



**DEEP PUBLIC SCHOOL**

Your Child's future is Our Priority !!

**ANNUAL**

**CURRICULUM**

**CLASS-VIII**



# ANNUAL CURRICULUM PLAN

## CLASS - VIII

### SUBJECT: SOCIAL SCIENCE

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#### Months: April - May

<b><u>Content</u></b>	<b><u>Learning Objectives</u></b>	<b><u>Activities</u></b>
<b>GEOGRAPHY</b>		
Chapter 1: Resources	<ul style="list-style-type: none"> <li>● Identify different types of resources and their importance.</li> </ul>	<ul style="list-style-type: none"> <li>● Resource classification chart.</li> </ul>
<b>HISTORY</b>		
Chapter 1: The Modern Period	<ul style="list-style-type: none"> <li>● Understanding of what was modern period and historical event take place during this period</li> <li>● Understanding of how britisher took control over India through trading system</li> </ul>	<ul style="list-style-type: none"> <li>● Map activity: Identify regions of historical importance</li> <li>● Summer Vacation holiday home on East India company</li> </ul>
Chapter 2: The Expansion of British Power		
<b>SOCIAL AND POLITICAL LIFE</b>		
Chapter 1: The Constitution and Need for Laws	<ul style="list-style-type: none"> <li>● Know the key features of the Constitution and its significance.</li> </ul>	<ul style="list-style-type: none"> <li>● Group discussion on fundamental rights and duties.</li> </ul>

#### Months: July - August

<b><u>Content</u></b>	<b><u>Learning Objectives</u></b>	<b><u>Activities</u></b>
<b>GEOGRAPHY</b>		
Chapter 2: Land , Soil and Water	<ul style="list-style-type: none"> <li>● Explore uses and conservation of natural resources</li> <li>● Understanding of wildlife and natural vegetation</li> </ul>	<ul style="list-style-type: none"> <li>● Poster-making on conservation practices</li> <li>● Research on different type of wildlife.</li> </ul>
Chapter 3 : Natural Vegetation and Wildlife		

<b>HISTORY</b>		
Chapter 3: Life in the Rural Areas	<ul style="list-style-type: none"> <li>● Understand colonial agrarian policies.</li> </ul>	<ul style="list-style-type: none"> <li>● Comparative table on Zamindari vs. Ryotwari systems</li> </ul>
Chapter 4: Tribal Communities	<ul style="list-style-type: none"> <li>● Learn about tribal life and resistance movements</li> </ul>	<ul style="list-style-type: none"> <li>● Role-play on tribal leaders and reformers.</li> </ul>
<b>SOCIAL AND POLITICAL LIFE</b>		
Chapter 2 :Ideals of Our Constitution	<ul style="list-style-type: none"> <li>● Understand what a constitution is and why is it important for the country</li> </ul>	<ul style="list-style-type: none"> <li>● Preamble art poster</li> </ul>
Chapter 3: The Parliamentary System	<ul style="list-style-type: none"> <li>● Understanding of how parliament works</li> </ul>	<ul style="list-style-type: none"> <li>● Make flow chart</li> </ul>

### Months: September - October

<b><u>Content</u></b>	<b><u>Learning Objectives</u></b>	<b><u>Activities</u></b>
<b>GEOGRAPHY</b>		
Chapter 4: Agriculture	<ul style="list-style-type: none"> <li>● Study types of farming and major crops in India.</li> </ul>	<ul style="list-style-type: none"> <li>● Crop distribution map of India.</li> </ul>
<b>HISTORY</b>		
Chapter 5: The Great Uprising	<ul style="list-style-type: none"> <li>● Analyze the causes and consequences of the 1857 Revolt.</li> </ul>	<ul style="list-style-type: none"> <li>● Group project on leaders of 1857</li> </ul>
Chapter 6: Education and British Rule	<ul style="list-style-type: none"> <li>● Differentiate between traditional Indian learning and western learning</li> </ul>	<ul style="list-style-type: none"> <li>● Reflect on the chapter and write which education policy was better and why.</li> </ul>
<b>SOCIAL AND POLITICAL LIFE</b>		
Chapter 4 : The Judiciary	<ul style="list-style-type: none"> <li>● Understand the structure and functioning of the judicial system.</li> </ul>	<ul style="list-style-type: none"> <li>● Courtroom simulation.</li> </ul>

Chapter 5: Marginalization and Social Justice	<ul style="list-style-type: none"> <li>● Learn about marginalized communities and their rights</li> </ul>	<ul style="list-style-type: none"> <li>● Group discussion on social inclusion</li> </ul>
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### Months: November - December

<b>Content</b>	<b>Learning Objectives</b>	<b>Activities</b>
<b>GEOGRAPHY</b>		
Chapter 5 : Major Crops and Agricultural Development	<ul style="list-style-type: none"> <li>● Understanding the different types of farming : subsistence, commercial, and plantation</li> </ul>	<ul style="list-style-type: none"> <li>● Interview a farmer or mark major crop producing region on an Indian map using color codes</li> </ul>
Chapter 6 : Industries	<ul style="list-style-type: none"> <li>● Learn about different types of industries and industrial regions.</li> </ul>	<ul style="list-style-type: none"> <li>● Collage on types of industries</li> </ul>
<b>HISTORY</b>		
Chapter 7 : Reforms in Indian Society	<ul style="list-style-type: none"> <li>● Understand the need for reforms in 19<sup>th</sup> - century Indian society.</li> </ul>	<ul style="list-style-type: none"> <li>● Role play of famous reformer.</li> </ul>
Chapter 8: The National First Movement	<ul style="list-style-type: none"> <li>● Understand the causes of the rise of nationalism in the late 19<sup>th</sup> century (economic, political, social)</li> </ul>	<ul style="list-style-type: none"> <li>● Slogan writing</li> </ul>
<b>SOCIAL AND POLITICAL LIFE</b>		
Chapter 6 : Untouchability -A social Evil	<ul style="list-style-type: none"> <li>● Analyze the harmful effects of untouchability on individual and society</li> </ul>	<ul style="list-style-type: none"> <li>● Read story a short story (eg Dr.B.R. Ambedkar's life or a Dalit Child's Experience ). Discuss in class.</li> </ul>

### Months: January - February

<b><u>Content</u></b>	<b><u>Learning Objectives</u></b>	<b><u>Activities</u></b>
<b>GEOGRAPHY</b>		
Chapter 7: Human Resources	● Understand population distribution and related factors	● Graph/chart on world population trends.
<b>HISTORY</b>		
Chapter 9: The National Movement -Second Phase	● Understand the major movement :Non-Cooperation Movement, Civil Disobedience, Quit India	● Leader Badge day (student will represent each leader and their contribution)
<b>SOCIAL AND POLITICAL LIFE</b>		
Chapter 7 : Government for development	● Recognize the various function of the government in sectors like education , health , infrastructure and agriculture .	● Make list of scheme initiated by government of India

### Months: March

<b><u>Content</u></b>	<b><u>Learning Objectives</u></b>	<b><u>Activities</u></b>
Full syllabus revision	Revise and strengthen concepts	Question banks, revision quizzes

**ANNUAL CURRICULUM PLAN**  
**CLASS - VIII**  
**SUBJECT: MATHS**

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**APRIL – MAY**

**NO. OF PERIODS: 38**

<b><u>Content</u></b>	<b><u>Learning Objectives</u></b>	<b><u>Activities</u></b>	<b><u>AREAS OF ASSESSMENT/ OBSERVATION</u></b>
<b>CH-1 Rational Number</b> <ul style="list-style-type: none"><li>● Rational numbers</li><li>● Equivalent rational numbers</li><li>● Irrational numbers</li><li>● Addition and their properties</li><li>● Subtraction and their properties</li><li>● Multiplication and their properties</li><li>● Division and their properties</li><li>● Finding rational numbers between two rational number</li><li>● Comparing and ordering</li></ul>	<ul style="list-style-type: none"><li>● To define and recognize rational number</li><li>● To analyse and apply properties of operations to add, subtract, multiply and divide rational numbers</li><li>● To represent rational number on a number line</li><li>● To find rational number between any two rational number</li></ul>	<ul style="list-style-type: none"><li>● To verify the commutative property of multiplication of rational number using paper and sketch pen</li></ul>	<ul style="list-style-type: none"><li>● Class test</li></ul>

<p><b>CH-2 Exponents</b></p> <ul style="list-style-type: none"> <li>● Exponent</li> <li>● Base</li> <li>● Powers</li> <li>● Reciprocals</li> <li>● Negative exponents</li> <li>● Expanded form</li> <li>● Laws of exponents</li> <li>● Simplification</li> <li>● Scientific or standard form</li> </ul>	<ul style="list-style-type: none"> <li>● To express a rational number in exponential form</li> <li>● To apply the laws exponents to negative integers</li> <li>● To apply the laws of indices to solve problem</li> <li>● To represent a decimal number in the expanded form using exponents.</li> <li>● To express very large and very small number in standard form</li> </ul>	<ul style="list-style-type: none"> <li>● To understand the concept of negative powers with the help of reciprocal using two disposable glasses, sketch pens, papers and pen</li> </ul>	<ul style="list-style-type: none"> <li>● Class test</li> </ul>
<p><b>CH – 3 Square and square roots</b></p> <ul style="list-style-type: none"> <li>● Square, perfect square</li> <li>● Finding perfect square numbers</li> <li>● Properties of square numbers</li> <li>● Some interesting pattern</li> <li>● Square roots</li> <li>● Estimating square roots</li> <li>● Pythagorean triplets</li> </ul>	<ul style="list-style-type: none"> <li>● To identify perfect square</li> <li>● To apply properties of square numbers</li> <li>● To determine square roots of numbers using factor and division method</li> <li>● To estimate the square roots of numbers</li> </ul>	<ul style="list-style-type: none"> <li>● To verify the square roots by activity method</li> </ul>	<ul style="list-style-type: none"> <li>● Class test</li> <li>● Quiz</li> </ul>

**JULY – AUGUST**

NO. OF PERIODS: 41

<b>CONTENT</b>	<b>LEARNING OBJECTIVES</b>	<b>ACTIVITIES &amp; RESOURCES</b>	<b>AREAS OF ASSESSMENT/ OBSERVATION</b>
<b>CH – 4 Cubes and Cube Roots</b> <ul style="list-style-type: none"><li>● Finding perfect cubes</li><li>● Properties of cube</li><li>● Cube roots</li></ul> Estimating cube roots	<ul style="list-style-type: none"><li>● To identify perfect cubes and understand the properties of cubes.</li><li>● To define cube roots and to determine cube roots of perfect cube by prime factorization and by estimation</li><li>● To estimate cube roots and to understand the properties of cubes and cube roots</li></ul>		
<b>CH-5 Playing with numbers</b> <ul style="list-style-type: none"><li>● Numbers in general form</li><li>● Reversing numbers</li><li>● Letters for digits</li><li>● Number puzzles and games</li><li>● Coding and decoding</li><li>● Number patterns</li><li>● Pascal's triangle</li><li>● Magic square</li><li>● Divisibility test</li></ul>	<ul style="list-style-type: none"><li>● To express two and three digit numbers in generalised form</li><li>● To use generalised form of numbers to explain the working of puzzles</li><li>● To understand the concept behind the test for divisibility of numbers by 2,3,5,9,10 and 11</li><li>● To solve cryptarithmic puzzles</li></ul>	<ul style="list-style-type: none"><li>● To make a code wheel and demonstrate the concepts of coding and code keys in physical way</li></ul>	<ul style="list-style-type: none"><li>● Quiz</li></ul>



<b>CH -6 Algebraic expression and identities</b> <ul style="list-style-type: none"> <li>• Additional and subtraction of algebraic expressions</li> <li>• Multiplication of algebraic expressions</li> <li>• Division of algebraic expression</li> <li>• Algebraic identities and their geometrical representation</li> <li>• Application of algebraic identities</li> </ul>	<ul style="list-style-type: none"> <li>• To add, subtract, multiply and divide polynomials</li> <li>• To use identities to find product and solve numerical problems.</li> <li>• To express an algebraic expression as a product of its factors</li> </ul>	<ul style="list-style-type: none"> <li>• To verify geometrically that <math>(a+b)(x+Y) = ax+bx+by</math>.</li> </ul>	<ul style="list-style-type: none"> <li>• Class test</li> </ul>
<b>CH-7 Factorisation</b> <ul style="list-style-type: none"> <li>• Prime factors</li> <li>• Prime factorization</li> <li>• Factors of monomials</li> <li>• Factorisation using common factors</li> <li>• Factorisation by regrouping</li> <li>• Factorisation using standard identities</li> <li>• Factorization by splitting the middle term <math>(ax^2 + bx + c)(x^2 + bx + c)</math></li> </ul> <p>Division using factorisation</p>	<ul style="list-style-type: none"> <li>• To factorise algebraic expressions by taking common factors, by regrouping terms, by using identities and by splitting the middle terms of a trinomial.</li> <li>• To divide a polynomial by another polynomial using factorisation</li> </ul>	<ul style="list-style-type: none"> <li>• To find the factors of the trinomials using algebraic tiles.</li> </ul>	<ul style="list-style-type: none"> <li>• Class test</li> </ul>

**CH-8 Linear equations in one variable**

- Linear equation in one variable
- Methods of solving linear equations
- Solving linear equation having variable in denominators
- Application of linear equation (forming and solving equations)

- To recognize linear equations in one variable and solve linear equations by transpositions
- To frame linear equations and solve real world problems.

- To verify that the solution of the equation remains same using any method.(Elimination and transposition)

- Class test

**CH-17 Probability**

- Experiment, random experiment
- Outcomes
- sample space
- Events, simple events
- Independent and dependent events
- Favourable and compound events
- Complementary events
- Probability of an event
- Zero probability
- Experimental and theoretical probability

- To define probability and to calculate probability for simple events

- To develop the concept of probability by using a dice.

- Class test

SEPTEMBER-OCTOBER

NO. OF PERIODS: 40

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<p><b><u>CH -9 Percentage and its applications</u></b></p> <ul style="list-style-type: none"><li>● Percentage</li><li>● Percentage of a quantity of a number</li><li>● Percentage increase and decrease</li><li>● Profit and loss</li><li>● Overhead expenses</li><li>● Discount</li><li>● Successive discount</li><li>● Taxes, income tax</li><li>● Goods and service tax (GST)</li></ul> <p><b><u>CH-10 Simple and compound interest</u></b></p> <ul style="list-style-type: none"><li>● Simple and compound interest</li><li>● Difference between SI and CI</li><li>● Formula for CI</li><li>● Rate of interest compounded annually</li><li>● half</li></ul>	<ul style="list-style-type: none"><li>● To apply percentage to compare quantities</li><li>● To solve problems involving overhead expenses and profit and loss.</li><li>● To calculate discounts, sales tax and value added tax</li><li>● To understand the difference between the simple interest and compound interest.</li><li>● To calculate simple interest and compound interest when time given in</li></ul>	<ul style="list-style-type: none"><li>● To strengthen the concept of percentage increase and decrease of a quantity</li><li>● To compare the amount calculated by the simple interest and compound</li></ul>	<ul style="list-style-type: none"><li>● Class test</li><li>● Class test</li></ul>

yearly or quarterly <ul style="list-style-type: none"> <li>• Rate for successive conversion periods</li> <li>• When total time does not form complete number of conversion periods</li> <li>• To find principal, time and rate</li> <li>• Applications of CI (growth and depreciation)</li> </ul>	whole year or fraction of a year <ul style="list-style-type: none"> <li>• To calculate compound interest when interest is calculated annually , half yearly and quarterly</li> <li>• To calculate growth and depreciation</li> </ul>		
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**NOVEMBER-DECEMBER**

**NO. OF PERIODS: 44**

<b>CONTENT</b>	<b>LEARNING OBJECTIVES</b>	<b>ACTIVITIES &amp; RESOURCES</b>	<b>AREAS OF ASSESSMENT/ OBSERVATION</b>
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<p><b><u>CH-11 Direct and indirect variation</u></b></p> <ul style="list-style-type: none"> <li>• Variation</li> <li>• Direct variation</li> <li>• Indirect variation</li> <li>• Time and work</li> <li>• Time and distance</li> <li>• Miscellaneous problem</li> </ul>	<ul style="list-style-type: none"> <li>• To identify direct variation and inverse variation and solve problems based on it</li> <li>• To recognise the relationship between time and distance and between time and work</li> </ul>	<ul style="list-style-type: none"> <li>• To develop the concept of direct variation</li> </ul>	<ul style="list-style-type: none"> <li>• Class test</li> </ul>
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<p><b><u>CH-12 Understanding Quadrilaterals</u></b></p> <ul style="list-style-type: none"> <li>• Polygons and their diagonals</li> <li>• Angle sum properties of polygons</li> <li>• Quadrilateral and their parts</li> <li>• Angle sum properties of quadrilaterals</li> <li>• Types of quadrilateral with their properties</li> </ul>	<ul style="list-style-type: none"> <li>• To define a quadrilateral and find the sum of the angles of a quadrilateral.</li> <li>• To classify quadrilaterals</li> <li>• To learn about the properties of sides, angles and diagonals of trapezium, kite, parallelogram, rhombus, rectangle and square</li> <li>• To apply the properties of quadrilaterals to solve problems</li> </ul>	<ul style="list-style-type: none"> <li>• To verify the interior and exterior angle sum properties of quadrilaterals for different types of quadrilaterals</li> </ul>	<ul style="list-style-type: none"> <li>• Class test</li> </ul>
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**CH-13 Representing Solids on a paper**

- Views of 3 – D shapes ( front view, side view and top view)
- Nested solids ( identifying nested shapes)
- 2 – D representation of 3 – D objects using isometric drawing
- Polyhedrons
- Euler’s formula
- Nets of 3 – D shapes ( polyhedrons)
- Mapping around us

- To visualize 3 – dimensional shapes and draw different views of a solid and a nested solid
- To identify polyhedrons and state and verify Euler’s formula for various polyhedrons

- To build 3 – D shapes by using its top view, side vies and front view

- Class test

JANUARY- MARCH

NO. OF PERIODS: 36 +

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
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<p><b><u>CH-14 Area of polygons</u></b></p> <ul style="list-style-type: none"> <li>• Area of an equilateral triangle</li> <li>• Area of composite figures</li> <li>• Area of quadrilateral</li> <li>• Area of trapezium</li> <li>• Area of parallelogram</li> <li>• Area of rhombus</li> <li>• Area of polygons</li> <li>• Area of rectilinear figures</li> </ul>	<ul style="list-style-type: none"> <li>• To understand the concept of area</li> <li>• To find the area of polygons such as triangle, quadrilaterals</li> <li>• To find the area of regular and irregular polygons by dividing them in to smaller polygons</li> </ul>	<ul style="list-style-type: none"> <li>• To verify that the area of irregular polygons remains same even if they are divided into any plane shapes.</li> </ul>	<ul style="list-style-type: none"> <li>• Class test</li> </ul>
<p><b><u>Ch-15 Volume and surface area</u></b></p> <ul style="list-style-type: none"> <li>• Volume of a cuboid</li> <li>• Volume of a cube</li> <li>• Volume of a cylinder</li> <li>• Surface area of a cuboid</li> <li>• Surface area of a cube</li> <li>• Surface area of a cylinder</li> <li>• Applications</li> </ul>	<ul style="list-style-type: none"> <li>• To find the surface area of solids such as cubes, cuboids and cylinders</li> <li>• To find the volume of cubes, cuboids and cylinders</li> <li>• To differentiates between volume and</li> </ul>	<ul style="list-style-type: none"> <li>• To explore the concept of lateral surface area, total surface area and volume of a right circular cylinder</li> </ul>	<ul style="list-style-type: none"> <li>• Class test</li> </ul>

<p><b><u>CH-16 Data handling and graphs</u></b></p> <ul style="list-style-type: none"> <li>● <b><u>Data</u></b></li> <li>● Classification of data</li> <li>● Discrete and continues data</li> <li>● Arrayed data and range of data</li> <li>● Frequency distribution table</li> <li>● Grouped data</li> <li>● Grouped frequency distribution table</li> <li>● Forming classes</li> <li>● Single and double bar graphs</li> <li>● Histograms</li> <li>● Pie chart</li> </ul> <p>Graphs</p> <ul style="list-style-type: none"> <li>● Number plane</li> <li>● Cartesian coordinate system</li> <li>● Plotting and locating points</li> <li>● Special coordinates</li> <li>● Linear graphs</li> </ul>	<p>capacity; solve problems from everyday life situations</p> <ul style="list-style-type: none"> <li>● To understand data and its type</li> <li>● To group data and construct frequency distribution table</li> <li>● To interpret and construct bar graphs, histograms and pie chart</li> <li>● To learn about Cartesian plane quadrants, ordered pairs, sign convention in</li> </ul>	<ul style="list-style-type: none"> <li>● To construct a pie chart by chart paper to represent a survey result.</li> <li>● To verify if the graph of simple interest is a linear graph irrespective of the</li> </ul>	<ul style="list-style-type: none"> <li>● Class test</li> <li>● Class test</li> </ul>
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	<p>quadrants and plot points</p> <ul style="list-style-type: none"><li>● To interpret line graphs and construct them; apply linear graphs to solve problems.</li></ul>	<p>duration of deposit</p>	
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# ANNUAL CURRICULUM PLAN

## CLASS - VIII

### SUBJECT: SCIENCE

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#### Months: April - May

<b><u>Content</u></b>	<b><u>Learning Objectives</u></b>	<b><u>Activities</u></b>
Chapter 1: Crop Production	Understand agricultural practices; importance of crops	Soil testing activity, crop calendar
Chapter 2: Microorganisms	Understand types and roles of microorganisms	Bread mould activity, chart making

#### Months: July - August

<b><u>Content</u></b>	<b><u>Learning Objectives</u></b>	<b><u>Activities</u></b>
Chapter 3: Combustion and Flame	Learn combustion types; understand flame structure	Candle flame observation, fuel comparison
Chapter 4: Conservation of Plants and Animals	Understand need for conservation; biodiversity	Poster making, role play
Chapter 5: Coal and Petroleum	Identify natural resources; uses and conservation	Coal vs petroleum chart
Chapter 6: Reproduction in Animals	Understand types of reproduction	Frog lifecycle model, quiz

Chapter 7: Reaching the Age of Adolescence	Understand adolescence, puberty changes	Adolescence chart, health quiz
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### Months: September - October

<u>Content</u>	<u>Learning Objectives</u>	<u>Activities</u>
Chapter 8: Force and Pressure	Learn effects of force; types of pressure	Balloon pressure demo
Chapter 9: Friction	Understand friction; effects and applications	Friction race, lubricant test

### Months: November - December

<u>Content</u>	<u>Learning Objectives</u>	<u>Activities</u>
Chapter 10: Sound	Understand sound production and transmission	Tuning fork demo, decibel meter
Chapter 11: Some Natural Phenomena	Learn about lightning, earthquakes	Safety poster, chart making
Chapter 12: Chemical Effects of Electric Current	Understand electrolysis and chemical reactions	Electrolysis demo

### Months: January - February

<u>Content</u>	<u>Learning Objectives</u>	<u>Activities</u>
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Chapter 13: Reflection of Light	Understand reflection laws, mirror use	Mirror maze, ray box
Chapter 14: Refraction and Dispersion of Light	Learn bending of light, prisms	Glass prism demo, rainbow model

### Months: March

<b><u>Content</u></b>	<b><u>Learning Objectives</u></b>	<b><u>Activities</u></b>
Full syllabus revision	Revise and strengthen concepts	Question banks, revision quizzes

**ANNUAL CURRICULUM PLAN**  
**CLASS - VIII**  
**SUBJECT: SANSKRIT**

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**खंड 1: पाठ योजना**

माह	अध्याय सं.	अध्याय का नाम	मुख्य उद्देश्य / विषयवस्तु
अप्रैल	1	अपठितगद्यांशः	अपठित गद्य के माध्यम से समझ एवं अनुवाद कौशल
	2	सुभाषितानि	नीति श्लोक, नैतिक शिक्षा
मई	3	लालनगीतम्	वात्सल्य रस, कविता व भाव संप्रेषण
जुलाई	4	सदाचारः	नैतिकता व जीवन मूल्य
	5	जननी तुल्यवत्सला	मातृत्व, आदर्श माता
अगस्त	6	लघु कथा	सरल गद्यांश, कथावाचन
	7	छात्रः विदुषः च सन्देशः	अनुशासन, संदेश लेखन
सितम्बर	8	आत्मनिर्भरः बालकः	आत्मनिर्भरता, प्रेरणादायक पाठ
	9	गृहकार्य बोझः वा आभारः	गृहकार्य का दृष्टिकोण
अक्टूबर	10	वृक्षाः	पर्यावरण शिक्षा, वृक्षों का महत्व
	11	लोभः न कदापि शोभते	लोभ के दुष्परिणाम
नवम्बर	12	वीरः आर्जुनः	महाभारत प्रसंग, वीरता
	13	महती प्रेरणा	आत्मबल व प्रेरणा

दिसम्बर	14	जननी जन्मभूमिश्च	देशभक्ति, मातृभूमि प्रेम
जनवरी	15	एकं रूपं बहुविधं	विविधता में एकता का संदेश
फरवरी	—	पुनरावृत्ति (पाठ 1-15)	तैयारी हेतु संशोधन



**ANNUAL CURRICULUM PLAN**  
**CLASS - VIII**  
**SUBJECT: FRENCH**

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CONTENT	LEARNING OBJECTIVE	ACTIVITIES
La tour Eiffel	<ul style="list-style-type: none"><li>● Prononciation</li><li>● Les accents</li></ul>	Recognising French tourist sites and monuments in map.
En général, nous... Vivons la vie !!	<ul style="list-style-type: none"><li>● Rappels grammaticaux</li><li>● Les conjonction</li></ul>	Learning the use of grammar. Creating French conjugations.
C'est mon rêve	<ul style="list-style-type: none"><li>● Rappels grammaticaux</li><li>● Les expressions negatives</li><li>● Negation des verbes pronominaux</li></ul>	Learning different French expression through communication. Making new sentences

### July – September

Content	Learning objective	Activities
Bienvenue à Nice	<ul style="list-style-type: none"><li>● Les adverbes</li><li>● Les nombres cardinaux</li></ul>	Understanding the use of adverbs
La ville	<ul style="list-style-type: none"><li>● Les adverbes de lieu</li><li>● Les prépositions</li></ul>	Using adverbs of place and prepositions
L'ami du cambrioleur	<ul style="list-style-type: none"><li>● Le passe compose</li><li>● Le passe compose avec avoir</li><li>● Les participes passes irreguliers</li></ul>	Learning past tense formation.

### September- November

Content	Learning objective	Activities
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La nourriture	<ul style="list-style-type: none"> <li>● L'imparfait</li> <li>● (affirmatif, negatif, pronominal )</li> </ul> <p>La position des adverbs</p> <ul style="list-style-type: none"> <li>● La expression negatives au passe compose</li> </ul>	<p>New formation of past tense.</p> <p>Negative expression through communication</p>
Les moyens de transport	<ul style="list-style-type: none"> <li>● Les modes de transport</li> <li>● Passe compose avec être</li> <li>● Le passe compose des verbes pronominaux.</li> <li>● Verbes transitifs et intransitifs</li> </ul>	<p>Ways of transportation</p> <p>Past tenses</p> <p>Pronominal verbs</p> <p>Worksheet</p> <p>Practice</p>

November – January

Content	Learning objective	Activities
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<p>Qu'est-ce qui se passe</p>	<ul style="list-style-type: none"> <li>• Future proche</li> <li>• Passe récent</li> </ul>	<p><u>Introduction of future tense</u></p> <p>Recent past tenses</p> <p>Practicing from work book</p>
<p>La météo</p>	<ul style="list-style-type: none"> <li>• La future simple</li> <li>• Les expressions de temps</li> </ul>	<p>Simple future tenses</p> <p>Expression of weather</p> <p>Flash cards, Practicing from work book.</p>

**ANNUAL CURRICULUM PLAN**  
**CLASS - VIII**  
**SUBJECT: HINDI**

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पुस्तक : 1.नवीन संकल्प हिंदी पाठमाला -8

2. सचित्र हिंदी व्याकरण -8

3.पूरक पुस्तक -भारत की खोज

अप्रैल - मई

कार्य दिवस-49

पाठ / विषय	अधिगम के उद्देश्य	गतिविधियाँ / संसाधन
कविता-1-मंगल गीत पाठ-2- राजधर्म पाठ-3- मोमबत्ती : बुझी- जली ! व्याकरण- पाठ-1- भाषा , लिपि और व्याकरण पाठ-2-वर्ण विचार	1. बच्चों को कविता वाचन में दक्ष बनाना। 2. उनके हिंदी शब्द भंडार में वृद्धि करना । 3. कविता व पाठ के माध्यम से बच्चों में वीरता ,सहनशीलता ,न्यायप्रियता व विनम्रता जैसे मानवीय गुणों का विकास करना । 4. बच्चों की सोचने ,समझने की क्षमता को बढ़ाना।	1-कविता वाचन- बच्चों द्वारा किसी प्रार्थना गीत को कक्षा में लयपूर्वक गाना । 2-परिचर्चा- एक अच्छे नेता में कौन से गुण होना आवश्यक है ? 3-वाचन कौशल -अहिंसा परमो धर्म ,समय का सदुपयोग। 4- गतिविधि -संविधान द्वारा स्वीकृत भाषाओं के नाम

पाठ-3-संधि विलोम शब्द , पर्यायवाची शब्द <b>पूरक पुस्तक-भारत की खोज-</b> अध्याय-1अहमद नगर का किला	<b>5.</b> बच्चों को वर्ण व संधि के भेद बताना व उनका व्याकरणिक ज्ञान बढ़ाना ।  <b>6.</b> भारत के प्राचीन इतिहास से परिचित कराना ।	लिखिए ।  5- कार्य प्रपत्र- संधि विच्छेद करके संधि का नाम बताइए ।  6- पाठ्य पुस्तक , इंटरनेट व चित्रों का प्रयोग
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**जुलाई – अगस्त**

**कार्य दिवस-47**

पाठ / विषय	अधिगम के उद्देश्य	गतिविधियाँ / संसाधन
पाठ-4- बूढ़ी पृथ्वी का दुख पाठ-5-शांति पाठ-6- कैलेंडर कलाकार व्याकरण- पाठ-4- शब्द विचार	1. कविता के माध्यम से बच्चों को प्रकृति व पर्यावरण संरक्षण के लिए प्रेरित करना ।  2. उनके पठन ,श्रवण व लेखन कौशल का विकास करना ।  3. पाठ के माध्यम से बच्चों में संवेदनशीलता व मानवीय गुणों को जागृत करना व उन्हें अपने विचारों	1.परिचर्चा- बढ़ता प्रदूषण पर्यावरण के लिए किस प्रकार हानिकारक है ?  2.पोस्टर बनाना- पर्यावरण संरक्षण के लिए एक पोस्टर बनाइए तथा स्लोगन भी लिखिए ।  3. कोलाज बनाना – कुछ प्रमुख देशभक्तों के और नेताओं के चित्र एकत्रित करके उनसे एक कोलाज

पाठ-5- उपसर्ग और प्रत्यय	को भी व्यक्त करने में सक्षम बनाना ।	बनाइए ।
पाठ-6-समास	4. बच्चों को अपनी संस्कृति से परिचित कराना ।	4.शब्द निर्माण- उपसर्ग व प्रत्यय के प्रयोग से शब्द
अनेक शब्दों के लिए एक शब्द ,मुहावरे	5. बच्चों की सोचने की क्षमता का विकास करन	बनाइए ।
पत्र लेखन- औपचारिक पत्र		
अनुच्छेद लेखन		
पूरक पुस्तक -भारत की खोज-		
अध्याय-2-तलाश		
अध्याय-3-सिंधु घाटी की सभ्यता		
अध्याय-4-युगों का दौर		

सितंबर - अक्टूबर

कार्य दिवस -29

पाठ / विषय	अधिगम के उद्देश्य	गतिविधियाँ / संसाधन
पाठ-7- दो दिव्यांग विभूतियाँ पाठ-8- वर्षा ऋतु पाठ-9- पंच परमेश्वर व्याकरण- पाठ-8- संज्ञा पाठ-9- संज्ञा के विकारक तत्व –लिंग ,वचन ,कारक ,विज्ञापन लेखन भारत की खोज- अध्याय-5-नई समस्याएँ	1. पाठ के माध्यम से बच्चों के मन में दिव्यांगों के प्रति सम्मान व सहयोग की भावना भरना । 2. बच्चों को प्राकृतिक सुंदरता की अनुभूति कराना व विभिन्न ऋतुओं की जानकारी देना । 3. उन्हें न्याय प्रणाली के बारे में बताते हुए उनकी न्यायपालिका में आस्था बढ़ाना। 4. बच्चों को रचनात्मक लेखन में दक्ष बनाना व व्याकरणिक ज्ञान देना ।	1. किन्हीं दो दिव्यांगों के चित्र चिपकाकर उनकी सफलताओं के बारे में लिखिए । 2. वाद-विवाद- क्या न्यायपालिका न्याय करने में सक्षम है ? 3. कविता वाचन –प्राकृतिक सौंदर्य को दर्शाती कोई कविता कक्षा में सुनाना । 4. विज्ञापन लेखन –किन्हीं दो वस्तुओं के आकर्षक विज्ञापन तैयार कीजिए । 5. कार्य प्रपत्र – संज्ञा शब्दों को छाँटकर उनके भेद बताना ।



## कार्य दिवस-47

पाठ /विषय	अधिगम के उद्देश्य	गतिविधियाँ / संसाधन
पाठ-10-साए पाठ-11- यह कैसे होगा ? पाठ-12- जीवन दो दिन का व्याकरण- पाठ-10-सर्वनाम पाठ-11-विशेषण पाठ-12-क्रिया कहानी लेखन/ नारा लेखन भारत की खोज- अध्याय-6-अंतिम दौर – एक अध्याय-7-अंतिम दौर – दो	1. पाठ के माध्यम से बच्चों को सच्ची मित्र ता के बारे में बताना । 2. बच्चों को पाखंडों ,दिखावों व अंधविश्वास के नुकसानों के बारे में बताना । 3. बच्चों को कविता के माध्यम से कर्मशील बनने की प्रेरणा देना। 4. उनका व्याकरण ज्ञान बढ़ाना। 5. उन्हें रचनात्मक लेखन के लिए प्रेरित करना।	1. कार्ड बनाना –अपने मित्र के लिए एक सुंदर सा कार्ड बनाएँ और उसके लिए एक प्यारा सा संदेश लिखें । 2. वाचन कौशल- परिश्रम ही सफलता की कुंजी है। 3.नारा लेखन- स्वच्छता और जल संरक्षण का महत्व बताते हुआ कोई नारा लिखिए। 4. कहानी लेखन

जनवरी – मार्च

कार्य दिवस-40

पाठ /विषय	अधिगम के उद्देश्य	गतिविधियाँ / संसाधन
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<p>पाठ-13- गोभी का फूल</p> <p>पाठ-14-गौरा</p> <p>व्याकरण-</p> <p>पाठ-13-काल और वाच्य</p> <p>पाठ-14-अव्यय</p> <p>विलोम शब्द , पर्यायवाची शब्द ,अपठित गद्यांश</p> <p>पत्र लेखन –अनौपचारिक पत्र ,</p> <p>अनुच्छेद लेखन</p> <p>भारत की खोज-</p> <p>अध्याय-8-तनाव</p> <p>अध्याय-9-दो पृष्ठभूमियाँ – भारतीय और अंग्रेजी</p> <p>पुनरावृत्ति</p>	<ol style="list-style-type: none"> <li>1. बच्चों की हिंदी साहित्य में रुचि उत्पन्न करना ।</li> <li>2. उनके हिंदी शब्द भंडार में वृद्धि करना।</li> <li>3. उनके पठन , लेखन व श्रवण कौशल का विकास करना।</li> <li>4. पाठ के माध्यम से उनमें जानवरों के प्रति संवेदनशीलता व दया का भाव उत्पन्न करना ।</li> <li>5. उन्हें व्याकरणिक ज्ञान देना ।</li> </ol>	<ol style="list-style-type: none"> <li>1.परिचर्चा- जानवरों के प्रति हमारा व्यवहार कैसा होना चाहिए ?</li> <li>2. भारत के स्वतंत्रता आंदोलन में शामिल कुछ नेताओं की सूची बनाइए।</li> <li>3. वाक्य रचना- काल व वाच्य के भेदों के अनुसार वाक्य रचना करना ।</li> <li>4. अनौपचारिक पत्र लिखना।</li> <li>5- हास्य रस से भरे कुछ चुटकुले / कविता सुनाना ।</li> </ol>
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**BOOK:** 1) Celebrate Coursebook by Pearson (8)  
2) Celebrate Practice book (Workbook) (8)  
3) Tune in to Grammar (8)

CONTENT	LEARNING OBJECTIVES	ACTIVITIES
<p><b>Literature</b></p> <p><b>Unit 1 Art and Culture</b></p> <p>A. Dal Delight</p> <p>B. Styles of Indian Painting</p> <p>C. Wandering Singers</p>	<p><b>Students will be able to :</b></p> <ul style="list-style-type: none"> <li>Understand about the importance of culture and traditions</li> <li>Analyze characters and events.</li> <li>Develop kind and caring attitude towards the needy.</li> <li>Appreciate the poem and identify the rhyming scheme.</li> </ul>	<p><b>Activity :</b> Write about the famous Indian personalities who have contributed towards art and culture.</p> <p><b>Speaking Skills :</b> What role students can play in taking our culture and traditions forward.</p>
<p>Grammar</p> <p>The Sentence</p>	<ul style="list-style-type: none"> <li>Identify sequence of words in a sentence.</li> </ul> <p>Form sentences and differentiate its types.</p> <p>Transform sentences.</p>	<p><b>Quiz :</b> Identify the type of the Sentence.</p>

	Identify nouns and noun cases based on its position in a sentence.	Picture Composition-Write a few sentences based on the given picture
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## JULY - AUGUST

CONTENT	LEARNING OBJECTIVES	ACTIVITIES
<b>Literature</b> Unit 2 Self, Family and Home A. Role Reversal B. A Country Childhood Poem Letter from a Parent.	<ul style="list-style-type: none"> <li>To read and comprehend the story.</li> <li>To improve Vocabulary with the use of new words in the text.</li> <li>To be able to identify characters in the story.</li> <li>To be able to understand the poem and appreciate it.</li> </ul>	<b>Activity</b> : Finding about the life of poet Rabindranath Tagore.  <b>Role play</b> :Speaking Skills Narrate the most memorable incident of your life.

Nouns	<ul style="list-style-type: none"> <li>• To be able to find the rhyme scheme and use of poetic devices.</li> <li>• Identify nouns and noun cases based on its position in a sentence.</li> <li>• Differentiate between kinds of nouns( countable and Uncountable ), identify gender, plural forms</li> </ul>	<p><b>Activity</b> : Identify the types of nouns in the given picture.</p> <p>Draw/Paste countable and uncountable nouns.</p>
Capital letters and Punctuation	<ul style="list-style-type: none"> <li>• To be able to punctuate the given sentences or text.</li> </ul>	<p>Quiz : Identify the different kinds of pronouns.</p>
Pronouns	<ul style="list-style-type: none"> <li>• To be able to identify pronouns and its kinds</li> </ul>	<p>Activity : Describe your friend using as many adjectives as you can</p>
Adjectives	<ul style="list-style-type: none"> <li>• To be able to use different types of pronouns correctly in a sentence. Form adjectives using suffixes.</li> </ul>	<p>Paste an article from a newspaper and identify all the determiners used.</p>
Determiners	<ul style="list-style-type: none"> <li>• To be able to use correct indefinite numeral adjectives</li> </ul>	

Formal letter Writing	<p>and correct degree of adjective.</p> <ul style="list-style-type: none"> <li>Identify different types of determiners</li> <li>Differentiate formal and informal letters.</li> <li>Improving communication skills through letter writing.</li> <li>Use correct format while writing formal letter</li> </ul>	<p>Activity: Draw the book cover of any mystery book of Sir Arthur Conan Doyle.</p> <p>Activity : Write about the life and struggles of Arunima Sinha - the first female amputee to summit Everest.</p>
<p>Unit 3 Mystery and Adventure</p> <p>A. The Open Window</p> <p>B. Women of Courage - A Chronicle of Women Mountaineers.</p> <p>C. Fire and Ice</p>	<ul style="list-style-type: none"> <li>To read and comprehend the story.</li> <li>To improve Vocabulary with the use of new words in the text.</li> </ul>	
Grammar Adverbs	<ul style="list-style-type: none"> <li>To be able to identify adverbs and its types.</li> <li>To be able to write sentences using adverbs in the correct position</li> </ul>	<p>Quiz : Form sentences using the given adverbs.</p>





Simple and Continuous Tenses Perfect and Perfect Continuous Tenses	<ul style="list-style-type: none"> <li>• To be able to identify the three forms of tenses and their types</li> <li>• To differentiate one tense from another.</li> <li>• To be able to identify the tense of a given sentence.</li> </ul>	Activity : Write a story based on the given pictures.
Modals Non-Finite Verbs Transitive and Intransitive Verb	<ul style="list-style-type: none"> <li>• Use modals accurately</li> <li>• To be able to differentiate transitive from intransitive verbs.</li> </ul>	
Story Writing	<ul style="list-style-type: none"> <li>• To be able to write a story with proper sequence of events.</li> </ul>	

## NOVEMBER-DECEMBER

CONTENT	LEARNING OBJECTIVES	ACTIVITIES
<p>Literature Unit 5 Diversity and Inclusion A. Savitribai Phule- India's First Female Educator B.Mirakle Couriers C.As I grew older</p>	<ul style="list-style-type: none"> <li>To be able to read and understand the story .</li> <li>To be able to improve their vocabulary.</li> <li>To be able to appreciate the poem and identify the rhyme scheme</li> </ul>	<p><b>Activity</b> : Write in brief about the life ,struggles and achievements of any one famous woman personality. <b>Speaking Skills</b> -Facing inequalities in life.</p>
<p>Grammar Paragraph Writing</p>	<ul style="list-style-type: none"> <li>To be able to express their thoughts and write paragraphs on the given topics.</li> </ul>	<p><b>Activity</b>: Creative writing Role of AI in today's world.</p>
<p>Active and Passive Voice</p>	<ul style="list-style-type: none"> <li>To be able to differentiate active voice from passive voice.</li> <li>To be able to change active voice to passive voice and vice versa</li> </ul>	<p><b>Activity</b> : Describe the imaginary situation using passive voice</p>

Prepositions	<ul style="list-style-type: none"> <li>• To be able to use prepositions correctly.</li> </ul>	<b>Activity</b> : Draw / paste pictures to show different prepositions
Conjunctions	<ul style="list-style-type: none"> <li>• To be able to combine sentences using suitable conjunctions.</li> </ul>	
Direct and Indirect Speech	<ul style="list-style-type: none"> <li>• To be able to differentiate direct speech from reported speech.</li> <li>• To be able to convert direct speech into reported speech using proper rules.</li> <li>• To be able to differentiate active voice from passive voice.</li> <li>• To be able to change active voice to passive voice and vice versa</li> </ul>	<b>Activity</b> : Identify the speech given in the Newspaper report

## JANUARY-MARCH

CONTENT	LEARNING OBJECTIVES	ACTIVITIES
<p>Literature</p> <p>Unit 6 Health</p> <p>A. Let's Talk about Self-Defence</p> <p>B. How to Cope with Loss and Grief ?</p> <p>C. The Owl and the Chimpanzee</p>	<ul style="list-style-type: none"> <li>To be able to understand the sequence of events in a story.</li> <li>To be able to enhance their vocabulary</li> <li>To be able to appreciate the poem and identify the rhyme scheme.</li> </ul>	<p><b>Creative Writing</b> : Why is it important to stay sharp and prepared today ?</p> <p>Activity Prepare your diet chart for a week.</p> <p><b>Poster Making</b> : Importance of Mental Health</p>
<p>Grammar</p> <p>Kinds of Phrases</p> <p>Kinds of Clauses</p> <p>Simple, complex and compound sentences</p> <p>Conditional Sentences</p> <p>Synthesis and Transformation of Sentences</p>	<ul style="list-style-type: none"> <li>To be able to identify different types of phrases and clauses.</li> <li>To be able to identify different types of Sentences.</li> <li>To be able make different types of Sentences.</li> </ul>	<p><b>Activity:</b> Creative Writing</p> <p>'If you were made the Prime Minister of the Country , what changes would you like to bring?</p>

Informal Letter Writing	<ul style="list-style-type: none"> <li>To be able to write an informal letter using correct format.</li> </ul>	
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## ANNUAL CURRICULUM PLAN

### CLASS - VIII

### SUBJECT: COMPUTER

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**BOOK: BRAINY BOT-8**

**APRIL – MAY**

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<b><u>L 1 Artificial Intelligence and Machine Learning</u></b>	<ul style="list-style-type: none"> <li>What is Artificial Intelligence?</li> <li>How does AI work?</li> <li>Types of AI based on Capability &amp; Functionality?</li> <li>Illustrate examples of AI in our daily life.</li> <li>Explain advantages and disadvantages of Artificial Intelligence.</li> </ul>	<p><b><u>ACTIVITIES</u></b></p> <ul style="list-style-type: none"> <li>Collect information about Google's AI powered Apps and devices</li> <li>Collect some pictures of AI based devices that are used in everyday task and write the uses of these.</li> </ul> <p><b><u>RESOURCES</u></b></p> <ul style="list-style-type: none"> <li>Computer / laptop</li> <li>Textbook</li> </ul>	<ul style="list-style-type: none"> <li>Projects</li> <li>Activities</li> <li>Objective type questions</li> <li>Written assessment</li> </ul>

<p><b><u>L 2 Introduction to Data Science</u></b></p>	<ul style="list-style-type: none"> <li>● Integrate the future of AI in different field.</li> <li>● Data and its types.</li> <li>● Quantitative data &amp; Qualitative data, Discrete data &amp; Continuous data.</li> <li>● Data collection &amp; its methods.</li> <li>● Data Science, career in data science.</li> <li>● Life cycle of data science.</li> <li>● Applications of data science.</li> </ul>	<p><b><u>ACTIVITIES</u></b></p> <ul style="list-style-type: none"> <li>● Make a list of different types of data used in computer.</li> <li>● Make a list of career in data science.</li> <li>● Write names of different data science applications.</li> </ul>	<ul style="list-style-type: none"> <li>● Projects</li> <li>● Activities</li> <li>● Objective type questions</li> <li>● Written assessment</li> </ul>
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## JULY – AUGUST

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<b><u>L 3 GIMP Image Editing with Layers</u></b>	<ul style="list-style-type: none"> <li>• Knowing GIMP</li> <li>• Resizing an Image</li> <li>• Using Selection Tools</li> <li>• Working with Layers</li> <li>• Creating an Image using Layers</li> <li>• Layers Modes</li> <li>• Layers and Text</li> <li>• Applying Filters tom Images</li> </ul>	<b><u>ACTIVITIES</u></b> <ul style="list-style-type: none"> <li>• Resize an Image</li> <li>• Textbook activities</li> </ul> <b><u>RESOURCES</u></b> <ul style="list-style-type: none"> <li>• Computer / laptop</li> <li>• Textbook</li> </ul>	<ul style="list-style-type: none"> <li>• Projects</li> <li>• Activities</li> <li>• Objective type questions</li> <li>• Written assessment</li> </ul>
<b><u>L 4 Creating Website using HTML</u></b>	<ul style="list-style-type: none"> <li>• Knowing HTML</li> <li>• Elements, Tags and Attributes in HTML</li> <li>• Knowing about HTML5</li> <li>• HTML5 Document Structure</li> <li>• Adding Graphics to</li> </ul>	<b><u>ACTIVITIES</u></b> <ul style="list-style-type: none"> <li>• Project and Lab activities given in the textbook</li> <li>• Create an ‘Online Shopping Tutor’ website</li> </ul>	<ul style="list-style-type: none"> <li>• Projects</li> </ul>

<p><b><u>L 5 Website Styling with CSS</u></b></p>	<p>Web Page</p> <ul style="list-style-type: none"> <li>● Creating Lists with HTML</li> <li>● Linking Web Pages</li> </ul> <ul style="list-style-type: none"> <li>● CSS and its Advantages</li> <li>● Difference between CSS &amp; HTML</li> <li>● Components of CSS</li> <li>● Types of CSS</li> <li>● CSS Font Properties</li> <li>● CSS Text Properties</li> <li>● CSS Border &amp; Background</li> </ul>	<p>by linking some of the pages with home page.</p> <ul style="list-style-type: none"> <li>● Make a list of features of HTML &amp; CSS.</li> </ul> <p><b><u>RESOURCES</u></b></p> <ul style="list-style-type: none"> <li>● Computer / laptop</li> <li>● Textbook</li> </ul> <ul style="list-style-type: none"> <li>● Write names of other styling languages besides CSS.</li> <li>● Write few differences between CSS and HTML</li> <li>● Few advantages of using CSS.</li> </ul> <p><b><u>RESOURCES</u></b></p> <ul style="list-style-type: none"> <li>● Computer / laptop</li> <li>● Textbook</li> </ul>	<ul style="list-style-type: none"> <li>● Activities</li> <li>● Objective type questions</li> <li>● Written assessment</li> </ul>
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## SEPTEMBER-OCTOBER

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<b><u>L 6 Hello! Java Script</u></b>	<ul style="list-style-type: none"> <li>• Static &amp; Dynamic Web Sites</li> <li>• Client Side &amp; Server Side Scripting</li> <li>• Knowing JavaScript</li> <li>• JavaScript Placement in HTML File</li> <li>• JavaScript Methods</li> <li>• Working with Variables in JS</li> <li>• Data types in JavaScript</li> <li>• Using External JavaScript Files.</li> </ul>	<p><b><u>ACTIVITIES</u></b></p> <ul style="list-style-type: none"> <li>• Make a list of data types used in JavaScript.</li> <li>• Write few programs in Java.</li> <li>• Lab activities given in the textbook</li> </ul> <p><b><u>RESOURCES</u></b></p> <ul style="list-style-type: none"> <li>• Computer / laptop</li> <li>• Textbook</li> </ul>	<p><b><u>L 5 INTRODUCTION TO MS WORD 2016</u></b></p> <ul style="list-style-type: none"> <li>• Projects</li> <li>• Activities</li> <li>• Objective type questions</li> <li>• Written assessment</li> </ul>

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<b><u>L 7 Coding with Python</u></b>	<ul style="list-style-type: none"> <li>• Understanding computer programming</li> <li>• What is Python?</li> <li>• Writing Python Programs</li> <li>• Data types and Variables in Python</li> <li>• Conditional statements in Python</li> </ul>	<p><b><u>ACTIVITIES</u></b></p> <ul style="list-style-type: none"> <li>• Make a list of data types and variables used in Python.</li> <li>• Write few arithmetic operators of Python.</li> <li>• Write few programs in Python.</li> <li>• Use of different loops</li> </ul>	<ul style="list-style-type: none"> <li>• Projects</li> <li>• Activities</li> <li>• Objective type questions</li> <li>• Written assessment</li> </ul>

	<ul style="list-style-type: none"> <li>• Comparison and Logical Operators</li> <li>• Looping statements in Python</li> </ul>	<b><u>RESOURCES</u></b> <ul style="list-style-type: none"> <li>• Computer / laptop</li> <li>• Textbook</li> </ul>	
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## NOVEMBER-DECEMBER

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<b><u>L 8 Python Functions and List</u></b>	<ul style="list-style-type: none"> <li>• Understanding Functions in Coding</li> <li>• Types of functions in Python</li> <li>• Arguments in python function</li> <li>• Python Built-in Functions</li> <li>• Understanding Arrays in Coding</li> <li>• Creating List in python.</li> <li>• Python List Methods</li> </ul>	<b><u>ACTIVITIES</u></b> <ul style="list-style-type: none"> <li>• Make a list of Operations used in Python</li> <li>• Properties, advantages and disadvantages of an Array</li> <li>• Solve textbook activities using python</li> </ul> <b><u>RESOURCES</u></b> <ul style="list-style-type: none"> <li>• Computer / laptop</li> <li>• Textbook</li> </ul>	<ul style="list-style-type: none"> <li>• Projects</li> <li>• Activities</li> <li>• Objective type questions</li> <li>• Written assessment</li> </ul>

## L 9 Introduction to Cloud Computing

- Student will be able to understand cloud
- Define Cloud Computing
- Uses of Cloud Computing
- Advantages and disadvantages of cloud storage
- Types of Cloud Computing

## ACTIVITIES

- Uses of cloud computing
- Write about types of cloud computing.
- Solve textbook activities using Cloud Computing

## RESOURCES

- Computer / laptop
- Textbook

## L10 The world of Robotics

- What is Robot?
- What is Robotics?
- Three Laws of Robotics
- Characteristics of a Robot
- Classification of Robots
- Building blocks of Robots.

## ACTIVITIES

- Main components of Robot
- Different types of sensors
- Classification of Robots

## RESOURCES

- Computer / laptop
- Textbook

