



**December Chapter :** The Open Window

**Poem :** To a butterfly

**Grammar** Direct and In direct speech

**January/ Chapter :** Galileo Galileo

**February**

**Grammar :** Syntheses of sentences

Writing  
Story writing  
Missing & error  
Jumbled sentences

## **Mathematics**

### **APRIL**

Exponents

1. What is an exponent ?
2. Which is base and which is power?
3. Powers with negative exponents.
4. Use of exponents to express small numbers in standard form.
- 5.

Square and Square roots.

1. Squares numbers
2. Properties of perfect squares
3. Finding square roots.
4. To find square of a number
5. Square roots of decimals
6. Estimating square roots.

**MAY** Cubes and Cube Roots

1. Perfect cubes or cube numbers.
2. Properties of cubes of numbers.
3. Cube root

## **JULY**

### Unit 3

#### Understanding Quadrilaterals

1. Polygons: Types , diagonals and angle sum property
2. Sum of exterior angles of polygon
3. Kinds of quadrilaterals – Trapezium

Kite

Parallelogram – Properties , angles, diagonals of parallelograms

Some special parallelograms – Rhombus

Rectangle

Square

Properties of Rhombus, Rectangle and Square

### Unit 4

#### Practical Geometry

To construct Quadrilaterals when:-

1. four sides and one diagonal are given
2. three sides and two diagonals are given
3. two adjacent sides and three angles are given
4. three sides and two included angles are given
5. construction of special quadrilaterals

## **AUGUST**

### Unit 13

#### Direct and Inverse proportions

1. Direct proportion
2. Inverse proportion

## **SEPTEMBER**

### Rational Numbers

1. What are rational numbers ?
2. Closure property for all applications.
3. To learn the properties of rational numbers
4. Associativity for all rational numbers.

5. The role of Zero
6. Additive inverse and multiplicative inverse
7. Distributivity of multiplication over addition for rational numbers.
8. Representation of rational numbers on the number line.

## **OCTOBER**

### **Introduction to graphs**

1. To present a data in a graphical form
2. To compare different categories using a bar graph
3. How to compose parts of a whole or percentage using pie graph
4. How to read a histogram and infer from it.
5. Representing qualities over a period of time using line graph.
6. What is a linear graph?
7. Locating a point in a graph sheet.
8. Co ordination of a point
9. How to express direct variation and inverse variation through a graph.

### **Linear Equations in one variable**

1. Equations with highest power as one
2. Non – linear equations
3. How to find the solution of an equation
4. Finding solutions for equations which have linear expressions on one side and numbers on the other side.
5. Applications – puzzles
6. Solving equations having the variable on both sides
7. Solving the given problems by framing suitable and right equations
8. Solving equations having the variable on both sides.
9. Application – word problems
10. Reducing equations to simpler form
11. Utility of linear equations in solving problems on number , ages, perimeters etc

## **NOVEMBER**

### **Algebraic Expressions and Identities**

1. What are expressions ?
2. Representing expressions on number line.
3. Term, factors and co – efficient
4. Monomial, binomial and coefficient.
5. Like and Unlike terms
6. Addition and Subtraction of Algebraic expressions

7. Multiplying a monomial by a monomial.
8. Multiplying of algebraic expression.
9. Multiplying a monomial by a binomial and by a trinomial.
10. How to multiply a binomial by a binomial and by a trinomial.
11. What is an identity ?
12. What are standard identities ?
13. Applying identities to multiply polynomials .
14. How to find out squares and products of algebraic expressions.

### **Factorisation**

1. Factors of natural numbers.
2. Factors of algebraic expressions
3. Factorization – method of common factors.
4. Factorization by regrouping terms
5. Factorization using identities.
6. Factors of the form  $(x + a) (x + b)$
7. Division of a polynomial by a monomial
8. Division of a polynomial by a monomial.
9. Division of algebraic expressions.

### **DECEMBER**

Mensuration

Area of a trapezium

Area of a general quadrilateral

Area of polygon

Solid shapes

Surface area of cube, cuboid, cylinder

Volume of cube, cuboid, cylinder

### **JAN / FEB**

Data Handling / comparing quantities

A pictograph , bar graph, double bar graph , organizing data, grouping data.

Circle graph or pie chart

Chance and probability

Ration and percentages  
 Finding the increase or decrease percent  
 Prices related to buying and selling  
 Sales tax/ Value added tax.

**Phy/Chem**

<b>Month</b>	<b>Concepts</b>	<b>Objectives</b>
<b><u>APRIL</u></b>	<p>Speed</p> <p>Force</p> <p>Motion</p> <p>Thrust</p> <p>Pressure</p> <p>Activities and project work</p>	<p>What does distance moved in unit time indicate?</p> <p>What is force ?</p> <p>When do we say that a force is in action?</p> <p>Define force</p> <p>How many objects are involved?</p> <p>What is the magnitude of force?</p> <p>What is its direction?</p> <p>What happens when a force acts on object?</p> <p>When do we say an object is in motion? When is it at rest?</p> <p>What are contact forces?</p> <p>What are non- contact forces?</p> <p>What is the force acting on a unit area?</p> <p>Does liquid have pressure?</p> <p>Does air have pressure?</p> <p>What is atmospheric pressure?</p> <p>To prove that two objects are involved when a force is applied.</p> <p>To prove the pressure exerted by liquids.</p> <p>To prove that air exerts pressure.</p>
<b><u>May</u></b>	<p>Particles of atom</p> <p>Structure of an atom</p> <p>Electronic configuration of</p>	<p>Name particulars of an atom</p> <p>Describe stable of an atom.</p> <p>Express metals &amp; non – metals in ters of electronic configuration</p>

	<p>metals and non – metals</p> <p>Valency of metals and non- metals</p> <p>Symbols of metals</p>	<p>Write the valency of metals &amp; non- metals</p> <p>Identify symbols and interpret elements</p> <p>Derive the formula</p>
<b><u>JULY</u></b>	<p>Friction :- A force of friction, factors affecting friction</p> <p>Friction – a necessary evil</p> <p>Increasing and reducing friction</p> <p>fluid friction</p>	<p>Examine and interpret by an activity using a book, cardboard. Demonstrating the factors by taking various situations from life.</p> <p>Discuss and evaluate the disadvantages of friction in daily life situations</p> <p>Discuss on various methods of increasing and decreasing friction</p> <p>Explain and then identify the pressure in fluids.</p>
<b><u>AUGUST</u></b>	<p>Materials</p> <p>Metals and Non Metals</p> <p>Reaction with oxygen</p>	<p>How do different substances appear ? What are the physical properties of metals ?</p> <p>What are the chemical properties of non – metals ? What are the physical properties of non – metals ? What are the chemical properties of metals? Distinguish between metals and non metals</p> <p>How does a metal react with oxygen ? What is the nature of products? To learn the chemical reaction , nature</p>

	<p>Displacement reactions</p> <p>Activities</p> <p>Project work</p> <p>***** on metals and non – metals</p>	<p>of products when metals and non – metals react with water , acids and bases.</p> <p>What are displacement reaction? Which metals is more active than the other?</p> <p>Why do one metal displaces another from its respective salt?</p> <p>Students will observe the chemical reactions and will be distinguish between metals and non – metals by themselves.</p> <p>Students should make a questioner about metals and non – metals</p>
<p><b><u>SEPTEMBER</u></b></p>	<p>Lightning</p> <p>Charges</p> <p>To charge a body?</p> <p>Precautions</p> <p>Earthquake</p>	<p>Why does lighting occur? What are charges? What are charged bodies? How does a body develop charge on a body ? What are the types of charges? What is an electricdischarge ? What are the properties of charges?</p> <p>How can we charge a body ? What are the methods of transferring charges? What are the preventive measures to be taken to remain safe during lightning? How can you protect the buildings from lightning? What is an earthquake ? What are the causes of earthquake? Can we measure the magnitude of earth quake? What is seismograph ?</p>

		What are the modern building technologies for quake safe? What are the steps to be taken to protect yself if an earthquake strikes?
<b><u>OCTOBER</u></b>	<p>Define combustion. Conditions for combustion. Define Ignition temperature. Ways to control fire. Types of combustion What is the structure of a candle flame? Different types of fuels , fules differ in efficiency, cost</p> <p>Effect of burning fuels on environment</p>	<p>Ain combustion Investigate conditions under which combustion takes place. Collect and analyze examples from daily life situations. Observe and identify ways to control fire. Describe types of combustion Understand and draw the structure of a candle flame. Collect information from daily life situation and justify the uses of fuels. Compare gaseous and liquid effects of burning fuels.</p>
<b><u>NOVEMBER</u></b>	<p>Sound</p> <p>How is sound formed? Sound produced by humans.</p> <p>Sound needs a medium fro propagation, amplitute, time-period and frequency.</p> <p>Audible and inaudible, noise and music, noise pollution,</p>	<p>Perform an activity using rubber band and pencil box to show how sound is produced?</p> <p>Discuss sand explain the organ in human which produce sound.</p> <p>Perform activity to demonstrate the concept and then discuss the characteristics of sound.</p> <p>To differentiate between noise and music. Identify various sources of noise. Thinking of measures to minimize noise and its hazards.</p>

	measures to limit noise pollution.	
<b><u>DECEMBER</u></b>	<p>Conductors and insulators</p> <p>Conduction of electricity in solids and liquids</p> <p>Effect of current on conducting substance</p> <p>Electrolysis, electrolyte</p> <p>Importance of electroplating</p> <p>Advantages of electroplating.</p>	<p>Differentiate between conductors and insulators.</p> <p>Examine the conduction by analyzing the nature of liquid , solid.</p> <p>Record the effect</p> <p>a) bubble the effect</p> <p>b) deposits of metals on electrodes change in color of solution</p> <p>Analyze and interpret electrolysis , to understand electroplating.</p> <p>Apply electrolysis in electroplating.</p> <p>Identify uses and advantages of electroplating.</p>
<b><u>JANUARY</u></b>	<p>Light :- Laws of reflection</p> <p>Regular and diffused reflection</p> <p>Reflected light can be reflected again, multiple images, kaleidoscope.</p> <p>Sunlight- dispersion of light</p> <p>Structure of eye , care of the eyes,</p>	<p>Comprehends and express the law</p> <p>Identify and relate to the life situations</p> <p>Observing multiple images formed by mirrors places at angle to each other</p> <p>Making a Kaleidoscope</p> <p>Observing spectrum obtained on a wall using a plane – mirror inclined at an angle of 45</p> <p>Description of case histories of visually challenged people, activities with Braelle sheet.</p>

visually  
challenged  
persons, Braille  
system.

**BIOLOGY**

<b>Month</b>	<b>Chapter</b>	<b>Topics</b>
<b><u>APRIL</u></b>	<b>Crop Production and Management</b>	<p>Agricultural practices.</p> <ul style="list-style-type: none"> <li>- Kharif crops. Rabi crops.</li> <li>- - Basic practices of crop production .</li> <li>- Prepration of soil.</li> <li>- Agricultural implements               <ul style="list-style-type: none"> <li>(i) Plough (ii) Hoe (iii) cultivator</li> </ul> </li> </ul> <p>Sowing Activity to sort out good seeds and bad seeds Selection of seeds Traditional tools Seed drill</p> <p>Adding manure and fertilizers</p> <ul style="list-style-type: none"> <li>- Activity to show growing seedlings with maure and fertilizer.</li> <li>- Advantages of manure.</li> </ul> <p>Irrigation</p> <ul style="list-style-type: none"> <li>- Sources of irrigation</li> <li>- Traditional methods               <ul style="list-style-type: none"> <li>(i) Moat</li> <li>(ii) Chain pump</li> <li>(iii) Dhekli</li> <li>(iv) Rahat</li> </ul> </li> <li>- Modern methods               <ul style="list-style-type: none"> <li>(i) Sprinkler system</li> <li>(ii) Drip system</li> </ul> </li> <li>- Protection from weeds</li> </ul> <p>Harvesting Storage</p>
<b><u>MAY</u></b>	<b>Cell structure and Functions</b>	<p>Organisms show Variety in cell number Shape and size – egs. Cell structure and functions Parts of the cell</p> <ul style="list-style-type: none"> <li>(i) Cell membrane</li> <li>(ii) Cell wall</li> <li>(iii) Cytoplasm</li> <li>(iv) Nucleus</li> <li>(v) Vacuole</li> <li>(vi) Plastids</li> </ul> <p>Comparison between plant and animal cell</p>

		- Diagrams showing the differences
<b><u>JULY</u></b>	<b>Micro organisms Friends and Foe</b>	<p>Different micro – organisms Where do micro – organisms live? Friendly micro – organisms.</p> <ul style="list-style-type: none"> <li>- Making of curd and bread</li> <li>- Medicinal uses</li> <li>- Vaccine</li> <li>- Increasing soil fertility</li> </ul> <p>Harmful micro – organisms</p> <ul style="list-style-type: none"> <li>- Disease causing micro – organisms in humans.</li> <li>- Disease causing micro – organisms in animals.</li> <li>- Disease causing micro – organisms in plants.</li> </ul> <p>Food Poisoning. Food preservation</p> <ul style="list-style-type: none"> <li>- Chemical method</li> <li>- Using common salt</li> <li>- Using sugar</li> <li>- Using oil and vinegar</li> <li>- Heat and cold treatments.</li> <li>- Storage and packing</li> </ul> <p>Nitrogen fixation Nitrogen cycle</p>
<b><u>August</u></b>	<b>Synthetic fabrics and plastics</b>	<p>Fibres</p> <ul style="list-style-type: none"> <li>- Natural, synthetic</li> </ul> <p>Synthetic fibres</p> <ul style="list-style-type: none"> <li>- Rayon, Nylon, Polyester, Acrylic.</li> </ul> <p>Characteristics of synthetic fibres</p> <p>Plastics</p> <ul style="list-style-type: none"> <li>- Characters: <ul style="list-style-type: none"> <li>(i) Non reactive</li> <li>(ii) Light, strong and durable.</li> <li>(iii) Poor conductors</li> </ul> </li> </ul> <p>Plastic and the environment</p>
<b><u>OCTOBER</u></b>	<b>Reproduction in animals</b>	<p><b>Modes of reproduction</b></p> <ul style="list-style-type: none"> <li>- Sexual and Asexual</li> </ul> <p>Sexual Reproduction</p> <ul style="list-style-type: none"> <li>- Male and Female reproductive organs</li> <li>- Labeled diagram</li> <li>- Fertilization : external , internal with eggs.</li> </ul> <p>Development of Embryo</p> <ul style="list-style-type: none"> <li>- diagram</li> </ul> <p>Viviparous and Oviparous animals Metamorphosis Asexual Reproduction</p> <ul style="list-style-type: none"> <li>- Budding</li> </ul> <p>Binary Fission – with diagrams</p>

<p><b><u>NOVEMBER</u></b></p>	<p><b>Reaching the age of Adolescence</b></p>	<p>Adolescence and puberty  Changes at Puberty</p> <ul style="list-style-type: none"> <li>- Increase in height, body shape changes, Voice changes, in activity of sweat and sebaceous glands, Development of sex</li> </ul> <p>Reaching mental, intellectual and emotional maturity</p> <p>Secondary sexual characters</p> <p>Role of hormones in initiating reproductive function.</p> <p>Reproductive phase of life in humans.</p> <p>Determination of the sex of the baby.</p> <p>Hormones other than sex hormones.</p> <p>Role of hormones in completing the life history of insects and fr</p> <p>Reproductive Health</p> <ul style="list-style-type: none"> <li>- Nutritional needs of the adolescents.</li> <li>- Personal hygiene</li> <li>- Physical exercise</li> <li>- Say “ No “ to drugs.</li> </ul>
<p><b><u>DECEMBER</u></b></p>	<p><b>Coal and Petroleum</b></p>	<p>Inexhaustible and Exhaustible Natural Resources</p> <p>Coal</p> <ul style="list-style-type: none"> <li>- Products formed from coal <ul style="list-style-type: none"> <li>(i) Coke</li> <li>(ii) Coal tar</li> <li>(iii) Coal gas</li> </ul> </li> </ul> <p>Petroleum</p> <ul style="list-style-type: none"> <li>- Refining of petroleum</li> </ul> <p>Natural gas</p> <p>Limited natural resources</p>



		<p>Evaluate how trade led to battles.</p> <p>Describe the events of battle of Plassey and its result. Comprehend the meaning of Subsidiary alliance. Evaluate the reason behind the war between Tipu Sultan and British.</p> <p>Analyze the British policy of Paramount and doctrine to lapse.</p> <p>Describe the setting up of new administration under Warrn Hasting .</p> <p>Evaluate the changes in company army.</p>
<b><u>MAY</u></b>	Ruling the country side.	<p>Analyze the aims behind the company becoming of Bengal and its result.</p> <p>Evaluate the problems associated with permanent settlement policy of the British. Explain the Mahabari system and system.</p> <p>Realize the problems of Indian farmers growing Indigo.</p> <p>Appreciate the Blue rebellion</p>
<b><u>JULY</u></b>	<b>Tribal and dikur</b>	<p>Analyse the effect of colonial rule on tribal like</p> <p>Evaluate the forest laws on life of tribals and trader.</p>
<b><u>AUGUST</u></b>	<b>The Rebilion of 1857 and after</b>	<p>Analyse the reasons why Nawabs lost their power .</p> <p>Realize the difficulties of peasants</p>

		<p>and sepoye</p> <p>Evaluate why mutiny became popular</p> <p>Discuss the spread of rebellion</p> <p>Evaluate the result of Mutiny.</p>
<b><u>SEPTEMBER</u></b>	<b>Cities under colonial rule.</b>	<p>Explain what happened to the colonial cities.</p> <p>Evaluate the establishment of New Delhi</p> <p>Realize the problem faced by people during partition.</p> <p>Explain the role of municipalities in planning and decline of Havelis .</p>
<b><u>OCTOBER</u></b>	<b>Educating the Nation</b>	<p>Analyse the importance of education and British system of education.</p> <p>Value the scientific and technical knowledge imparted by British.</p> <p>Compare and contrast the Orientalist approach and British approach.</p> <p>Explain the aim of education for commerce.</p> <p>Evaluate the report of William Adam on changes in local schools.</p> <p>Realise how English education had enslaved us.</p>

	Working towards change in position of Women and Reforms in caste system.	<p>Analyse the agenda of National education as given by Tagore and Mahatma Gandhi.</p> <p>Analysing the role of Raja Rammohan Roy and Swami Dayanand Saraswati in initiating changes in caste system.</p> <p>Value the respect given to widows Respect the education of girl child and women writing about women.</p> <p>Describe the caste and social reforms</p> <p>Evaluate the demands for equality and justice by Dr. Ambedekar.</p>
<b><u>NOVEMBER</u></b> .....	<b>The changing world of visual arts</b>	<p>Evaluate the portrait painting and landscape pictures.</p> <p>Describe what happened to the court artist Appreciate and value the new popular form of Indian Art Realize the importance of national art</p>
<b><u>DECEMBER</u></b>	<b>The Making of National Movement</b>	<p>Evaluate the emergence of Nationalism and Sovereign state. Analyze the aim behind 'Freedom is our birthright'.</p> <p>Describe and explain the growth of mass Nationalism by Mahatma Gandhi .</p> <p>Value and respect the sacrifice of freedom fighters .</p> <p>Evaluate the elections to provinces in 1946.</p>
<b><u>JANUARY</u></b>	<b>India after</b>	Realise the difficulties of Muslims

	<b>independence</b>	<p>and Indians during partition. Value and respect the Written Constitution. Explain the role of constituent assembly.</p> <p>Evaluate the formation of states.</p> <p>Mark the pre-pensionary states and other states On the outline map of India.</p>
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### SOCIAL AND POLITICAL LIFE ( CIVICS)

<b>Month</b>	<b>Concepts</b>	<b>Objectives</b>
<b><u>APRIL</u></b>	The Indian Constitution	<p>Analyze the need of constitution in a democratic country. Evaluate the key features of Indian Constitution. Value and respect the constitution.</p>
<b><u>MAY</u></b>	Understanding Secularism	<p>Evaluate the separation of religion from the state. Describe the features of Indian Secularism</p> <p>Realize the importance of Secularism in India.</p>
<b><u>July</u></b>	The Making of laws	Analyze the reasons for people taking decisions.

		<p>Explain the formation and functions of parliament.</p> <p>Evaluate the functions of parliament.</p> <p>Value the right to choose given people.</p>
<b><u>August</u></b>	Understanding Laws	<p>Analyze the role of Indians in the rule of law during colonial period.</p> <p>Describe the process of law formation.</p> <p>Evaluate the consequences of unpopular or controversial laws.</p>
<b><u>SEPTEMBER</u></b>	The Judiciary	<p>Evaluate the role of Judiciary. Explain independent Judiciary.</p> <p>Describe the structure of courts in India.</p> <p>Compare and contrast Criminal law.</p> <p>Evaluate the problems of access to courts.</p> <p>Realize the difficulties in the whole process of justice.</p>
<b><u>OCTOBER</u></b>	Understanding our Criminal justice system.	<p>Analyze the role of police in investigating the crime.</p> <p>Evaluate the role of public prosecutor judge.</p> <p>Realize the importance of fair trial.</p>

<b><u>NOVEMBER</u></b>	Understanding Marginalisation	<p>Realize the difficulties faced by Adivaris and their development.</p> <p>Analyze the provision in constitution for minorities.</p> <p>Evaluate muslim as a marginalized community.</p>
<b><u>DECEMBER</u></b>	Confronting Marginalization	<p>Analyze the laws made for marginalization</p> <p>Respect the polices of promoting social justice and rights of</p> <p>Evaluate the SC and ST prevention of act 1989.</p>
<b><u>JANUARY</u></b>	Economic presence of the government	<p>Analyze the role of government in providing public facilities</p> <p>Value the provision provided by the government for our welfare.</p> <p>Evaluate the facilities in Chennai</p>

### Geography

<b>Month</b>	<b>Concepts</b>	<b>Objectives</b>
<b><u>APRIL</u></b>	Resources	<p>Classify the resources on the basis of origin, renewability and development .</p> <p>Distinguish between biotic and non biotic resources, renewable and non – renewable.</p> <p>Recognizing the value of human resources for a country.</p> <p>Collect and paste pictures of various resources in the scrap file.</p> <p>Reherassing the conservation of</p>

		resources through practice.
<b><u>MAY/</u></b> <b><u>July</u></b>	Land , Soil, Water, Natural Vegetation and Wild life Resources.	State the factors that determine land use. How to conserve land resource. How to conserve land resource Prepare soil profile. Factors of soil formation. State the reason for degradation of soil and rehearse the conservation of land resources. Understand water as a resource Describe the problems of water availability. How to conserve water resources. State the features influencing the growth of natural vegetation. Name the types of natural vegetation. Define biosphere and ecosystem. Determine the steps to conserve wildlife.
<b><u>JULY &amp;</u></b> <b><u>AUGUST</u></b>	Mineral Resources	Define metallic and non- metallic minerals  Identify the types of mining.  Write a brief account on mineral resources of world.  Distinguish between conventional and conventional resources.
<b><u>SEPTEMBER</u></b>	Agriculture	Define the types of farming.  List the geographical requirement fro the growth of major crops. Compare the agricultural development in India and U.S.A.
	Industries	How can the industries be classified.  Identify the factors affecting location of

		<p>Industries.</p> <p>What is Industrial disaster.</p> <p>Suggest Risk reduction.</p> <p><b>Measures:-</b></p> <p>Distributions of Major Industries.</p> <p>Compare the Industries of India , America and Japan .</p> <p>What do you know about Information Technology.</p>
<b><u>DECEMBER</u></b>	Human Resources	<p>What do you mean by Human resource</p> <p>State the factors affecting distribution of population.</p> <p>What is population composition</p>
<b><u>JANUARY</u></b>		Revision

### COMPUTER SCIENCE

Month	Topic
<b>April / May</b>	<p><b>Operating System</b> Introduction to software, Operating system, Types of operating system, Functions of an operating system, Popular operating systems.</p> <p><b>Computer Viruses</b> Meaning, Types of viruses, Worms and Trojan Horses, Effects of viruses, Precautions to protect the system, Anti virus software.</p>
<b>July / August</b>	<p><b>Visual Basic</b> Introduction to Controls, Events, Properties, PRINT statement, Different controls – Text box, Label box, Command Button, etc. , If – Then – Else statement.</p>

<b>August / September</b>	<b>Multimedia</b> Meaning, Hardware requirements, Multimedia presentation, Applications, Designing a multimedia presentation.
<b>October</b>	<b>Visual Basic</b> For – Next loop, Creating applications using For – Next loop.
<b>November</b>	<b>Managing Databases – Access 2000</b> Meaning of database, Advantages of a database, Components of a database, Starting Access, Table structure, Creating a table, Saving and printing the table.
<b>December</b>	<b>Computer Networking</b> Meaning, Terminology of networks, Types of networks, Networking components, Topology, Communication channels.
<b>January</b>	<b>E – Commerce</b> Meaning of commerce, Its elements, Elements of E – Commerce, Meaning of E- Commerce, Advantages of E – Commerce.
<b>February</b>	<b>Revision</b>

### GENERAL KNOWLEDGE

Month	Topic
April	Chp 1,2,3,4,5,6,7
May	Chp 8,9,10,11,12
July	Chp 13,14, 15,16,17,18
August	Chp 19, 20, 21, 22, 23.
September	Chp 24, 25, 26, 27
October	Chp 28, 29, 30 , 31
November	Chp 32, 33, 34, 35, 36, 37, 38
December	Chp 39, 40, 41, 42, 43, 44
January	Chp 45, 46, 47, 48, 49, 50.

February Chp 51, 52, 53