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THE E5 SCHOOL

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School Code: 41462

ACADEMIC SESSION: 2025-26

GRADE: 8

ANNUAL PLANNER

SCIENCE
SCIENCE TEXTBOOK: LEARNING SCIENCE (CORDOVA); LAB MANUAL

MONTHS	WEEK	CHAPTERS	ACTIVITY	LAB MANUAL
APRIL	FIRST	CH.1 CROP PRODUCTION AND MANAGEMENT CH.1 CROP PRODUCTION AND MANAGEMENT CH.2 MICROORGANISMS: FRIEND & FOE CH.3 SYNTHETIC FIBRES AND PLASTICS	STUDENTS WILL MAKE A REPORT ON DIFFERENT TYPES OF CROPS GROWN AROUND THEM. QUIZ BASED ON THE FIRST THREE CHAPTERS.	EXPERIMENT 1
	SECOND			
	THIRD			EXPERIMENT 2
	FOURTH			
MAY	FIRST	CH.4 MATERIALS: METALS & NON-METALS CH.5 COAL & PETROLEUM CH.6 COMBUSTION & FLAME CH.7 CONSERVATION OF PLANTS & ANIMALS	STUDENTS WILL MAKE A CHART ON DIFFERENT METALS AND NON-METALS FOUND AT THEIR HOMES WITH PICTURES AND DESCRIPTIONS.	EXPERIMENT 3
	SECOND			EXPERIMENT 4
	THIRD			EXPERIMENT 5
	FOURTH			
JUNE				
JULY	FIRST	CH.8 CELL – STRUCTURE & FUNCTIONS CH.9 REPRODUCTION IN ANIMALS REVISION OF CHAPTERS 1 & 2 REVISION OF CHAPTERS 3 & 4	STUDENTS WILL MAKE A PRESENTATION ON THE TOPIC OF THEIR CHOICE FROM THE SYLLABUS. STUDENTS WILL LEARN ABOUT THE USE OF FIRE EXTINGUISHERS.	EXPERIMENT 6
	SECOND			
	THIRD			EXPERIMENT 7
	FOURTH			
AUGUST	FIRST	COMPLETE REVISION OF CH.5, CH.6 & CH.7 COMPLETE REVISION OF CH.8 & CH.9 COMPLETE SYLLABUS REVISION COMPLETE SYLLABUS REVISION	STUDENTS WILL OBSERVE THE CELL STRUCTURE UNDER A MICROSCOPE. QUIZ AMONG THE STUDENTS OF EACH SECTION BASED ON THEIR SCIENCE SYLLABUS.	EXPERIMENT 8
	SECOND			EXPERIMENT 9
	THIRD			
	FOURTH			
SEPTEMBER				
OCTOBER	FIRST	CH.10 REACHING THE AGE OF ADOLESCENCE CH.11 FORCE & PRESSURE CH.12 FRICTION CH.13 SOUND	STUDENTS WILL LEARN ABOUT ATMOSPHERIC PRESSURE IN CLASS BY USING WATER, GLASS & CARDBOARD. QUIZ BASED ON FIRST THREE CHAPTERS.	EXPERIMENT 10
	SECOND			
	THIRD		EXPERIMENT	
	FOURTH			

				11
NOVEMBER	FIRST	CH.14 CHEMICAL EFFECTS OF ELECTRIC CURRENT CH.15 SOME NATURAL PHENOMENA CH.16 LIGHT CH.17 STARS & THE SOLAR SYSTEM	STUDENTS WILL LEARN ABOUT FRICTION BY ROLLING A BALL ON DIFFERENT SURFACES AND NOTING THE DISTANCE TRAVELLED. STUDENTS WILL LEARN TO MAKE A JAL TARANG (MUSICAL INSTRUMENT).	EXPERIMENT 12
	SECOND			EXPERIMENT 13
	THIRD			EXPERIMENT 14
	FOURTH			

MONTHS	WEEKS	CHAPTERS	ACTIVITY	LAB MANUAL
DECEMBER	FIRST	CH.18 POLLUTION OF AIR & WATER REVISION OF CHAPTERS 10 & 11 REVISION OF CHAPTERS 12 & 13 COMPLETE REVISION OF CH.14 & 15	STUDENTS WILL MAKE A REPORT ON THE AQI OF DIFFERENT CITIES OF INDIA. STUDENTS WILL LEARN HOW TO MAKE A PERISCOPE USING CARDBOARD.	EXPERIMENT 15
	SECOND			EXPERIMENT 16 EXPERIMENT 17
	THIRD			
	FOURTH			
JANUARY	FIRST	COMPLETE REVISION OF CH.16 & 17 COMPLETE REVISION OF CH.18 COMPLETE SYLLABUS REVISION COMPLETE SYLLABUS REVISION	QUIZ AMONG THE STUDENTS OF EACH SECTION BASED ON THEIR SYLLABUS. STUDENTS WILL PREPARE PRESENTATION BASED ON THE TOPIC OF THEIR CHOICE FROM THE SYLLABUS.	EXPERIMENT 18
	SECOND			EXPERIMENT 19
	THIRD			
	FOURTH			
FEBRUARY	REVISION			
MARCH	TERM-2 EXAMINATION			

संस्कृत
पाठ्यपुस्तक(रुचिरा),व्याकरणम्(मणिका)

मासाः	सप्ताहः	व्याकरणम्	लेखन कौशलम्	पुस्तक रुचिराः	परियोजना कार्य
अप्रैल	प्रथम	1-50 संख्यावाचक शब्दाः	लट्लकार पत्र लेखनम्	सुभाषितानि	श्लोक वाचन
	द्वितीय				
	तृतीय				
	चतुर्थ				
मई	प्रथम	वर्ण विन्यास	शब्द रूप (अस्मद् व युष्मद्) लृट्लकार	बिलस्य वाणी न कदापि मे श्रुता डिजिभारतम्	संस्कृता विभक्ति
	द्वितीय				
	तृतीय				
	चतुर्थ				
जून	ग्रीष्मकालीन अवकाशः				
जुलाई	प्रथम	उच्चारण स्थानानि	चित्राधारित वर्णनानि	सदैव पुरतःनिधेहि चरणम्	तत्सम तदभवः
	द्वितीय				
	तृतीय				

	चतुर्थ	पर्यायाःविपर्ययाःच		कण्टकेनैव कण्टकम्	
अगस्त	प्रथम	उपपद विभक्ति प्रकरण	शब्द रूप (मातृ,यत)	गृहं शून्यं सुतां विना भारतजनताऽहम्	बेटी बचाओ बेटी पढ़ाओ इति विषये संस्कृतेन पञ्चपङ्क्तयः लिखत।
	द्वितीय				
	तृतीय				
	चतुर्थ				
सितम्बर		समयावबोधनम्			
अक्टूबर	प्रथम	सन्धि	अपठित गद्यांशाः(क)	सप्तभगिन्यः	पारंपरिकज्ञानं कौशलं च चिनुत ये क्षीणतां गच्छन्ति अथवा विलुप्तायाः जोखिमे सन्ति।
	द्वितीय				
	तृतीय				
	चतुर्थ				
नवंबर	प्रथम	उपसर्ग प्रकरण	लङ् लकार		संस्कृतेन स्वपरिवारजनानां जन्मवर्षस्य अभ्यासं कुर्वन्तु।
	द्वितीय				
	तृतीय				
	चतुर्थ				

प्रत्यय प्रकरण						
दिसम्बर	प्रथम	अव्यय प्रकरणम् विशेषण विशेष्यरणम्	अपठित गद्यांशाः(ख)	कःरक्षति कःरक्षितः क्षितौ राजते भारतस्वर्णभूमिः		पर्यायवाचीत्वेऽपि पर्वाः उत्सवाःच कथं भिन्नाः सन्ति।
	द्वितीय					
	य					
	चतुर्थ					
जनवरी		अशुद्धि-संशोधनम्		आर्यभटः प्रहेलिका		पाठे उल्लिखितानां विद्वानानां कृतीनां नामनि संङ्गृह्यताम्।
	द्वितीय					
	तृतीय					
	चतुर्थ					
फरवरी	कार्यदर्शन					
मार्च	अवधि- 2 परीक्षाएं					

SOCIAL SCIENCE (NCERT - CBSE)				
Months	Week	Chapters	Map Practice	Activity
APRIL	Week 1	History: How, When and Where	-	Timeline Making
	Week 2	Civics: The Indian Constitution	-	Class Discussion on Constitution
	Week 3	Geography: Resources - Types of Resources	-	Chart on Resource Types
	Week 4	Geography: Land, Soil, Water, Natural Vegetation and Wildlife Resources (Begin)	-	Case Study
MAY	Week 1	Geography: Land, Soil, Water... (Contd.)	Soil Types in India	Soil Testing Activity
	Week 2	History: From Trade to Territory	British Territories in India	Map Tracing
	Week 3	Civics: Understanding Secularism	-	Debate on Secularism
	Week 4	Geography: Mineral and Power Resources	Major Mineral Areas	Poster Making
JUNE		SUMMER VACATION		
JULY	Week 1	History: Ruling the Countryside	Permanent Settlement Regions	Role Play on Zamindars
	Week 2	Civics: Why do we need a Parliament?	-	Mock Parliament
	Week 3	Geography: Agriculture	Major Crops of India	Crop Chart

	Week 4	History: Tribals, Dikus and the Vision of a Golden Age	Tribal Regions	Tribal Song/Art
AUGUST	Week 1	Civics: Understanding Laws	-	Story on Law Creation
	Week 2	Geography: Industries	Industrial Areas	PPT on Local Industry
	Week 3	History: When People Rebel - 1857	Centres of Revolt	Revolt Skit
	Week 4	Civics: Judiciary	-	Flowchart of Judiciary
SEPTEMBER		TERM -1 EXAMINATION		
OCTOBER	Week 1	History: Civilising the Native, Educating the Nation	British Education Centers	Role Play
	Week 2	Civics: Understanding Our Criminal Justice System	-	Mock Trial
	Week 3	Geography: Human Resources	Population Density Map	Population Graphs
	Week 4	History: Women, Caste and Reform	-	Biography Collage
NOVEMBER	Week 1	Civics: Public Facilities	-	Survey of Local Facilities
	Week 2	History: The Changing World of Visual Arts	-	Art Gallery Walk
	Week 3	Civics: Law and Social Justice	-	Discussion on Labour Laws
	Week 4	History: The Making of the National Movement	Major Events	Freedom Movement Timeline
DECEMBER	Week 1	Civics: Markets	-	Role Play

		Around Us		
	Week 2	History: India After Independence	States Reorganisation	Discussion on Constitution
	Week 3	Revision	-	MCQ Quiz
	Week 4	Revision	-	Worksheet Practice
JANUARY	Week 1-4	Revision	-	Model Test Papers
FEBRUARY	Week 1-4	REVISION	-	Group Quizzes
MARCH	Week 1-4	TERM -2 EXAMINATION	-	-

Maths
MENTION THE BOOK NAME(NCERT)

Months	WEEK	Chapters	Topics	Activity
APRIL	1 st	Ch-1 Rational numbers	Basic definition, property of rational numbers .	1. To apply mathematical operation to the given set of rational no. 2. To model and solve linear equations of type $ax+ b = CX+d$.
	2 nd	Ch-1 Rational numbers	Represent no. on number line and finding rational no. between any two rational no.	
	3 rd	Ch-2 Linear equations in one variable	Basic definition , solving linear equations.	
	4 th	Ch-2 Linear equations in one variable	Application of linear equations.	
MAY	1 st	Ch- 3 Understanding Quadrilaterals.	Polygon, types of polygon , angles sum property of polygon .	3. To verify angle sum property of quadrilaterals 4. To verify probability of getting a head or tail on tossing a coin is $\frac{1}{2}$.
	2 nd	Ch-3 Understanding Quadrilaterals.	Parallelogram, rhombus and it's property.	
	3 rd	Ch-4 Data handling	Organising data , representation of data.	
	4 th	Ch-4 Data handling	Chances and probability.	
JUNE	SUMMER VACATION			
JULY	1 st	Ch-5 Squares and squares roots.	Square and square root of no.	5. To understand the concept of square and square root. 6. To apply the knowledge of cubes in finding volume.
	2 nd	Ch-5 Squares and squares roots.	Properties of square roots	
	3 rd	Ch-6 Cube and cube roots.	Cube and cube roots of a no.	
	4 th	Ch-6 Cube and cube roots	Properties of cube roots.	
AUGUST	1 st	Ch-7 Comparing quantities .	Ratio and percentage and finding discount.	7. To verify the fact that CI is always greater than SI.
	2 nd	Ch-7 Comparing quantities .	Tax and it's type	
	3 rd	Ch-7 Comparing quantities .	Compound interest	

	4 th	Ch-7 Comparing quantities .	simple interest.	
SEPTEMBER	TERM -1 EXAMINATION			
OCTOBER	1 st	Ch- 8 Algebraic expression and identities.	Algebraic expression, operation on polynomial.	8. To verify formulas $(a+b)^2 = a^2+b^2+2ab$.
	2 nd	Ch-8 Algebraic expression and identities.	Algebraic identities.	
	3 rd	Ch-9 Mensuration	Area of trapezium, Quadrilateral .	
	4 th	Ch-9 Mensuration	Surface area of cube , cuboid and cylinder.	
NOVEMBER	1 st	Ch-9 Mensuration	Volume of cube, cuboid , cylinder.	9. To make a right circular cylinder with the help of a rectangular piece of paper. 10. To understand the concept of exponents.
	2 nd	Ch- 10 Exponents and power.	Exponential notation of rational number, reciprocal	
	3 rd	Ch-10Exponents and power. Ch- 11 Direct and inverse proportional	Laws of exponents , standard form.. Direct proportion	
	4 th			

DECEMBER	1 st	Ch-11 Direct and inverse proportional	Inverse proportional.	11. To understand the concept of direct proportion
	2 nd	Ch-12 Factorisation	Factorisation.	
	3 rd	Ch-12 Factorisation	Factorisation.	
	4 th	Ch-13 Introduction to to graph .	Cartesian plane.	
JANUARY	1 st	Ch-13 Introduction to to graph .	Line graph , linear graph .	13. To learn how to plot a line graph theory a practical classroom activity.
	2 nd		Use of graph	
	3 rd	Ch-13 Introduction to to graph .		
	4 th			
FEBRUARY	REVISION			
MARCH	TERM -2 EXAMINATION			

ENGLISH
READER: (It So Happened), LITERATURE READER ; (Honeydew) GRAMMAR :
(New Mastering Grammar)

Months	Week	Grammar	Writing Skills	Reader	Literature Reader	Activity
APRIL	1	Ch - 10 Present Tense		Ch 1- How the Camel got his Hump	Poem -1 The Ant and the Cricket Ch- 1 The Best Christmas Present inbt the World	Translation exercises
	2	Ch-11 Past Tense				
	3					
	4					
MAY	1	Ch- 1 Sentences and Phrase Ch- 2 Nouns	☆ Notice Writing ☆ Message Writing	Ch- 2 Children at Work	Poem - 2 Geography Lesson Ch- 2 The	Notice Writing practice
	2					
	3					
	4	Ch- 4 Adjectives and Degree of Comparison				

					Tsunami	
JUNE	SUMMER VACATION					
JULY	1	Ch-4 Articles and Determiners Ch-26 Synonyms				

	2	Ch-5 Verbs - Infinitives	☆ Letter Writing	Ch- 3 The Selfish Giant	Ch- 3 Glimpses of the Past	Reading
	3					
	4					
			☆ Postcard and E-mail Writing			
AUGUST	1	Ch- 13 Active and Passive Voice	☆ Article Writing	Ch-4 The Treasure Within	Ch- 4 Bipin Choudhry's Lapse Of Memory	Active and Passive Voice practice
	2					
	3	Ch-14 Adverb and Degree of Comparison Ch-23 Punctuation and Capital Letters				
	4	Ch-18 Conjunctions				

SEPTEMBER	TERM -1 EXAMINATION					
OCTOBER	1	Ch- 7 Clauses	☆ Precise Writing	Ch- 5 Princess September	Poem-3The School Boy	
	2					
	3				Ch-5 The Summit Within Poem -4 The Last Bargain	
	4	Ch- 15 Prepositions and Their Correct Use	☆ Newspaper Report Writing	Newspaper Reading		
NOVEMBER	1	Ch-17 Phrasal Verbs Ch-19 Conditionals	☆ Analytical Paragraph	Ch-6 The Fight		Direct and Indirect Speech practice
	2					
	3	Ch-20 Direct and Indirect Speech			Ch- 6 This is Jody's Fawn	
	4	Ch-21 Synthesis	☆ Editing A Text	Ch-7 A Visit To Cambridge		

DECEMBER	1	Ch-22 Similes Ch-26 Antonyms	☆ Picture Composition	Ch- 7 Jalebis	Ch- 8 A Short Monsoon Diary	
	2		☆ Poster And Slogans			
	3					
	4		Ch-8 Ancient Education System of India			
JANUARY	1	Ch- 20 Direct And Indirect Speech Ch-24 Spellings				
	2					
	3					
	4					
FEBRUARY	REVISION					
MARCH	TERM -2 EXAMINATION					

CLASS – 8TH
COMPUTER SCIENCE

MONTH	WEEK	TEXTBOOK WORK	LAB WORK
APRIL	1 ST	Chapter -1(Latest technological development) Chapter – 2 (Computer networking – computer network, needs , components , network terminology)	Basics of Computer software
	2 ND		
	3 RD		
	4 TH		
MAY	1 ST	Chapter-2(Computer network – types of network , topology , wireless network technology, protocol)	Working with Access
	2 ND		
	3 RD		
	4 TH		
JUNE	SUMMER VACATIONS		
JULY	1 ST	Chapter- 3 (Working with Access 2016)	HTML
	2 ND		
	3 RD		
	4 TH		
AUGUST	1 ST	Chapter – 4(More on access) Chapter – 5(More on HTML)	Photoshop
	2 ND		
	3 RD		
	4 TH		
SEPTEMBER	TERM -1 EXAMINATION		
OCTOBER	1 ST	Chapter- 6 (Introduction to Photoshop) Chapter -7(More on Photoshop CC)	Python – Basic
	2 ND		
	3 RD		
	4 TH		
NOVEMBER	1 ST	Chapter – 8 (More on Python) Chapter – 9 (Loops in Python)	Loops in Python
	2 ND		
	3 RD		
	4 TH		
DECEMBER	1 ST	Chapter – 10 (AI)	Uses of AI
	2 ND		

JANUARY	3 RD	Chapter – 10 (Robotics)	AI tasks
	4 TH		
	1 ST		
	2 ND		
	3 RD		
	4 TH		
FEBRUARY	REVISION		
MARCH	TERM -II EXAMINATION		