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CLASS-VII

SYLLABUS

(2026-27)

ST. THOMAS SCHOOL, AGRA
Syllabus (2026-2027)
Grade- VII

UT-1	Half-yearly Exam		UT-2	Annual Exam	
		Project			Project
English Language (Burlington)					
Chapter 1- Nouns : Number and Gender	Chapter 1- Nouns : Number and Gender	1. "My Dream World" (Descriptive Writing Project) Create a mini booklet where you describe your imaginary world. Include: Unique places (floating cities, underwater schools, etc.) Creatures or people living there Rules of that world 👉 Add drawings + use rich vocabulary (adjectives, similes).	Chapter 12- Conditionals and Temporals Chapter 13- wish, had better / would rather, it's time Chapter 14 - Reported Speech Chapter 15- The Passive	Chapter 12- Conditionals and Temporals Chapter 13- wish, had better / would rather, it's time Chapter 14 - Reported Speech Chapter 15- The Passive Chapter 16- Adjectives and Adverbs Comparatives and superlative, so/such,too/enough Chapter 17- Connecting words Chapter 18- Pronouns, Quantifiers, Determiners Chapter 19- Subject - Verb Agreement Chapter 20- Kinds of sentences : Purpose Chapter 21 - Phrases Chapter 22- Clauses	7. Advertisement Creation Design ads for products: Chocolate 🍫 School 📚 Eco-friendly bag 🌱 👉 Include slogans, catchy lines, and visuals.
Chapter 2- Present Simple, Present Continuous, Stative Verbs	Chapter 2- Present Simple, Present Continuous, Stative Verbs				
Chapter 3- Past Simple, Past Continuous, used to ,would, be / get used to	Chapter 3- Past Simple, Past Continuous, used to ,would, be / get used to				
Chapter 4- Present Perfect Simple, Present Perfect Continuous, Past Simple	Chapter 4- Present Perfect Simple, Present Perfect Continuous, Past Simple				
	Chapter 5- Past Perfect Simple, Past Perfect Continuous, Past Simple Chapter 6- Participles				

	<p>Chapter 7- Modals, Semi - modals, Modal Perfect</p> <p>Chapter 8- The Future</p> <p>Chapter 9- Causatives</p> <p>Chapter 10- Relative Pronouns, Relative Clauses</p> <p>Chapter 11- Gerunds and Infinitives</p> <p>Vocabulary - Often confused words, phrasal verbs, Figure of speech</p> <p>Reading</p> <p>Comprehension</p> <p>Composition - Essay writing, formal and informal letter, notice and dialogue writing</p>			<p>Vocabulary – Synonyms, antonyms, Analogies</p> <p>Reading</p> <p>Comprehension</p> <p>Composition - Essay writing, formal and informal letter, poster, Email writing</p>	
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English Literature (English Trail)

<p>Chapter 1-The Perfect Dining Table</p> <p>Chapter 2- Who Stole Bhaiya's Smile?</p> <p>Chapter 3- The Meaning of Education</p>	<p>Chapter 1 - The Perfect Dining Table</p> <p>Chapter 2- Who Stole Bhaiya's Smile?</p> <p>Chapter 3- The Meaning of Education</p> <p>Chapter 4- Freedom in India</p> <p>Chapter 6- Invictus</p> <p>Chapter 7- Bravo Burli</p>	<p>Convert a chapter into a comic strip from your text .</p> <p>Include:</p> <p>6–10 panels</p> <p>Speech bubbles</p> <p>Colorful drawings</p>	<p>Chapter 10- The Road Not Taken</p> <p>Chapter 11- Rikki - Tikki - Tavi</p> <p>Chapter 12- The Tyger</p>	<p>Chapter 10 - The Road Not Taken</p> <p>Chapter 11- Rikki - Tikki - Tavi</p> <p>Chapter 12- The Tyger</p> <p>Chapter 13- The Leader of the Lions</p> <p>Chapter 14 - The Twins</p> <p>Chapter 15- Rain, Rain, Go Away</p>	<p>Pretend you are a journalist and interview any of the character of your text .</p> <p>Include:</p> <p>8–10 questions</p> <p>Creative answers from the character’s perspective</p>
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	<p>Chapter 8- I Remember, I Remember</p> <p>Chapter 9- The Use of Force</p> <p>The Happy Prince (Novel)</p> <p>Chapter-1: The Happy Prince</p> <p>Chapter-2: The Nightingale and the Rose</p> <p>Chapter-3: The Selfish Giant</p>			<p>Chapter 16 - The Open Window</p> <p>Chapter 17 - Our Little Ghost</p> <p>Chapter 18 - The Canterville Ghost</p> <p>The Happy Prince (Novel)</p> <p>Chapter-4: The Devoted Friend</p> <p>Chapter-5: The Remarkable Rocket</p>	
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Hindi Language (Rachna Praseon)

<p>पाठ-1 भाषा विचार हिंदी भाषा और व्याकरण, भाषा के रूप, बोली तथा भाषा, लिपि, साहित्य, व्याकरण, व्याकरण के भाग को</p> <p>पाठ-2 वर्ण विचार, वर्णमाला वर्णों के भेद, स्वर के भेद, स्वरों की मात्राएँ, व्यंजनों के भेद, वर्ण विच्छेद</p> <p>पाठ-3 संधि, संधि के भेद, स्वर संधि, स्वर संधि के</p>	<p>पाठ-1 भाषा विचार हिंदी भाषा और व्याकरण, भाषा के रूप, बोली तथा भाषा, लिपि, साहित्य, व्याकरण, व्याकरण के भाग को</p> <p>पाठ-2 वर्ण विचार, वर्णमाला वर्णों के भेद, स्वर के भेद, स्वरों की मात्राएँ, व्यंजनों के भेद, वर्ण विच्छेद</p> <p>पाठ-3 संधि, संधि के भेद, स्वर संधि, स्वर संधि के</p>	<p>ग्लोबल वार्मिंग से संबंधित चित्र चिपका कर कम से कम 50 शब्दों का अनुच्छेद चित्र के विषय में लिखिए।</p>	<p>पाठ-10 विशेषण, विशेषण के भेद, विशेषण का तुलनात्मक प्रयोग</p> <p>पाठ-11 क्रिया, क्रिया के भेद</p> <p>पाठ-12 काल, काल के भेद, भूतकाल के भेद, वर्तमान काल के भेद, भविष्य काल के भेद</p> <p>शब्द भंडार-पर्यायवाची शब्द, विलोम शब्द,</p>	<p>पाठ-10 विशेषण, विशेषण के भेद, विशेषण का तुलनात्मक प्रयोग</p> <p>पाठ-11 क्रिया, क्रिया के भेद</p> <p>पाठ-12 काल, काल के भेद, भूतकाल के भेद, वर्तमान काल के भेद, भविष्य काल के भेद</p> <p>पाठ-13 वाच्य, वाच्य के भेद, वाच्य परिवर्तन,</p>	<p>अपने पसंदीदा खेल से संबंधित चित्र चिपका कर उसकी जानकारी से संबंधित कम से कम 10 वाक्य लिखिए।</p>
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<p>भेद, व्यंजन संधि, व्यंजन संधि के नियम विसर्ग संधि</p> <p>पाठ 6 शब्द भंडार, पर्यायवाची शब्द, विलोम शब्द, अनेकार्थी शब्द, वाक्यांशों के लिए एक शब्द, श्रुतिसम भिन्नार्थक, एकार्थक प्रतीत शब्द, मुहावरे, अपठित गद्यांश, औपचारिक पत्र</p>	<p>भेद, व्यंजन संधि, व्यंजन संधि के नियम विसर्ग संधि</p> <p>पाठ-4 शब्द विचार, शब्द भेद उत्पत्ति के आधार पर शब्द के भेद, रचना या बनावट के आधार पर शब्दभेद, प्रयोग के आधार पर शब्द भेद, अर्थ के आधार पर शब्द भेद</p> <p>पाठ-5 शब्द रचना उपसर्ग प्रत्यय और समास, उपसर्ग व प्रत्यय, उपसर्ग के भेद, प्रत्यय, प्रत्यय के भेद, समास, समास के भेद</p> <p>पाठ-7 संज्ञा, भाववाचक संज्ञा की रचना, अव्यय से भाववाचक संज्ञा बनाना</p> <p>पाठ-8 संज्ञा के विकारी तत्व :लिंग, वचन व कारक, वचन के भेद, कारक कारक के भेद</p> <p>पाठ-9 सर्वनाम, सर्वनाम के भेद</p>		<p>अनेकार्थी शब्द, वाक्यांशों के लिए एक शब्द, श्रुतिसम भिन्नार्थक शब्द, एकार्थक प्रतीत शब्द, लोकोक्तियां, अनौपचारिक पत्र, अपठित गद्यांश</p>	<p>पाठ-14 अविकारी शब्द, क्रिया विशेषण, क्रिया विशेषण के भेद संबंध बोधक, संबंध बोधक अव्यय के भेद, समुच्चयबोधक, समुच्चयबोधक के भेद, विस्मयादिबोधक, विस्मयादिबोधक के भेद, निपात</p> <p>पाठ-15 वाक्य विचार, वाक्य के अंग, वाक्य के भेद, वाक्य परिवर्तन</p> <p>पाठ-16 वाक्य शोधन</p> <p>पाठ-17 विराम चिन्ह शब्द भंडार-पर्यायवाची शब्द, विलोम शब्द, अनेकार्थी शब्द, वाक्यांशों के लिए एक शब्द, श्रुतिसम भिन्नार्थक शब्द, एकार्थक प्रतीत शब्द, लोकोक्तियां, अनौपचारिक पत्र, अपठित गद्यांश, अपठित काव्यांश, संवाद लेखन, निबंध लेखन</p>	
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	पाठ-6 शब्द भंडार, पर्यायवाची शब्द, विलोम शब्द, अनेकार्थी शब्द, वाक्यांशों के लिए एक शब्द ,श्रुतिसम भिन्नार्थक, एकार्थक प्रतीत शब्द, मुहावरे,अपठित गद्यांश, औपचारिक पत्र, अपठित काव्यांश, अनुच्छेद लेखन, कहानी लेखन				
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Hindi Literature (Malhar-Hindi Bhasha)

पाठ 1. माँ, कह एक कहानी (कविता) पाठ 2 तीन बुद्धिमान	पाठ 1 मां कह एक कहानी पाठ 2 तीन बुद्धिमान पाठ 3 फूल और काँटा पाठ 4 पानी रे पानी पाठ 6 गिरधर कविराय की कुंडलियां	हिंदी साहित्य के किन्हीं पांच लेखकों का परिचय, चित्र सहित चिपका कर लिखिए। (A4 sheet)	पाठ 5 नहीं होना बीमार पाठ 7 वर्षा बहार	पाठ 5 नहीं होना बीमार पाठ 7 वर्षा बहार पाठ 8 बिरजू महाराज से साक्षात्कार पाठ 9 चिड़िया पाठ 10 मीरा के पद	भारत के विभिन्न राज्यों के शास्त्रीय नृत्य का उल्लेख चित्र सहित कीजिए। (प्रत्येक नृत्य के लिए कम से कम पांच पंक्तियां)
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Mathematics (ICSE Mathematics)

Chapter 1: Integers Introduction to Integers Properties of Addition of Integers	Chapter 1: Integers Introduction to Integers Properties of Addition of Integers	Choose any 10 objects from your surroundings. Identify if it has symmetry. Draw the	Chapter 5: Exponents Introduction to Exponents	Chapter 5: Exponents Introduction to Exponents	Collect data of any 10 students on their favourite subject. Arrange the data in a table. Represent it
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<p>Properties of Subtraction of Integers</p> <p>Properties of Multiplication of Integers</p> <p>Properties of Division of Integers</p> <p>Multiplication and Division on Number Line</p> <p>Word Problems on Integers</p> <p>Applications of Integers in Daily Life</p> <p>Chapter 3: Fractions</p> <p>Introduction to Fractions</p> <p>Types of Fractions (Proper, Improper, Mixed)</p> <p>Equivalent Fractions</p> <p>Simplification of Fractions</p> <p>Addition of Fractions</p> <p>Subtraction of Fractions</p> <p>Multiplication of Fractions</p> <p>Division of Fractions</p> <p>Word Problems on Fractions</p> <p>Real-life Applications of Fractions</p>	<p>Properties of Subtraction of Integers</p> <p>Properties of Multiplication of Integers</p> <p>Properties of Division of Integers</p> <p>Multiplication and Division on Number Line</p> <p>Word Problems on Integers</p> <p>Applications of Integers in Daily Life</p> <p>Chapter 3: Fractions</p> <p>Introduction to Fractions</p> <p>Types of Fractions (Proper, Improper, Mixed)</p> <p>Equivalent Fractions</p> <p>Simplification of Fractions</p> <p>Addition of Fractions</p> <p>Subtraction of Fractions</p> <p>Multiplication of Fractions</p> <p>Division of Fractions</p> <p>Word Problems on Fractions</p> <p>Real-life Applications of Fractions</p>	<p>object and show the line of symmetry on A4 size paper. Write how symmetry makes the object look balanced and beautiful.</p>	<p>Meaning of Exponents (Powers and Base)</p> <p>Laws of Exponents</p> <p>Power of a Power</p> <p>Negative Exponents</p> <p>Use of Exponents in Simplification.</p> <p>Chapter 6: Set Concepts</p> <p>Introduction to Sets</p> <p>Definition and Representation of Sets</p> <p>Roster Form</p> <p>Set-builder Form</p> <p>Types of Sets</p> <p>Operations on sets</p> <p>Chapter 11: Simple Interest</p> <p>Introduction to Simple Interest</p> <p>Meaning of Principal, Rate, and Time</p> <p>Formula of Simple Interest</p> <p>Calculation of Simple Interest</p> <p>Amount (Principal + Interest)</p> <p>Finding Rate, Time, or Principal</p>	<p>Meaning of Exponents (Powers and Base)</p> <p>Laws of Exponents</p> <p>Power of a Power</p> <p>Negative Exponents</p> <p>Use of Exponents in Simplification.</p> <p>Chapter 6: Set Concepts</p> <p>Introduction to Sets</p> <p>Definition and Representation of Sets</p> <p>Roster Form</p> <p>Set-builder Form</p> <p>Types of Sets</p> <p>Operations on sets</p> <p>Chapter 11: Simple Interest</p> <p>Introduction to Simple Interest</p> <p>Meaning of Principal, Rate, and Time</p> <p>Formula of Simple Interest</p> <p>Calculation of Simple Interest</p> <p>Amount (Principal + Interest)</p> <p>Finding Rate, Time, or Principal</p>	<p>using a bar graph.</p> <p>Find which subject is most and least liked.</p> <p>Write one conclusion from your data.</p>
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<p>Chapter 13: Fundamental Concepts of Algebra Introduction to Algebra Variables and Constants Algebraic Expressions Terms, Factors, and Coefficients Like and Unlike Terms Simplification of Algebraic Expressions Addition and Subtraction of Algebraic Expressions Simple Linear Equations</p>	<p>Chapter 13: Fundamental Concepts of Algebra Introduction to Algebra Variables and Constants Algebraic Expressions Terms, Factors, and Coefficients Like and Unlike Terms Simplification of Algebraic Expressions Addition and Subtraction of Algebraic Expressions Simple Linear Equations</p> <p>Chapter 2: Rational Numbers Introduction to Rational Numbers Representation of Rational Numbers on Number Line Equivalent Rational Numbers Standard Form of Rational Numbers</p>		<p>Word Problems on Simple Interest Real-life Applications (Banking, Loans, Savings)</p>	<p>Word Problems on Simple Interest Real-life Applications (Banking, Loans, Savings)</p> <p>Chapter 10: Profit, Loss and Discount Introduction to Profit and Loss Cost Price (CP) and Selling Price (SP) Profit and Loss Calculation Profit Percentage and Loss Percentage Discount and Marked Price Calculation of Discount Word Problems on Profit, Loss and Discount</p> <p>Chapter 12: Speed, Distance and Time Introduction to Speed, Distance and Time Relationship between Speed, Distance and Time Problems on Speed, Distance and Time</p>	
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	<p>Comparison of Rational Numbers Addition of Rational Numbers Subtraction of Rational Numbers Multiplication of Rational Numbers Division of Rational Numbers Properties of Rational Numbers</p> <p>Chapter 4: Decimal Fractions Introduction to Decimals Place Value of Decimal Numbers Conversion of Fractions to Decimals Conversion of Decimals to Fractions Addition of Decimals Subtraction of Decimals Multiplication of Decimals Division of Decimals Word Problems on Decimals</p> <p>Chapter 7: Ratio and Proportion Introduction to Ratio</p>			<p>Chapter 14: Simple Linear Equations Introduction to Equations Meaning of Linear Equation Formation of Equations Solving Linear Equations Word Problems on Linear Equations</p> <p>Chapter 15: Linear Inequalities Introduction to Inequalities Representation on Number Line Solving Linear Inequalities Word Problems on Inequalities</p> <p>Chapter 19: Recognition of Solids Introduction to Solid Shapes Types of Solids (Cube, Cuboid, Sphere, Cylinder, Cone) Faces, Edges and Vertices Nets of Solids</p>	
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	<p>Writing and Simplifying Ratios Equivalent Ratios Comparison of Ratios Introduction to Proportion Continued Proportion Properties of Proportion Word Problems on Ratio and Proportion</p> <p>Chapter 8: Unitary Method Introduction to Unitary Method Finding Value of One Unit Direct Variation using Unitary Method Word Problems on Unitary Method Real-life Applications of Unitary Method</p> <p>Chapter 9: Percent and Percentage Introduction to Percentage Conversion between Fractions, Decimals, and Percentages Finding Percentage of a Quantity</p>			<p>3D Shapes in Daily Life</p> <p>Chapter 20: Congruent Triangles Introduction to Congruence Congruent Figures Criteria for Congruence of Triangles SSS (Side-Side-Side) SAS (Side-Angle-Side) ASA (Angle-Side-Angle) RHS (Right Angle-Hypotenuse-Side) Properties of Congruent Triangles Applications and Problems</p> <p>Chapter 21: Constructions Introduction to Geometrical Constructions Basic Constructions using Compass Construction of Line Segments Construction of Angles Construction of Triangle and encircle</p>	
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	<p>Increase and Decrease in Percentage Profit and Loss (Basic Concept) Simple Interest (Basic Idea) Word Problems on Percentage</p> <p>Chapter 16: Lines and Angles Basic Terms (Point, Line, Ray, Segment) Types of Lines Types of Angles Pair of Angles (Complementary, Supplementary, Adjacent) Vertically Opposite Angles Linear Pair of Angles Angles Formed by a Transversal Properties of Parallel Lines</p> <p>Chapter 17: Triangle and Pythagoras Theorem Introduction to Triangles</p>			<p>Chapter 23: Data Handling(Statistics) and Probability Introduction to Data Collection and Organization of Data Representation of Data (Bar Graph, Pictograph) Measures of Central Tendency (Mean, Median, Mode – Basic Idea) Introduction to Probability Probability of Simple Events Real-life Applications</p>	
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	<p>Types of Triangles (Based on Sides and Angles) Properties of Triangles Angle Sum Property of a Triangle Exterior Angle Property Introduction to Pythagoras Theorem Statement of Pythagoras Theorem Applications of Pythagoras Theorem Numerical Problems</p> <p>Chapter 18: Symmetry Introduction to Symmetry Line of Symmetry Symmetry in Geometrical Figures Rotational Symmetry Order of Rotational Symmetry Reflection Symmetry Symmetry in Daily Life</p> <p>Chapter 22: Mensuration: Perimeter and Area of Plane Figures</p>				
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	Introduction to Mensuration Perimeter of Plane Figures Area of Rectangle and Square Area of Triangle Area of Circle (Basic Idea) Word Problems on Perimeter and Area				
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Physics (Learning Elementary Physics)

1. Physical Quantities and Measurement <ul style="list-style-type: none"> • Concept of unit volume Measurement of Area: <ul style="list-style-type: none"> • Estimate the Area of irregular shape using a Graph paper Measurement of Density of regular solids: <ul style="list-style-type: none"> • Basic concept • Formula • Simple Numerical (SI units not required) Calculation of Speed: <ul style="list-style-type: none"> • Basic Concept • Formula Simple Numerical (SI units not required).	1. Physical Quantities and Measurement Measurement of Volume (3D concept): <ul style="list-style-type: none"> • Concept of unit volume Measurement of Area: <ul style="list-style-type: none"> • Estimate the Area of irregular shape using a Graph paper Measurement of Density of regular solids: <ul style="list-style-type: none"> • Basic concept • Formula • Simple Numerical (SI units not required) Calculation of Speed: <ul style="list-style-type: none"> • Basic Concept • Formula 	Observe movements around you such as a moving fan, a swinging pendulum, or a rolling ball in your surroundings. Based on your observations, identify and explain the different types of motion (rectilinear, circular, periodic, etc.) with suitable examples. Describe how these motions are seen in daily life and support your work with diagrams or pictures. Present your project neatly on an A4 size sheet with	5.Heat <ul style="list-style-type: none"> • Heat as a form of energy and its units, joule(J) and calorie (cal). Different units of Temperature ($^{\circ}\text{C}$, $^{\circ}\text{F}$, K). • Effects of Heat: • Change in Temperature. • Change in Size (Expansion and contraction). • Change in State. • Good Conductors and Bad Conductors of Heat and their examples. • Choice of conductors and 	5.Heat <ul style="list-style-type: none"> • Heat as a form of energy and its units, joule(J) and calorie (cal). Different units of Temperature ($^{\circ}\text{C}$, $^{\circ}\text{F}$, K). • Effects of Heat: • Change in Temperature. • Change in Size (Expansion and contraction). • Change in State. • Good Conductors and Bad Conductors of Heat and their examples. • Choice of conductors and 	Observe the use of electrical devices at home (like bulbs, switches, or torches) and identify how they work using a circuit. Based on your observation, explain the components of an electric circuit (cell, bulb, switch, wires) and their functions. Draw and label a simple electric circuit diagram and describe how current flows. Present your work neatly on an A4 size sheet with proper headings and clear diagrams.
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	<ul style="list-style-type: none"> • Simple Numerical (SI units not required). <p>2. Force and Pressure: Motion</p> <ul style="list-style-type: none"> • Motion as a change in position of an object with respect to time. • Types of motion: <ul style="list-style-type: none"> • Translatory • Circulatory • Oscillatory • Repetitive (Periodic and Non Periodic) • Random • Uniform and Non Uniform Motion: concept of distance and speed (average speed) Weight: <ul style="list-style-type: none"> • Concept • Differences between Mass and Weight. <p>3. Energy</p> <ul style="list-style-type: none"> • Energy as capacity to do work. • Units of energy (joule and calorie). 	<p>proper headings and illustrations.</p>	<p>insulators in day to day life (Pan handles, metal cooking utensils etc.)</p> <ul style="list-style-type: none"> • Methods of Heat Transfer: <ul style="list-style-type: none"> • Conduction • Convection • Radiation • Thermos Flask: (Application of Heat Transfer) <ul style="list-style-type: none"> • Construction • Working <p>6. Sound</p> <ul style="list-style-type: none"> • Sound as a longitudinal wave. Characteristics of a sound wave: Amplitude (Relate amplitude with loudness) and Frequency. <ul style="list-style-type: none"> • Sound needs a medium to propagate. • Reflection and Absorption of sound. • Relative speed of sound in different mediums. 	<p>insulators in day to day life (Pan handles, metal cooking utensils etc.)</p> <ul style="list-style-type: none"> • Methods of Heat Transfer: <ul style="list-style-type: none"> • Conduction • Convection • Radiation • Thermos Flask: (Application of Heat Transfer) <ul style="list-style-type: none"> • Construction • Working <p>6. Sound</p> <ul style="list-style-type: none"> • Sound as a longitudinal wave. Characteristics of a sound wave: Amplitude (Relate amplitude with loudness) and Frequency. <ul style="list-style-type: none"> • Sound needs a medium to propagate. • Reflection and Absorption of sound. • Relative speed of sound in different mediums. <p>7. Electricity and Magnetism</p>	
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	<ul style="list-style-type: none"> • Different forms of energy. • Inter-conversion of energy • Law of Conservation of Energy: • Real world examples. <p>4.Light Energy</p> <ul style="list-style-type: none"> • Definition and Examples. • Terms related to reflection - normal, plane, point of incidence, angle of incidence, angle of reflection. • Laws of Reflection. • Plane mirror: • Uses. • Ray Diagram (no mention of virtual image). <p>Characteristics of the image formed (Lateral Inversion, same size, distance is preserved).</p> <ul style="list-style-type: none"> • Speed of light (3×10^8 m/s). Primary colours (RGB). 			<ul style="list-style-type: none"> • Law of Magnetism • Test for a magnet (by repulsion) • Electromagnetism, Electromagnets and their applications- Electric bell Electric current as a flow of charges • Electric cell as source of electricity • Resistors as components that oppose the flow of current. • Symbolic representation of electrical components. 	
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	<ul style="list-style-type: none"> • Formation of secondary colours by colour addition. • Appearance of colour of an object (based on reflection and absorption) <p>Colour subtraction</p>				
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Chemistry (Quest – An Integrated to Chemistry)

<p>Chapter 1: Matter and its Composition * Definition of matter ,its composition * Difference and Interconversion of states of matter</p>	<p>Chapter 1: Matter and its Composition •Definition of matter ,its composition •Difference and Interconversion of states of matter "</p> <p>Chapter 3: Elements, Compounds and Mixtures •Identification of elements, and compounds from representation of their symbols and formulae. •difference between elements ,mixtures and compounds •Types of mixtures: - Homogeneous & Heterogeneous mixtures</p>	<p>Choose any ten elements from daily life (for example: Hydrogen, Oxygen, Carbon, Nitrogen, Sodium, Calcium, Iron, Aluminium, Chlorine, and Helium). Write their atomic structure by mentioning the number of protons, neutrons, and electrons. Draw simple diagrams for any two elements. Also, write one use of each element in daily life on A4 sheet.</p>	<p>Chapter 2: Physical and Chemical Changes • Physical and chemical changes. • Chemical change -formation of a new product with new properties. • Differentiating between physical and chemical change. • Classification as physical & chemical change. • Types of change involved when there is a change of state of matter. • Types of change involved</p>	<p>Chapter 2: Physical and Chemical Changes • Physical and chemical changes. • Chemical change -formation of a new product with new properties. • Differentiating between physical and chemical change. • Classification as physical & chemical change. • Types of change involved when there is a change of state of matter. • Types of change involved</p>	<p>Pure gold is soft and is known as 24-carat gold. To make jewellery, it is mixed with metals like silver or copper to make it stronger. The amount of these metals changes the purity (carat) of gold. Find out the purity of gold used in different types of jewellery. Write your findings neatly on A4 sheet.</p>
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	<ul style="list-style-type: none"> • On the basis of State: Solid –solid; Solid-liquid; Liquid-liquid mixtures • Separation techniques: evaporation, distillation, use of separating funnel, sublimation, fractional distillation. • Examine the principle behind each separation technique. • Chromatography as a separation technique; Paper chromatography. <p>Chapter 4: Atomic Structure Atoms, Molecules and Radicals</p> <ul style="list-style-type: none"> • An atom is the smallest particle of an element. • It is not capable of independent existence. • The properties of an element depend upon 		<p>when there is a change of energy.</p> <p>Chapter 5: Language of Chemistry</p> <ul style="list-style-type: none"> • Chemical reactions <p>A chemical reaction may take place when two or more reactants come in contact with one another and transfer of energy takes place.</p> <ul style="list-style-type: none"> • Characteristic signs of occurrence of a chemical reaction: Change of: • Colour • State • Evolution of gas • Precipitate formed • Heat evolved / released • Chemical Equations: Writing word equations for chemical reactions and emphasize on the observational skills and the names of products formed 	<p>when there is a change of energy.</p> <p>Chapter 5: Language of Chemistry</p> <ul style="list-style-type: none"> • Chemical reactions <p>A chemical reaction may take place when two or more reactants come in contact with one another and transfer of energy takes place.</p> <ul style="list-style-type: none"> • Characteristic signs of occurrence of a chemical reaction: Change of: • Colour • State • Evolution of gas • Precipitate formed • Heat evolved / released • Chemical Equations: Writing word equations for chemical reactions and emphasize on the observational skills and the names of products formed 	
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	<p>the atoms constituting it.</p> <ul style="list-style-type: none"> • A molecule is the smallest particle of an element or compound, capable of independent existence. It consists of one or more than one atom of the same or different elements. • A radical is a single atom of an element or a group of atoms of different elements behaving as single charged unit. <ul style="list-style-type: none"> • Atomicity (no. of atoms in an entity) of elements and compounds – mono atomic, di atomic, tri atomic, polyatomic. • Associate the first 20 elements in the periodic table with their names and symbols 			<p>Chapter 6: Metals and Non-Metals</p> <ul style="list-style-type: none"> • Metals, non-metals Properties • Distinguish between metals and non-metals • Classification of elements as metals & non-metals. • Corrosion of iron (rusting); ways to prevent rusting • Uses of certain metals (iron, gold, copper, aluminium, zinc, lead, magnesium). • Metalloids: elements that show the properties of both tungsten, antimony); uses. metals and non-metals –e.g. silicon, germanium, <p>Chapter 7: Air and Atmosphere</p> <ul style="list-style-type: none"> ● Composition of Air ● Uses of Different 	
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	<ul style="list-style-type: none"> Valency is the combining capacity of an element or the number of hydrogen atoms with which it combines or replaces. 			Gases Present in Air <ul style="list-style-type: none"> Oxygen Properties of Oxygen Air Pollution Acid Rain Ways to Reduce Air Pollution 	
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Biology (Lakhmir Singh' Science Biology)

Ch - 1 Organization in Living Things: *Definition of tissue *Classification of plant tissues-meristematic, simple permanent, complex permanent *Animal Tissue-epithelial, connective, muscular, nerve	Ch - 1 Organization in Living Things: *Definition of tissue *Classification of plant tissues-meristematic, simple permanent, complex permanent *Animal Tissue-epithelial, connective, muscular, nerve	Observe daily life activities such as drinking water, sweating, and using the restroom, and relate them to how the body removes waste. Based on your observation, explain the organs involved in the excretory system and their functions. Describe the process of removal of waste from the body and include common diseases related to the excretory system. Suggest practical measures to maintain a healthy excretory system. Present your	Ch - 3: Kingdom Classification II *Vertebrates *Invertebrates: 9 major Phyla ,Porifera, Cnidaria, coelenterata, Platyhelminthes, Nematoda, Annelida ,Arthropoda, Mollusca,Echinoder mata *Classification of Vertebrates:5 classes, Pisces, Amphibia Reptilia ,Aves, Mammalia Ch – 6:The Nervous System	Ch - 3: Kingdom Classification II *Vertebrates *Invertebrates: 9 major Phyla ,Porifera, Cnidaria, coelenterata, Platyhelminthes, Nematoda, Annelida ,Arthropoda, Mollusca,Echinoder mata *Classification of Vertebrates:5 classes, Pisces, Amphibia Reptilia ,Aves, Mammalia Ch – 6:The Nervous System	Observe your surroundings at home or school and identify situations where people may face allergic reactions (like dust, pollen, or certain foods). Based on your observation, explain the types of allergens and how they enter the body, and classify them into seasonal and perennial allergies. Describe the symptoms experienced and suggest practical preventive measures that can be followed in daily life. Present
Ch - 4 Plant Life: *Photosynthesis *Definition, basic process, factors affecting Photosynthesis, significance of photosynthesis, set-up	Ch - 2 Kingdom Classification 1 *Classification and its need *Advantages of Classification *Characteristics of each kingdom with suitable examples				

<p>*Experiment to demonstrate photosynthesis process *Respiration *Basic process, word equation, respiration as a process which releases energy, respiration in plants:two types(aerobic and anaerobic: basic concept ,word equations for both , examples) *Respiration and photosynthesis in plants, difference in both processes</p>	<p>*Monera:Bacteria- shape;useful Bacteria and harmful Bacteria *Protista:Amoeba- basic structure and life processes (nutrition, locomotion, respiration, excretion and reproduction by binary and multiple fission) Ch - 4 Plant Life: *Photosynthesis *Definition, basic process, factors affecting Photosynthesis, significance of photosynthesis, set-up *Experiment to demonstrate photosynthesis process *Respiration *Basic process, word equation, respiration as a process which releases energy, respiration in plants:two types(aerobic and anaerobic: basic</p>	<p>work neatly on an A4 size sheet with proper headings and relevant diagrams.</p>	<p>*Main parts of the nervous system: brain ,spinal cord, and nerves *Brain and its parts *Spinal cord: location and function *Nerves: general function</p>	<p>*Main parts of the nervous system: brain ,spinal cord, and nerves *Brain and its parts *Spinal cord: location and function *Nerves: general function</p> <p>Ch – 7: Allergy *Concept of allergy *Allergens *Entry routes of allergens *Symptoms of allergic reaction *Types of allergies *Precautions and care to be taken by a person who is prone to allergies.</p>	<p>your findings neatly on an A4 size sheet with proper headings and relevant illustrations.</p>
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	<p>concept ,word equations for both , examples) *Respiration and photosynthesis in plants, difference in both processes</p> <p>Ch - 5 Excretory System *Excretion:Definition *Organs and their excretory products (kidneys,sweat glands,lungs) *Excretory system in humans-Kidneys, ureter, urinary bladder ,urethra(location and functions to be explained along with diagram) *Role of kidneys in filtration of blood through millions of nephrons; common disorders of the urinary system :Urinary Tract Infection, kidney stone</p>				
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History/Civics (ICSE Understanding History & Civics)

<p>Ch.1 Medieval Europe- Rise and Spread of Christianity</p> <ul style="list-style-type: none"> ● Birth of Jesus Christ ● Teachings of Jesus Christ ● Early Life and Ministry of Jesus ● Crucifixion and Resurrection ● Spread of Christianity ● Role of Apostles (especially St. Peter and St. Paul) ● Persecution of Christians ● Recognition by Roman Emperors (Constantine) 	<p>Ch.1 Medieval Europe- Rise and Spread of Christianity</p> <ul style="list-style-type: none"> ● Birth of Jesus Christ ● Teachings of Jesus Christ ● Early Life and Ministry of Jesus ● Crucifixion and Resurrection ● Spread of Christianity ● Role of Apostles (especially St. Peter and St. Paul) ● Persecution of Christians ● Recognition by Roman Emperors (Constantine) ● Christianity as the State Religion of the Roman Empire ● Role of the Church in Medieval Europe 	<p>Collect pictures of the monuments constructed by Delhi Sultans and them in a scrap book. Write a few lines about them.</p> <p>Map work: Delhi Sultanate</p>	<p>Ch. 4 The Vijayanagar and Bhamani Kingdoms</p> <ul style="list-style-type: none"> ● Background of South India ● Establishment of the Vijayanagar Empire ● Rulers of Vijayanagar (Harihara, Bukka, Krishnadeva Raya) ● Administration of Vijayanagar ● Economy and Trade ● Society and Culture ● Art and Architecture (Temples, Hampi) ● Establishment of the Bahmani Kingdom ● Rulers of the Bahmani 	<p>Ch. 4 The Vijayanagar and Bhamani Kingdoms</p> <ul style="list-style-type: none"> ● Background of South India ● Establishment of the Vijayanagar Empire ● Rulers of Vijayanagar (Harihara, Bukka, Krishnadeva Raya) ● Administration of Vijayanagar ● Economy and Trade ● Society and Culture ● Art and Architecture (Temples, Hampi) ● Establishment of the Bahmani Kingdom ● Rulers of the Bahmani 	<p>Write down the Preamble to the Indian Constitution on a A4 size sheet and mention it's salient features.</p> <p>Map work- Extension of Bhamani and Vijayanagar kingdoms.</p>
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<ul style="list-style-type: none"> ● Christianity as the State Religion of the Roman Empire ● Role of the Church in Medieval Europe <p>Civics Ch.1.The Constitution of India</p> <ul style="list-style-type: none"> ● Meaning of Constitution ● Need for a Constitution ● Making of the Indian Constitution ● The Constituent Assembly ● Salient Features of the Indian Constitution ● Preamble of the 	<p>Ch. 2 Rise and sprPre-Islamic Arabia</p> <ul style="list-style-type: none"> ● Birth of Prophet Muhammad ● Early Life of Prophet Muhammad ● Revelation and Message of Islam ● Teachings of Islam ● Opposition in Mecca ● Hijra (Migration to Medina) ● Establishment of Islam in Medina ● Return to Mecca ● Spread of Islam ● Role of the Caliphs ● Expansion of the Islamic Empire ● Cultural and Scientific Contributions of Islamic Civilization 		<p>Kingdom</p> <ul style="list-style-type: none"> ● Administration of the Bahmani Kingdom ● Conflict between Vijayanagar and Bahmani Kingdoms ● Society and Culture of the Bahmani Kingdom ● Decline of Both Kingdoms <p>Civics- Ch. 2 Directive Principles of state policy</p> <ul style="list-style-type: none"> ● Meaning of Directive Principles of State Policy (DPSP) ● Need and Importance of DPSP 	<p>Kingdom</p> <ul style="list-style-type: none"> ● Administration of the Bahmani Kingdom ● Conflict between Vijayanagar and Bahmani Kingdoms ● Society and Culture of the Bahmani Kingdom ● Decline of Both Kingdoms ● Ch.5 The Mughal Empire ● Advent of the Mughals in India ● Babur and the First Battle of Panipat ● Humayun and his Struggles ● Sher Shah Suri and his 	
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<p>Constitution</p> <ul style="list-style-type: none"> ● Fundamental Rights ● Fundamental Duties 	<p>Ch. 3 The Delhi Sultanate</p> <ul style="list-style-type: none"> ● Background: Decline of Rajput Kingdoms ● Invasions of Muhammad Ghori ● Foundation of the Delhi Sultanate ● Slave (Mamluk) Dynasty ● Qutb-ud-din Aibak ● Iltutmish ● Razia Sultana ● Balban and Consolidation of Power ● Khilji Dynasty ● Alauddin Khilji's Conquests ● Market Control Policy ● Military Reforms ● Tughlaq Dynasty ● Muhammad bin Tughlaq (Policies and Experiments) 		<ul style="list-style-type: none"> ● Features of DPSP ● Classification of DPSP <ul style="list-style-type: none"> ○ Socialistic Principles ○ Gandhian Principles ○ Liberal-Intellectual Principles ● Examples of Directive Principles ● Difference between Fundamental Rights and DPSP ● Implementation of DPSP 	<p>Administration</p> <ul style="list-style-type: none"> ● Restoration of the Mughal Empire ● Akbar's Early Life and Expansion ● Administrative Reforms of Akbar ● Mansabdari System ● Religious Policy (Sulh-i-Kul) ● Navratnas in Akbar's Court ● Cultural Developments under Akbar ● Jahangir's Rule and Administration ● Role of Nur Jahan ● Shah Jahan's Reign 	
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	<ul style="list-style-type: none"> ● Firoz Shah Tughlaq ● Administration of the Sultanate ● Revenue System ● Army and Intelligence System ● Khilji Dynasty ● Alauddin Khilji's Conquests ● Market Control Policy ● Military Reforms ● Tughlaq Dynasty ● Muhammad bin Tughlaq (Policies and Experiments) ● Firoz Shah Tughlaq ● Administration of the Sultanate ● Revenue System ● Army and Intelligence System ● Sayyid Dynasty 		<ul style="list-style-type: none"> ● Role of DPSP in Governance 	<ul style="list-style-type: none"> ● Golden Age of Mughal Architecture ● Famous Monuments (like Taj Mahal) ● Aurangzeb's Policies ● Expansion of the Empire under Aurangzeb ● Religious Policies and Conflicts ● Causes of the Decline of the Mughal Empire ● Later Mughals and Weakening of the Empire <p>Ch. 6 The making of Composite culture</p> <ul style="list-style-type: none"> ● Meaning of Composite Culture ● Factors Leading to Composite Culture 	
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- **Lodi Dynasty**
- **Causes of Decline of the Delhi Sultanate**
- **Society under the Sultanate**
- **Economic Conditions**
- **Art and Architecture**
- **Cultural Developments**

Civics

Ch.1.The

Constitution of India

- **Meaning of Constitution**
- **Need for a Constitution**
- **Making of the Indian Constitution**
- **The Constituent Assembly**
- **Salient Features of the Indian Constitution**
- **Preamble of the Constitution**
- **Fundamental Rights**

- **Role of the Bhakti Movement**
- **Role of the Sufi Movement**
- **Teachings of Bhakti Saints**
- **Teachings of Sufi Saints**
- **Interaction between Hindus and Muslims**
- **Development of Language (Hindi, Urdu)**
- **Art and Architecture**
- **Music and Dance**
- **Literature and Cultural Exchange**
- **Unity in Diversity**

Civics

Ch.2 The Directive Principles of State policy

- **Meaning of Directive Principles of**

- **Fundamental Duties**

State Policy (DPSP)

- **Need and Importance of DPSP**
- **Features of DPSP**
- **Classification of DPSP**

- **Socialistic Principles**
- **Gandhian Principles**
- **Liberal-Intellectual Principles**
- **Examples of Directive Principles**
- **Difference between Fundamental Rights and DPSP**
- **Implementation of DPSP**
- **Role of DPSP in Governance**

Geography (ICSE Geography)

<p>Theme 1 - Representation of geographical features</p> <ul style="list-style-type: none"> • Topographical Maps: Use of colors (Blue, Red, Yellow, Brown, Green). • Mapping Tools: Grid references, scales (RF and linear), distance measurement, and conventional symbols. <p>Theme 2 : Atmosphere</p> <ul style="list-style-type: none"> •Structure: Troposphere, Stratosphere, Mesosphere, Thermosphere, and Exosphere. •Climate Change: Greenhouse effect, ozone depletion, and global warming (causes, impacts, and solutions). 	<p>Theme 1: Representation of geographical features</p> <ul style="list-style-type: none"> •Topographical Maps: Use of colors (Blue, Red, Yellow, Brown, Green). • Mapping Tools: Grid references, scales (RF and linear), distance measurement, and conventional symbols. <p>Theme 2: Atmosphere</p> <ul style="list-style-type: none"> •Structure: Troposphere, Stratosphere, Mesosphere, Thermosphere, and Exosphere. •Climate Change: Greenhouse effect, ozone depletion, and global warming (causes, impacts, and solutions). <p>Theme 3: Weather and Climate</p> <ul style="list-style-type: none"> •Elements: Temperature, pressure, winds, 	<p>Prepare a scrapbook by pasting pictures showing the different layers of the atmosphere. Describe each layer (Troposphere, Stratosphere, Mesosphere, Thermosphere, and Exosphere) along with their features and importance.”</p>	<p>Theme 6-Energy and power resources</p> <ul style="list-style-type: none"> • Non-renewable sources of energy • Coal • Petroleum • Hydro power • Major hydroelectric projects in India • Renewable sources of energy • Solar energy • Wind energy • Difference between renewable and non-renewable energy • Conservation of energy and power resources <p>Theme 7 Europe</p> <ul style="list-style-type: none"> • Location and extent of Europe • Political divisions of Europe • European Union (EU) • Physical features of Europe • Northwestern highlands • Ural Mountains • Scandinavian Mountains 	<p>Theme 6-Energy and power resources</p> <ul style="list-style-type: none"> • Non-renewable sources of energy • Coal • Petroleum • Hydro power • Major hydroelectric projects in India • Renewable sources of energy • Solar energy • Wind energy • Difference between renewable and non-renewable energy • Conservation of energy and power resources <p>Theme 7- Europe</p> <ul style="list-style-type: none"> • Location and extent of Europe • Physical features of Europe • Northwestern highlands • Ural Mountains • Scandinavian Mountains • Mountains of Britain • North European plains / Central plains 	<p>Collect pictures of any 4–5 famous tourist destinations in Europe and paste them on an A4 sheet. Write a detailed note on each place, including its location, important features, historical significance, and reasons why tourists visit it</p>
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	<p>humidity, rainfall, and sunshine.</p> <ul style="list-style-type: none"> • Instruments: Thermometer, Barometer, Hygrometer, Rain gauge, Anemometer. • Mapping: Isotherms and isohyets. <p>Theme 4: Weathering and Soil</p> <ul style="list-style-type: none"> • Earth's Interior: Crust, Mantle, and Core. • Rocks: Igneous, Sedimentary, and Metamorphic. • Processes: Soil formation/conservation and types of weathering (mechanical, chemical, biological). <p>Theme 5: Industries</p> <ul style="list-style-type: none"> • Classification: Large, small, cottage, agro-based, and mineral-based. • Major Sectors: Iron & Steel, Textiles, IT, Shipbuilding, and Fishing. • Impact: Factors for location and industrial pollution. 		<ul style="list-style-type: none"> • Mountains of Britain • Baltic Shield • North European plains / Central plains • Russian plains • Western and Mid-European plains • Central uplands • Southern mountainous system • Southern chain of peninsulas • Drainage system of Europe 	<ul style="list-style-type: none"> • Russian plains • Western and Mid-European plains • Central uplands • Southern mountainous system • Alpine mountain system • Southern chain of peninsulas <p>Theme 8 Africa –</p> <ul style="list-style-type: none"> • Political divisions (countries with capitals) • Location and extent • Boundaries • Major physical features • Cocoa cultivation in Ghana (case study) <p>Theme 9 -Australia</p> <ul style="list-style-type: none"> • Location and extent • Political divisions (states and capitals) • Eastern Highlands • Great Dividing Range • Great Barrier Reef • Central Lowlands • Murray Darling Basin • Lake Eyre Basin • Carpentarian Lowlands • Western Plateau 	
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	Symbols & Map Work - All map-based exercises from the textbook			<ul style="list-style-type: none"> • Coastal Plains • Great Artesian Basin • Rift Valley of Australia • Sheep rearing in Australia (case study) Theme 10• Antarctica <ul style="list-style-type: none"> • Antarctica as a continent • Location and extent • Boundaries • Physical features • Climate • Ozone layer depletion • Effects of global warming on Antarctica • Vegetation • Animal life • Minerals Symbols & Map Work - All map-based exercises from the textbook	
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Computer Studies (Coding Capers)

Chapter 1: Hardware Components *Internal Hardware *External Hardware Chapter 2: Number System	Chapter 1: Hardware Components *Internal Hardware *External Hardware Chapter 2: Number System	Make a presentation on hardware and software with proper formatting and animation effects.	Chapter 5: Introduction to Spreadsheet- Starting excel, Workbook and Worksheet, Components of	Chapter 5: Introduction to Spreadsheet Starting excel, Workbook and Worksheet, Components of	Create a webpage based on the topic “freedom fighters of India” with proper formatting using HTML.
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<p>*Decimal Number System *Binary Number System *Octal Number System *Hexadecimal Number System</p>	<p>*Decimal Number System *Binary Number System *Octal Number System *Hexadecimal Number System</p> <p>Chapter 3: Computer Virus</p> <p>*Virus and its Symptoms, *Harms caused by computer virus *Types of Virus, Spread of virus, *Difference form of virus attack, *Way to prevent virus, *Antivirus</p> <p>Chapter 4: Ethics and safety Measures</p> <p>The internet, Advantages and disadvantages of internet, Computer ethics, Unethical practices, Safety measures, Digital footprints</p>		<p>Worksheet, Moving around Worksheet, Entering data, Types of data, Performing calculation, saving a workbook</p> <p>Chapter 6: More features of Spreadsheet</p> <p>Selecting cell, Changing Cell contents, Using Undo and Redo features, Insert and delete-Cell, rows, columns, Copying and Moving data, Digital features</p>	<p>Worksheet, Moving around Worksheet, Entering data, Types of data, Performing calculation, saving a workbook</p> <p>Chapter 6: More features of Spreadsheet</p> <p>Selecting cell, Changing Cell contents, Using Undo and Redo features, Insert and delete-Cell, rows, columns, Copying and Moving data, Digital features</p> <p>Chapter 7: Introduction to DBMS</p> <p>Database, DBMS, Advantages of DBMS, Microsoft Access, Components of MS-Access, creating a database, view and tables, adding a table, Data Types, Primary Key, Query, Creating a Query, Closing Access Application, Opening an Existing Database</p>	
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				Chapter 8: Advanced Features of HTML List Inserting Images Linking Web pages Tables Forms	
Sanskrit (Deepakam)					
	पाठ 1. वंदे भारतमातरम् पाठ 2 नित्य पिबामः सुभाषितरसम् पाठ 3 मित्राय नमः पाठ 4 न लभ्यते चेत् आम्लं द्राक्षाफलम् पाठ 5 सेवा हि परमो धर्मः पाठ 6 क्रीडाम वयं श्लोकान्त्याक्षरीम् पर्यायवाची शब्द, लिंग, पशुओं के नाम, गिनती 1 से 30, धातु रूप 'दृश', शब्द रूप 'राजा'			पाठ 7 ईशावास्यम् इदं सर्वम् पाठ 8 हितं मनोहारि च दुर्लभं वचः पाठ 9 अन्नाद् भवन्ति भूतानि पाठ 10 दशमः कः? पाठ 11 द्बीपेषु रम्यः द्बीपोऽण्डमानः पाठ 12 वीरांगना पन्नाधाया विपरीतार्थक शब्द, पक्षियों के नाम, व्यवसाय संबंधी नाम, रोगों के नाम, शब्द रूप 'हरि' धातु रूप 'वद'	





Value Education (Count Your Blessings)


Chapter 1 - Being Patriotic
Chapter 2- Love - Essence of Life
Chapter 3- Over coming Stage Fright
Chapter 4- Seeking Peace
Chapter 5- Gender Equality
Chapter 6- Learning to Move on
Chapter 7- Making life Worthwhile
Chapter 8-Coexisting Peacefully


Chapter 9- Judging Fairly
 Chapter 10- Keep Trying
 Chapter 11- Learn to Help Yourself
 Chapter 12- Empowering the Differently Abled
 Chapter 13- Keeping Humanity Alive
 Chapter 14 - Say No to Plastic
 Chapter 15 - A Dam for Feelings


General Knowledge (Brain Booster Plus)


CLASS 7 – GENERAL KNOWLEDGE
 HALF-YEARLY SYLLABUS
 Section 1: In the Wild
 Forest Tour
 Amazing Habitats
 Bow-wow!
 Peculiar Plants and Trees
 Little Ones
 Insectivorous Plants
 Birds of Prey
 Yummy-Tummy
 Smart Minds


 CLASS 7 – GENERAL KNOWLEDGE
 FINAL TERM SYLLABUS
 Unit: Inking Canvas
 Words Forever
 Singers and Groups
 What’s Up Life!
 Must See
 Similes
 Well-known Acronyms
 Info-scoop: The Bard of Avon – Life and Achievements (60–61)
 40. Proverbs


 Info-scoop: Grow More... Stop Ungreening!


 Q & A Express


 Section 2: Beyond Boundaries
Majestic Mughals
Magnificent Forts
Globe Lines
British India History
Beautiful Union
Territories
History Album
Rise and Fall of the Mighty
Heritage Sites


 Out of the World

 Q & A Express


 Section 3: Science
Wizard
Wow Chemistry!
Master Minds
Mission Chandrayaan-2


 Info-scoop: The History of Money
Diseases
Must Study
Medical Breakthroughs
Infotech Corner
Mission Red Planet


 Out of the World


 Q & A Express

41. Great Writers
42. Poetry Classics

 Out of the World (65)


 Q & A Express (66)


 Unit: Talk of the Town
Mythical Places
Wonders of the World
Tribal Groups
Delicious Cuisines
Royal Tour
Social Reformers and Activists
Famous First


 Info-scoop: Sky is the Limit (74–75)


50. Parliaments Around the World







51. Amazing Connectors

 Q & A Express (78)

 Unit: Game Point
Tennis Trivia
Chess Mania
Football Fever
Cricket: A Gentleman's Game
Sporting Legends
Standing with Courage

 Q & A Express (86)

 Unit: Mind Over Matter
Braingle

		<p>IN Section 4: Incredible India</p> <p>Demonetization of Currency</p> <p>Hall of Fame</p> <p>Indian Electoral System</p> <p>The Country's Guard</p> <p>Indian Railways</p> <p>On the Music Note</p> <p>Cities and their Nicknames</p> <p>➔ Info-scoop: Social Media Cheat Sheet</p> <p>➔ Q & A Express</p> <p>- current affairs</p>		<p>Ice-breaker</p> <p>Brain Buzz</p> <p>➔ Power Yoga: Yoga for Increasing Stamina (90–91)</p> <p>➔ Quiz-a-thon (92)</p> <p>- Current affairs</p>	
Art & Craft (Integration of Art in Pedagogy)					
	<p> Basic Drawing & Art Concepts</p> <p>Elements of Art & Lines</p> <p>Colours</p> <p>Colour Wheel</p> <p>Shading Forms</p> <p>Ink Shading Techniques</p> <p> Science-based Drawing</p> <p>Human Heart</p> <p>Pollination</p> <p>Waste Water Treatment Plant</p> <p>Photosynthesis</p>	<p>Drawing Work (any 2 topics)</p> <p>One Science Diagram</p> <p>One Craft Work</p> <p>Viva (basic concepts)</p>		<p> Applied Art & Posters</p> <p>Poster on “Right to Vote”</p> <p>Poster Making – “Jago Grahak Jago”</p> <p>Poster on “Be Kind to Animals”</p> <p> Creative & Thematic Art</p> <p>Layers of Atmosphere</p> <p>Logo Design</p> <p>Halloween Art</p> <p> Geometry & Design</p> <p>Solid Shapes</p> <p>Basics of Geometry</p>	<p>Poster Making (1 compulsory)</p> <p>Geometry/Design Work</p> <p>One Craft Project</p> <p>Viva + File Submission</p> <p> Instructions for Students</p> <p>Maintain a neat Art & Craft File</p> <p>Bring colours, pencils, and materials regularly</p> <p>Focus on creativity, neatness & effort</p>

	Digestive System in Ruminants Dust Storm Formation  Language & Creative Writing  Craft Work Papier Mache Bookmark Making			Symmetry  Activity-Based Learning Learning by Doing Let's Do and Learn (Craft Activity)  Language & Presentation Dialogue Completion Sentence Surgeons Calligraphy Flip Book Making  Grammar Topics  Craft Work Card Making	
Music					
	Advanced warm-up & flexibility Basics of classical dance (any one style like Kathak) Footwork (tatkaar – basic) Turns (chakkars – basic) Bollywood + Contemporary fusion steps Facial expressions & storytelling			Full dance routine (3–5 minutes) Classical + Semi-classical performance Folk dance (state-wise performance) Group choreography (sync & formations) Stage presentation skills (confidence, expressions)	

SUPW

NA	<p>Main Crafts/Services Growing Medical Plants</p> <p>Subsidiary Crafts/Services Preparation of First aid boxes</p> <p>Other Class Assessment Construction of Dusters Making Welcome/Thankyou Card Cooking without fire Book Binding Stitching: To attach a button</p>	<p>SUPW (Allied Subject Craft) Art - Pottery work; Sculpture</p>	NA	<p>Main Crafts/Services Paramedical service</p> <p>Subsidiary Crafts/Services Construction of wastepaper baskets</p> <p>Other Class Assessment Plaster of Paris work Knitting & Embroidery work Construction of Decorative pieces Painting on Paper and Fabric Stage Craft</p>	<p>SUPW (Allied Subject Craft) Home Science - Care of a House Cookery - Practical Cookery</p>
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Physical Education

	<p>(April to August) April- * Kho-Kho (Basic rules & practice) * PT (Basic drills & discipline) May- * Kho- Kho & Athletics * Football (Basic control & passing) * PT (basic drills) July-</p>	<p>Draw a ground on any one of the following sports and explain the history of it in short.</p> <ol style="list-style-type: none"> 1) Handball 2) Basketball 3) kho-kho 4) Throwball 5) Football <p>Also write the rules and regulations of the</p>		<p>(October to February) October – * Kho-Kho (Team strategy & matches) * Basketball (Shooting & team play) * Yoga (Regular practice + flexibility) November- * (Sports day practice)</p>	<p>Write about any one athletic event</p> <ul style="list-style-type: none"> • Explain importance of discipline in sports • Write about your favorite game <p>Assessment Criteria: Skill improvement Project work (neatness & creativity)</p>
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	<ul style="list-style-type: none"> * Volleyball (Basic serves & passing) * Kho-Kho (Advanced practice) * Yoga <p>August-</p> <ul style="list-style-type: none"> * Basketball dribbling practice * PT (March past squad formation & discipline drills) * Yoga (Improved poses & breathing techniques) 	<p>game. You may choose and name five players associated with the particular game.</p>		<ul style="list-style-type: none"> * Athletics (Full event practice – races, jumps, etc.) * PT (march past practice) <p>December-</p> <ul style="list-style-type: none"> * PT (discipline drills) * Kho-Kho (Inter-group matches) * Yoga (Advanced breathing & meditation) <p>January-</p> <ul style="list-style-type: none"> * Basketball (Match practice)\ * Football (Tournament practice) <p>February –</p> <ul style="list-style-type: none"> * All games revision * PT (line formation , discipline, etc.) 	
Financial Literacy					
	<p>Chapter 1 -Banking (Physics)</p> <p>Chapter 2- Types of bank accounts (Physics)</p> <p>Chapter 3- Use of new technology in banking (Computer studies)</p> <p>Chapter 4- Reserve Bank of India (Chemistry)</p>			<p>Chapter 5- Consumer protection (History /Civics)</p> <p>Chapter 6- Borrowing (Maths)</p> <p>Chapter 7- Basic terms in financial literacy(English)</p> <p>Chapter 8- Simple interest (Maths)</p>	

Science Practical

To measure the volume of irregular solids by measuring cylinder. (P)
To observe the concave and convex meniscus of liquids. (P)
To prove that freezing, melting, boiling and condensation are physical changes. (C)
To prove that the reaction of marble with acid is a chemical change. (C)
To show that sunlight is essential for photosynthesis. (B)
To introduce with the Phylum of Animal Kingdom. (B)

To show plane mirror produces lateral inversion. (P)
To learn the temperature scales and their interconversion.(P)
To prove that metals are good conductor (C)
To prove that oxygen and water vapour are necessary for rusting. (C)
To prove that sound is produced due to vibrations produced in a meium.(P)
To prove that repulsion is the surest test of magnetism. (P)