

SYLLABUS

CLASS-7

APRIL

English	1) The happy prince 2) Macro polo Poem-Don't through the seed Writing- Letters, biography grammar-Noun, pronoun, adjectives adverb
Maths	Ch-1 Numbers Types of numbers, Fractions and its types, decimals its types, factors, HCF, LCM , Simplification Ch-2 Introduction to rational numbers Properties of rational numbers, standard form of rational numbers, representation of rational numbers on number lines, comparison of rational numbers, addition subtraction and division of rational numbers, terminating and repeating decimals, absolute value of a rational number, find the rational number between two rational numbers) Ch-3 Exponents, power and radicals (Exponents and its laws, radicals and its laws)
Science	CH-1 Nutrition in plants Nutrition and its types, photosynthesis, Types of heterotrophic nutrition) Ch-2 Nutrition in animals Different modes of procuring food, human digestive system and role of different organs in digestion Ch-3 Fiber to fabric Wool from other animals, wool production, silk, life cycle of silk moth, properties and qualities of silk
SSt	Ch-4 (history) New kings and kingdoms The Tripartite struggle, The Turkish Invasion , Muhammad Ghori, Ch-2 (geo) Inside our earth Structure of Earth, Rocks and minerals, rock cycle, types of cycle Ch-1 (civics) Democracy

	Different types of government, equality and its implementation by government, challenges of democracy
Hindi	अप्रैल पाठ-1 कोशिश करने वालो की हार नही होती पाठ.-2 नीद का गणित पाठ.-3 सच्ची वीरता ब्याकरण <ul style="list-style-type: none"> ● भाषा ● उपसर्ग ● प्रत्यय ● संज्ञा ● सर्वनाम
Sk	GIVEN BELOW
Computer	<u>CHAPTER 1- GENERATIONS COMPUTERS AND ITS LANGUAGE</u> GENERATIONS OF COMPUTERS , EVOLUTION AND HISTORY OF PROGRAMMING LANGUAGES, LANGUAGE TRANSLATORS <u>CHAPTER 2- HELPING HANDS OF COMPUTER</u> COMPUTER HARDWARE BASICS , WORKING OF DIFFERENT PARTS OF A COMPUTER + PRACTICALS BASED ON THESE CHAPTERS
Gk	UNIT 1- LIFE AND NATURE

MAY

English	A precious gift The death penalty
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Maths	Ch-4 Comparing quantities Ratio, unitary method percentage and its applications, profit, loss and discount, simple interest
Science	Ch-5 Acids bases and salts Acids and its classification, bases and its classification, identification of acid and bases, salts, neutralization and its application
SSt	Ch-6 (civics) Understanding media Media and its role, media and democracy, setting agenda, right to information act
Hindi	मई पाठ-4 राखी का मूल्य पाठ.-5 सत्य साहस व्याकरण <ul style="list-style-type: none"> ● पत्र ● अपठित गद्यांश और पद्यांश ● शब्द भण्डार और कारक
Skt	GIVEN BELOW
Computer	<u>CHAPTER 3- FORMULAS AND FUNCTIONS IN MICROSOFT EXCEL 2013</u> MICROSOFT EXCEL DATA , OPERATORS , CREATING FORMULA , COPYING A FORMULA , ERRORS IN FORMULA , FUNCTIONS , FUNCTION LIBRARY , ENTERING A FUNCTION , PERFORMING CALCULATIONS. + PRACTICALS BASED ON THESE CHAPTERS
Gk	UNIT 2- AROUND THE WORLD

JULY

English	1) The dreamer 2) The magic cot Poem- the perfect life Writing section- story writing and paragraph
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	Grammar- conjunction, preposition, tenses(simple Present)
Maths	<p>CH-5 Algebraic expression Variable and constant, terms and its types, factor and its types, types of algebraic expression, degree of polynomial, addition subtraction multiplication and division of algebraic expression, substitutional method</p> <p>CH_6 Equations Linear equations and its rules of solving, Graphical method, framing of equation from statement</p> <p>CH-7 Introduction to linear graph Plotting the graph, graphical representation of linear equations in two variables</p>
Science	<p>CH-4 Heat and sound Temperature and its measurement, types of thermometers, Flow of heat, conductors , insulators, thermos flask, sound</p> <p>CH-6 Physical and chemical changes Characteristics of physical and chemical changes, Rusting of iron, reactions, crystallization</p> <p>Ch-7 Weather climate and adaptation of animals to climate Weather, climate, effects of climate on flora and fauna</p>
SSt	<p>Ch-5(history) The Delhi Sultanate The Slave dynasty, The khalji dynasty, The Tughlaq dynasty, The lodi dynasty, The Sayyid dynasty</p> <p>Ch-3 (geo) The changing earth Earth movement, mountains building, volcanoes</p> <p>Ch-7(geo) Life in the desert The sahara desert, The Ladakh desert</p>
Hindi	<p>जुलाई पाठ-6 कृष्ण की चेतावनी पाठ.-7 रोंमाकारी कुस्ती पाठ.-8 चन्द्रशेखर वैक्टरमन पाठ.-9 नेताजी का पत्र पाठ.-10 पृथ्वी का स्वर्ग</p> <p>व्याकरण</p> <ul style="list-style-type: none"> ● संद्धि ● शब्द भण्डार ● सुचना

Skt	GIVEN BELOW
Computer	<p>CHAPTER 4- MICROSOFT ACCESS 2013 WHAT IS MS- ACCESS MADE UP OF? STARTING MS- ACCESS, CREATING BLANK DATABASE, COMPONENTS OF MICROSOFT ACCESS 2013 WINDOW , WHAT IS AN ACCESS TEMPLATE? CREATING A DATABASE USING TEMPLATES,SAVING AND ENTERING DATA ,CLOSING MS ACCESS.</p> <p style="text-align: center;">+</p> PRACTICALS BASED ON THESE CHAPTERS
Gk	UNIT 3 – INDIA MY PRIDE

AUGUST

English	Scourge of god Red cross Ivan Matveyitch
Maths	CH-8 Mensuration Perimeter and area of two dimension figures, surface area and volume of three dimensional figures
Science	CH-8 Soil Formation and composition os soil, types of soil, soil profile, soil erosion, soil pollution, soil conservation
SSt	Ch-3 (civics) How the state government works State legislature, State executive, working of the state government
Hindi	अगस्त पाठ—11 प्राणी वही प्राणी है पाठ.—12 मेरा जीव जन्तु मित्र व्याकरण <ul style="list-style-type: none"> ● संवाद ● समास

	<ul style="list-style-type: none"> ● शब्द भण्डार
Skt	GIVEN BELOW
Computer	<u>CHAPTER 5- MORE WITH MICROSOFT ACCESS 2013</u> SELECTING DATA IN A TABLE, SORTING RECORDS , FILTERING DATA , RENAMING & DELETING A FIELD , ADDING AND CREATING RELATIONSHIP . + PRACTICALS BASED ON THESE CHAPTERS
Gk	UNIT 4 – THE MAGIC OF WORDS

SEPTEMBER-TERM-1

OCTOBER

English	Poem-The Psalm of life Handwriting, past tense, writing stories, notice
Maths	CH-9 congruent triangles Conditions of congruence of triangle, SSS, SAS, ASA and RHS criterions for the congruence of two triangles CH-10 Geometry Concept of point, Line angle polygon, triangle, quadrilateral and their types, circle and its types
Science	CH-9 Respiration in plants Respiration , breathing in human being, mechanism of breathing, types of respiration, how do other animals breathe CH-10 Transportation in animals and plants Blood, circulatory system, structure and function of the heart, Excretion in animals and human beings, transportation in plants CH-11 Reproduction in plants Asexual and sexual mode of reproduction in

	plants, Artificial vegetative propagation, Seed dispersal and its mechanism, germination of seed
SSt	Ch-6(history)The mighty Mughal empire Babur, Humayun, Sher Shah, Akbar, Jahangir, relations with the Europeans Ch-4 (geo) Air Air -its composition, structure, importance, Heat zones, air pressure and winds Ch-7(civics) Understanding advertising Building brands, brand and social values, social advertising, advertising and democracy
Hindi	अक्टुबर पाठ-13 आत्माराम पाठ.-14 राम और सुगरीव पाठ.-15 नितिनयन पाठ-16 उत्तम स्वास्थ्य व्याकरण संद्धि
Skt	GIVEN BELOW
Computer	<u>CHAPTER 6- WORKING WITH FLASH CS5</u> STARTING & CREATING FLASH , DRAWING POLYGONS & STARTS, PENCIL TOOL , STRAIGHT LINE , IMPORTING IMAGE IN FLASH. + PRACTICALS BASED ON THESE CHAPTERS
Gk	UNIT 5- SCIENCE TECHNOLOGY

NOVEMBER

English	The money making nose My heaven Future tense Antonym's and synonyms
Maths	CH-11 Geometrical constructions Construction of bisectors of line and angles, construction of angle congruent to a given angle, construction of perpendiculars and parallels,

	triangles, square and rectangles
Science	CH-16 Forests: our life line Forest profile, ecosystem, energy flow in food chain, importance of forests, deforestation , forest conservation
SSt	Ch-6 (geo) North America Physical features, climate, natural vegetation and wildlife, resources
Hindi	नवम्बर पाठ—17 बाल लीला व्याकरण विराम चिन्ह का प्रयोग
Sk	GIVEN BELOW
Computer	<u>CHAPTER 7- INTRO OF FLASH PHOTOSHOP</u> STARTING PHOTOSHOP , COMPONENTS OF PHOTOSHOP WINDOW , LAYERS , ARRANGING PALETTES , PHOTOSHOP TOLBOX , SAVING THE FILE IN PHOTOSHOP <u>CHAPTER 8 -HTML</u> HTML TAGS , HTML DOCUMENT STRUCTURE , WEB BROWSER , VIEWING HTML CODE IN A WEB BROWSER , INSERTING BLANK SPACE IN THE TEXT , STARTING A NEW LINE, CREATING A NUMBER LIST SET A NUMBER STYLE. + PRACTICALS BASED ON THESE CHAPTERS
Gk	UNIT 6 –THE WORLD OF SPORTS

DECEMBER

English	Snow white and seven dwarf The Cherry tree Grammar- active and passive voice Direct and indirect speech
	CH-12 Statistics

Maths	Arithmetic mean, Bar graph, Pie chart, line graph CH-13 Symmetry , reflection and rotation Number of lines of Symmetry, reflection and order of rotational symmetry
Science	CH-12 Time and motion Standard units of measurements, time period of pendulum, motion and speed, Uniform and non uniform motion, Distance time graph CH-13 Electric current and its effects Electric current and its flow, electric circuit and its components ,heating and magnetic effects of electric current, electromagnet and its uses, electric bell CH-14 Light Reflection of light, spherical mirrors and lenses and their uses, dispersion
SSt	Ch-10 (history) Political formation in 18 century Decline of Mughal, Emergence of new states, establishment of Maratha power, The peshwas Ch-5 (geo) Water Water cycle, ocean water circulation, waves and tides, ocean currents Ch-8 (geo) Life in temperate grassland The prairies, the velds- location, climate, natural vegetation, wildlife and people
Hindi	दिसम्बर पाठ.—18 भाग्य का फ़ैर पाठ.—19 हिन्द महासागर में छोटा सा हिन्दुस्तान व्याकरण <ul style="list-style-type: none"> ● मुहावरे और अनुच्छेद ● विज्ञापन
SkT	GIVEN BELOW
Computer	<u>CHAPTER 9 –COMPUTER VIRUS</u> HOW CAN A COMPUTER GET VIRUS ? TYPES OF VIRUS, HOW TO PROTECT THE COMPUTER FROM VIRUS? ANTIVIRUS , HOW TO SCAN WITH AN ANTIVIRUS? + PRACTICALS BASED ON THESE CHAPTERS
Gk	UNIT 7 – BRAIN TEASERS

JANUARY

English	The little metal Threat to wildlife Proverb- Determiners , Article
Maths	REVISION
Science	CH-15 Water- A precious resource Importance and sources of water, Scarcity of water and their causes, water conservations
SSt	Ch-8 (civics) Markets around us Understanding of markets, chain of markets, markets and equality
Hindi	जनवरी पाठ-20 बाल अदालत व्याकरण <ul style="list-style-type: none">● शब्द भण्डार● अनुच्छेद● सुचना
Sk	GIVEN BELOW
Computer	<u>CHAPTER 10 –WORLD WIDE INTERNET</u> BIRTH OF INTERNET , WHO OWNS THE INTRNET? HOW INTERNET ACTUALLY WORKS ? INTERNET MARKETING , SOCIAL NETWORKING , ENTERTAINMENT ON THE WEB, INTERNET ADDRESS , LOCATING SITED USING SEARCH ENGINE. <u>CHAPTER 11 –MORE WITH WINDOWS 8</u> SIGNING INTO WINDOWS 8 , CHANGING THE LOCK SCREEN . + PRACTICALS BASED ON THESE CHAPTERS
Gk	UNIT 8 – MORE TO KNOW

SANSKRIT

MONTH	CLASS VII
APRIL	पाठ –(1) प्रार्थना (2) चिकित्सकः चरकः (3) उपदेशो हि मूर्खाणाम् व्याकरण— संस्कृत ज्ञानः धातु रूप : पठ्, भू, गम् (पांचो लकार) शब्द रूपः बालक, फल
MAY	पाठ -4 गीता मृतम् (5) दिपावली व्या. उपपदविभक्ति द्वितीया तृतीया चतुर्थी
JULY	पाठ -6 गणतंत्र दिवस समारोह (7) समवायो हि दुर्जयः (8) चतुरः वानरः व्याः अव्यय सारे शब्द रूप- लता
AUGUST	पाठ- 9 विद्यायाः महत्वम् Worksheet- 1
	परीक्षा (1) 14/5/18---20/5/18 परीक्षा-(2) 13/8/18----- 23/8/18
SEPTEMBER	अर्धवार्षिक –परीक्षा (प्रथम)
OCTOBER	पाठ-10 पर्वतरज हिमालयः (11) उद्यानम (12) दशमः त्वम् असि व्या. धातु रूप अस्, लिख, पा (पाचो लकार) शब्द रूप – अस्मद्, युष्मद्
NOVEMBER	पाठ-13 भास्करः व्या. उपपग विभक्ति पंचमी, षष्ठी, सप्तमी
DECEMBER	पाठ-14 सुभाषितानि (15) आचार्य चाणक्यः (16) मम विध्यालयः व्या. प्रत्यय क्त्वा, ल्यप्, तुमुन्
JANUARY	पाठ 17 संख्या वाचक शब्दाः Worksheet 2
FEBRUARY	पुनरभ्यास परीक्षा –(3) 12/11/18 -----21/11/18 परीक्षा- (4) 8/1/18 ----- 16/1/18
MARCH	वार्षिक परीक्षा (पूर्ण पाठ्य क्रम)