

**CLASS- 8**

APRIL

<b>English</b>	Mt struggle for an education The Brave girl The song of free Grammar- Noun, Pronoun, adjective, homophone Writing- Article
<b>Maths</b>	<b>CH-1 Rational Numbers</b> Numbers and rational numbers, operations and properties of rational numbers, representation of rational numbers on number line, Rational numbers between two rational numbers, fractions and decimals <b>CH-2 Square and square roots</b> Perfect square and its properties, square roots and its properties, different types of methods to find square root of perfect square numbers, imperfect square numbers, square root of numbers
<b>Science</b>	<b>CH-1 Crop production and management</b> Crop plants, agricultural practices, improving soil fertility, adding manure to the field, food from animals <b>CH-2 Microorganisms friends and foe</b> Microorganism and its types, useful and harmful microorganism, food spoilage and food preservation <b>CH-4 Combustion and flame</b> Combustible and non combustible substance, types and conditions of combustions, fuel and

	fire extinguisher
<b>SSt</b>	<p><b>Ch-2 (history) The rise and growth of the British power</b></p> <p>The east India company in Bengal, The British relation with Mysore, Struggle with Maratha, Punjab and Sind annexed, The british administrative structure</p> <p><b>Ch-2 (geo) Weather and its climate</b></p> <p>Weather and climate, factors affecting atmospheric temperature and atmospheric pressure, winds and types of rainfall</p> <p><b>Ch-1 (civics) The Indian constitution</b></p> <p>Constitution of india, features, directive principles of state policy</p>
<b>Hindi</b>	<p><b>अप्रैल</b></p> <p>पाठ-1 समर्पण</p> <p>पाठ.-2 पाप का गणित</p> <p>पाठ.-3 संस्कृति क्या है</p> <p><b>व्याकरण</b></p> <ul style="list-style-type: none"> <li>● भाषा</li> <li>● उपसर्ग</li> <li>● प्रत्यय</li> <li>● पत्र</li> <li>● संवाद</li> </ul>
<b>Skt</b>	GIVEN BELOW
<b>Computer</b>	<p><u>CHAPTER 1- PROGRAMMING LANGUAGE</u></p> <p>TYPES OF PROGRAMMING LANGUAGES, HIGH LEVEL LANGUAGE , HTML , C .</p> <p><u>CHAPTER 2- COMPUTER ETHICS</u></p> <p>COMPUTER ETHICS , PUBLIC DOMAIN , BASIC NETIQUETTE , PATENT .</p>

	+ PRACTICALS BASED ON THESE CHAPTERS
<b>Gk</b>	UNIT 1 – LIFE AND NATURE

MAY

<b>English</b>	A real Hero The kind stranger Rain in summers Grammar- Adverb, preposition, and conjunction
<b>Maths</b>	<b>CH-3 Cube and cube roots</b> Perfect cubes and their properties Methods of finding cube root of numbers
<b>Science</b>	<b>CH-5 conservation of plants and animals</b> Biodiversity and its importance, Deforestation, Endemic species, red book data
<b>SSt</b>	<b>Ch-2 (civics) Parliamentary government in India</b> Role of the Parliament, The Rajya and lok Sabha
<b>Hindi</b>	<b>मई</b> पाठ-4 सफलता की कूजी पाठ.-5 दीए से मिटेगा नमन का अन्धेरा <b>व्याकरण</b>

	<ul style="list-style-type: none"> <li>कारक</li> <li>समास</li> <li>अपठित गद्यांश और पद्यांश</li> </ul>
<b>Skt</b>	GIVEN BELOW
<b>Computer</b>	<u>CHAPTER 3- NETWORKING TOPOLOGIES AND OPERATING SYSTEM</u>  NETWORK TOPOLOGY ,BUS TOPOLOGY , STAR TOPOLOGY , RING TOPOLOGY , MESH TOPOLOGY .  +  PRACTICALS BASED ON THESE CHAPTERS
<b>Gk</b>	<b>UNIT 2 – AROUND THE WORLD</b>

JULY

<b>English</b>	The wicked intentions  In satiable greed  A story of true love  Writing- letters, notice  Grammar- Anatonmys and synomyns
<b>Maths</b>	<b>CH-4 Exponents and power</b>  Positive and negative rational exponents, laws and equations of exponents  <b>CH-5 Comparing quantities</b>  Ratio, discount, percentage, simple and compound interst, time and work, time and distance

	<p><b>CH-6 Direct and inverse variations</b></p> <p>Variation, direct and indirect variations</p>
Science	<p><b>CH-3 Materials ; Metals and non metals</b></p> <p>Classification of elements, Physical and chemical properties of metals and non metals, Reactions, Displacement reaction, Uses of metals and non metals</p> <p><b>CH-6 Cell structure and its functions</b></p> <p>Discovery and cell theory, Eukaryotic and Prokaryotic cells, Cell division, comparison of animal and plant cell</p> <p><b>CH-7 Reproduction in animals</b></p> <p>Modes of reproduction, sexual and asexual reproduction, Fertilisation,</p>
SSt	<p><b>Ch-4(history) Colonialism and tribal society</b></p> <p>Tribal groups lives, causes of tribal revolt, santhal and Munda rising</p> <p><b>Ch-3(geo) Land, soil and Water</b></p> <p>Land and water resources, Their degradation and conservation</p> <p><b>Ch-3 (Civics) Understanding laws</b></p> <p>Need of laws, coming of new laws, unpopular and controversial laws</p>
Hindi	<p><b>जुलाई</b></p> <p>पाठ-6 आत्मश्लाघा:</p> <p>पाठ.-7 कैसर वाले देश में</p> <p>पाठ.-8 चरित्र और संयमं</p> <p>पाठ.-9 प्रयाण गीत</p> <p>पाठ.-10 कर्तव्य की पहचान</p> <p><b>व्याकरण</b></p> <ul style="list-style-type: none"> <li>● संद्धि</li> </ul>

	<ul style="list-style-type: none"> <li>● शब्द भण्डार</li> </ul>
<b>Skt</b>	GIVEN BELOW
<b>Computer</b>	<p><u>CHAPTER 4- CHARTS IN MICROSOFT EXCEL 2013</u></p> <p>ELEMENTS OF A CHART , TYPES OF CHARTS ,            CHART PLOT AREA , CHANGING CHART TYPE ,            RESIZING CHART , MOVING THE CHART ,            ADDING TITLE TO THE CHART ,</p> <p style="text-align: center;">+</p> <p>PRACTICALS BASED ON THESE CHAPTERS</p>
<b>Gk</b>	UNIT 3-INDIA MY PRIDE

AUGUST

<b>English</b>	<p>The gift of Maggie</p> <p>Ghost</p> <p>Writing- Biography</p> <p>Grammar- Active and passive voice, Direct and indirect speech</p>
<b>Maths</b>	<p><b>CH-7 Algebraic Expression</b></p> <p>Constant and variables, Term, factors , coefficient, Types, Degree of polynomial, Ascending and descending order of polynomial, Addition , multiplication, subtraction and division of polynomial, VBODMAS rule</p> <p><b>CH-8 Linear equation</b></p> <p>Linear equation in one and two variables and its applications, Finding solution to system of equation graphically</p>

<b>Science</b>	<b>CH-15 Pollution of air and water</b> Air and water pollution and their effects, Steps to prevent them
<b>SSt</b>	<b>Ch-4 (civics) The judiciary</b> Structure of judiciary and need of an independent judiciary
<b>Hindi</b>	<b>अगस्त</b> पाठ-11 चन्द्र शेखर आजाद पाठ.-12 एकलव्य <b>व्याकरण</b> <ul style="list-style-type: none"> <li>● पद-परिचय</li> <li>● पद बन्द</li> <li>● वाक्य</li> <li>● शब्द भण्डार</li> <li>● अनुच्छेद</li> </ul>
<b>SkT</b>	GIVEN BELOW
<b>Computer</b>	<u>CHAPTER 5- TABLES IN MICROSOFT ACCESS 2013</u> ADVANTAGES OF USING A DBMS , DATA TYPES , THE PARTS OS AN ACCESS DATABASE , CREATING A NEW TABLE IN DATASHEET VIEW , CREATING A NEW TABLE IN DESEIGNN VIEW , , SAVING THE TABLE , ENTERING RECORDS TO THE TABLE , DELETING A RECORD , SETTING A PRIMARY KEY , FIELD PROPERTIES , SETTING FIELD SIZE PROPERTIES.  + PRACTICALS BASED ON THESE CHAPTERS
<b>Gk</b>	UNIT 4 –THE MAGIC OF WORDS

OCTOBER

<b>English</b>	The False astrologer The Mustached men Lines written in..... Grammar- Phrases, clauses, antonymy's and synonyms, homophones
<b>Maths</b>	<b>CH-9 Factorization</b> Factorization by taking out common factors, By grouping and by using identities, Factorization of quadratic trinomial <b>CH-11 Geometry</b> Classification and properties of point, line, angles, triangle, polygon, quadrilateral and circles
<b>Science</b>	<b>CH-8 Reaching the age of adolescence</b> Adolescence and puberty, Secondary sexual characters, hormones and reproduction, Reproductive phase and health, Drug abuse and AIDS <b>CH-9 Force and pressure</b> Force its effects , classification and measurement of force, Atmospheric pressure and its measurement <b>CH-10 Friction</b> Factors affecting friction, Methods to increase and reduce friction
<b>SSt</b>	<b>Ch-5 (history) The great revolt of 1857</b>



	<p>Brewing resentment, spread and suppression of revolt, failures of revolt</p> <p><b>Ch-4 (geo) Natural vegetation and wild life resources</b></p> <p>Distribution of natural resources, conservation of forests, distribution and conservation of wildlife</p> <p><b>Ch-9(His) Education and the British policies</b></p> <p>Orientalist and anglicists, education for commerce, agenda of national education, Tagores abode of peace</p>
<b>Hindi</b>	<p><b>अक्टूबर</b></p> <p>पाठ—13 दोहा दशक</p> <p>पाठ.—14 सभ्यता</p> <p>पाठ.—15 अरोग्य की कूजी</p> <p><b>व्याकरण</b></p> <p>विज्ञापन और सुचना</p>
<b>Skt</b>	GIVEN BELOW
<b>Computer</b>	<p><u>CHAPTER 6- QUERY AND REPORT IN MS – ACCESS 2013</u></p> <p>QUERIES , TYPES OF QUERY , RUNNING QUERY , USING A CRITERIA IN QUERY , USING COMPARISON OPERATOR , SORTING DATA , DELETING A FIELD IN A QUERY , SAVING A QUERY , REPORTS , CREATING SIMPLE REPORT USING REPORT TOOL , CREATING A BLANK REPORT, CREATING A REPORT USING REPORT WIZARD , SAVING A REPORT .</p> <p style="text-align: center;">+</p> <p>PRACTICALS BASED ON THESE CHAPTERS</p>

Gk

**UNIT 5 – SCIENCE TECHNOLOGY**

NOVEMBER

<b>English</b>	The child professional The new facility Grammar- Punctuation, Idioms, homophones
<b>Maths</b>	<b>CH-10 Mensuration</b> Rectilinear figures, Area of rectangle, square, triangle, quadrilateral, trapezium, parallelogram, rhombus, circumference and area of circle, volume and surface area of cuboid cubes and cylinder
<b>Science</b>	<b>CH-11 Sound</b> Characteristics of sound, types of sound, reflection and absorption of sound, musical instruments, Sources harmful effects and control measure of noise pollution
<b>SSt</b>	<b>Ch-5 (civics) The role of the police and the court</b> District administration, the police and the courts, FIR, Role of the public prosecutor and judge
<b>Hindi</b>	<b>नवम्बर</b> पाठ—16 पर्यावरण प्रदूषण के खतरे

	व्याकरण विराम चिन्ह का प्रयोग
<b>Skt</b>	GIVEN BELOW
<b>Computer</b>	CHAPTER 7- MORE ON HTML  HTML FORMATTING TAGS , HTML IMAGE , ADDING BORDER TO IMAGE , ADDING SPACE AROUND IMAGE , HTML ATTRIBUTES , HTML HYPERLINKS , CREATING A BOOKMARK, CREATING A LINK.  +  PRACTICALS BASED ON THESE CHAPTERS
<b>Gk</b>	UNIT 6 –THE WORLD OF SPORTS

DECEMBER

<b>English</b>	The boy with flute  Great minds  Writing- story  Grammar- determiners , articles
<b>Maths</b>	<b>CH-13 Geometrical constructions</b> Constructions of perpendicular, angle bisector, triangle and quadrilateral  <b>CH-14 Statistics</b> Mean, median, mode
<b>Science</b>	<b>CH-13 Light</b> Reflection- types, laws  Refraction, human eye and defects of vision  <b>CH-14 Stars and the solar system</b>

	Constellation, solar system, heavenly bodies, satellites
<b>SSt</b>	<p><b>Ch-11 (history) The national movement</b></p> <p>Role of nationalism, The Indian national congress, The partition of Bengal, Emergence of Gandhi, Indian national army, The Khailafat and the non cooperation movement</p> <p><b>Ch-5 (geo) Mineral and power resources</b></p> <p>Formation and types of mineral, conservation and power resources</p> <p><b>Ch-8(His) The French Revolution</b></p> <p>The influence of the French revolution, The cause and the end of revolution</p>
<b>Hindi</b>	<p><b>दिसम्बर</b></p> <p>पाठ-17 पूर्वी सीमान्त असम</p> <p>पाठ.-18 राम चरित्र मानस</p> <p>पाठ.-19 महाभारत</p> <p><b>व्याकरण</b></p> <ul style="list-style-type: none"> <li>● असुद्धिशोधन</li> <li>● अलंकार</li> </ul>
<b>Skt</b>	GIVEN BELOW
<b>Computer</b>	<p><u>CHAPTER 8 -VISUAL BASIC</u></p> <p>WHAT IS VISUAL BASIC ? CHARACTERISTICS OF VB , ADVANTAGES OF VB , COMPONNTS OF VB WINDOW , ENTERING CODE IN FORM 1, ADDING LABEL IN THE FORM , ADDING TEXT BOX IN THE FORM , ADDING LIST BOX IN THE FORM , ADDING COMMAND BUTTON IN THE FORM .</p> <p style="text-align: center;">+</p> <p>PRACTICALS BASED ON THESE CHAPTERS</p>

Gk

UNIT 7- BRAIN TEASERS

January

<b>English</b>	Synonyms and antonyms Transformation of sentences
<b>Maths</b>	<b>CH-12 Congruent triangles</b> Conditions for congruence of two triangles: SSS, SAS, ASA, RHS
<b>Science</b>	<b>CH-12 Chemical effects and electric current</b> Electric current, conductors and insulators, electrical conductivity, electroplating
<b>SSt</b>	<b>Ch-8 (geo) Disaster and its management</b> Earthquake , cyclones, floods, droughts
<b>Hindi</b>	जनवरी पाठ-20 शाश्वत संस्कृति पाठ.-21 स्वराज की नींव व्याकरण <ul style="list-style-type: none"><li>● मुहावरे</li><li>● अनुच्छेद</li></ul>

<b>Skt</b>	GIVEN BELOW
<b>Computer</b>	<p><u>CHAPTER 9 –CONNECTING INTERNET</u></p> <p>EVOLUTION ON INTERNET , THE BASICS OF INTERNET , INTERNET ADDRESS , E-MAIL , SEARCHING THE WEB , NAVIGATION BUTTONS , CHOOSING THE STARTUP OPTIONS , TO SET INTERNET EXPLORER AS THE DEFAULT BROWSER , WEBSITE SECURITY INDICATORS , MODIFYING YOUR PRIVACY SETTINGS .</p> <p><u>CHAPTER 10 –WORKING WITH INTERNET</u></p> <p>WEBPAGES AND WEBSITES , DISPLAT A SPECIFIC WEB PAGE , SELECTING A LINK ON A WEB PAGE , FINDING TEXT ON A WEB PAGE , SAVING A WEB PAGE , ELECTRONIC COMMERCE , ONLINE STORE, ADVANTAGES OF E-COMMERCE .</p> <p style="text-align: center;">+</p> <p>PRACTICALS BASED ON THESE CHAPTERS</p>
<b>Gk</b>	UNIT 8 – MORE TO KNOW

### SANSKRIT

MONTH	CLASS VIII
APRIL	पाठ –(1) उपदेशः (2) न मैत्री वचकैः सह (3) त्रयः प्रश्नाः व्याकरण— धातु रूपः पठ्, गम् अस्, कृ (पांचो लकार)
MAY	पाठ -4 गुरु भक्त (5) संगणकम् व्या. धातु रूप, सेव् (लृट् लकार)
JULY	पाठ -6 मिथ्या प्रशंण (7) वृद्ः कपोतः (8) भारत रत्न भूषितः तैन्दुलकरः व्याः उपपदविभक्ति द्वितिया तृतीया चतुर्थी
AUGUST	पाठ- 9 विद्या रजसू पूजिता व्याकरण अव्यय
	परीक्षा (1) 14/5/18---20/5/18 परीक्षा-(2) 13/8/18----- 23/8/18
SEPTEMBER	अर्धवार्षिक –परीक्षा (प्रथम)

