAN		
FEB		
	INTERNAL TEST / ASSESSMENT	

MARCH

TERM - II EXAMINATION

PHYSICS**TEXT BOOK – NCERT SCIENCE**

Months	WEEK	Chapters	Experiments
APRIL	FIRST	Light : Reflection and Refraction	
	SECOND		
	THIRD		
	FOURTH		
MAY	FIRST	Human eye and colourful world	
	SECOND		
	THIRD		
	FOURTH		
JUNE	SUMMER VACATION		
JULY	FIRST	Current electricity	Determination of focal length of concave mirror and lens
	SECOND		
	THIRD		
	FOURTH		
AUGUST	FIRST		
	SECOND		
	THIRD		
	FOURTH		
SEPTEMBER	TERM -1 EXAMINATION		
OCTOBER	FIRST	Magnetic effect of current	Trace the path of light passing through rectangular glass slab
	SECOND		
	THIRD		
	FOURTH		
NOVEMBER	REVISION		
DECEMBER			
JANUARY			
FEBRUARY			
MARCH	TERM -2 EXAMINATION		

HEMISTRY

TEXT BOOK – NCERT SCIENCE

Months	WEEK	Chapters	Topic	Activity
APRIL	FIRST	Chemical reaction and equation	Chemical equation	Practical
	SECOND		Types of chemical reactions	
	THIRD		Exercise questions	
	FOURTH			
MAY	FIRST	Corrosion and Rancidity	Chemical Properties	Practical
	SECOND			
	THIRD			
	FOURTH			
JUNE	SUMMER VACATION			
JULY	FIRST	Acid,Base and Salt	What do all acids and all bases have in common	Practical
	SECOND			
	THIRD			
	FOURTH		How strong are acid or base solution Exercise questions Importance PH in every day life	
AUGUST	FIRST	Metals and Non metals	Chemicals from common salt	Practical
	SECOND		Physical properties	
	THIRD		Chemical Properties of metals Reactivity series	
	FOURTH		Occurance of metals	
September	TERM 1 EMAMINATION			
October	FIRST		Ncert Exercise	
	SECOND		Ncert Exercise	
	THIRD			Practical
	FOURTH	Carbon and it's compounds	Bonding in Carbon Compounds	
November	FIRST		Nomenclature	
	SECOND		Chemical Properties	
	THIRD		Some Important Chemical Reactions	
	FOURTH	Carbon and it's compounds		Practical
December	FIRST		Exercise	

	SECOND		Exercise	
	THIRD			Practical
	FOURTH		Revision	
JANUARY	REVISION			
FEBRUARY	Exam			

हिन्दी

पाठ्यपुस्तक -क्षितिज भाग-2

पूरक पाठ्यपुस्तक- कृतिका भाग-2

Months	WEEK	Grammar	Reader
APRIL	1	अपठित गयांश अपठित काव्यांश विज्ञापन	नेता जी का चश्मा, पद , सूरदास
	2		
	3		
	4		
MAY	1	संदेश, ई-मेल ,अनुच्छेद	बालगोबिन भगत, राम लक्ष्मण परशुराम संवाद
	2		
	3		
	4		
JUNE	SUMMER VACATION		
JULY	1	अनौपचारिक पत्र, अलंकार	माता का अंचल, लखनवी अंदाज
	2		
	3		
	4		
AUGUST	1	वाच्य, वाक्य, पद-परिचय	आत्मकथ्य
	2		
	3		
	4		
SEPTEMBER	TERM -1 EXAMINATION		
OCTOBER	1	औपचारिक पत्र	एक कहानी यह भी,
	2		

	3		उत्साह और अट न रही है,
	4		मैं क्यों लिखता हूँ
NOVEMBER	1		यह दंतुरित मुसकान तथा फसल,
	2		संगतकार,
	3		नौबतखाने में इबादत ,संस्कृति
	4		
DECEMBER	1		साना साना हाथ जोड़ि
	2		
	3		
	4		
JANUARY	REVISION		
FEBRUARY			
MARCH	TERM -2 EXAMINATION		

COMPUTER SCIENCE

MONTH	WEEK	TEXTBOOK WORK	LAB WORK
APRIL	1 ST	Unit 1 Networking (Internet terminology-web sites , web pages, web clients, Internet protocols TCP/IP, SMTP, POP, HTTP, HTTPS,)	1. Brief knowledge about protocols
	2 ND		
	3 RD		
	4 TH		
MAY	1 ST	Unit 1 Networking (file transfer protocols SSH, SFTP, FTP,TCP/IP etc, web services like chat, e-reservation, e-governance, e-groups, 3G,4G,5G)	2. Practical on how to use e-services 3. explore search engines
	2 ND		
	3 RD		
	4 TH		
JUNE	SUMMER VACATIONS		
JULY	1 ST	Unit 2 HTML -(Basic terminologies , creating a HTML documents , access a web page using a web browser, HTML tags bg color, link, vlink, br, hr, inserting comments, H1...H6 heading)	4. learn to write HTML code with use of tags like bg, br , H1.....H6
	2 ND		
	3 RD		
	4 TH		
AUGUST	1 ST	Unit 2 HTML -(Font tags attributes: face, size, color, tags like ,<SUB>,<SUP><TABLE>HTML forms like textbox, radio, checkbox,) Revision for Term -1 exam	5. Create a HTLM document using tags like ,<SUB>,<SUP><TABLE> 6. Create a HTML document using HTML forms like textbox, radio, checkbox
	2 ND		
	3 RD		
	4 TH		
SEPTEMBER	TERM -1 EXAMINATION		

OCTOBER	1 ST	Unit 2 HTML-(Create a table using the tags like table, tr, th ,td, rowspan, colspan, cascading style sheets color, margin, height, width, outline, font, align, float)	7. Create a web page using HTML tags like like table, tr, th ,td, rowspan, colspan,
	2 ND		
	3 RD		8. Edit web page using cascading style sheets color, margin, height, width, outline, font, align, float)
	4 TH		
NOVEMBER	1 ST	Unit 3 Cyber ethics-(Netiquettes, software license, intellectual property rights, freedom of information , digital property rights, E-Commerce,	9. Create a web page discussing plagiarism explain nature of the punishment in different countries as per their IP laws
	2 ND		
	3 RD		
	4 TH		
DECEMBER	REVISION		
JANUARY			
FEBRUARY			
MARCH	TERM -2 EXAMINATION		