

YEARLY PLANNER – 2014-15

Class-VII

Subject :English

LITERATURE

GRAMMAR

WRITING

FA-1

L-1 The Three Precious Packets

Sentences

Formal Letter

L-2 Sun-Powered Car, You Are Old
 , Father William

Subject-verb agreement

Biography

FA-2

L-3 Suvira

Past Perfect Progressive Tense

Story Writing

L-4 The Blue Umbrella

Reported speech :
 Commands and Requests

Story Writing

Stopping by Woods
 on a Snowy Evening

L-5 The Ants Come Marching

Articles

Informal Letter

FA1+FA2=SA1

FA-3

L-6 Tom Comes Home
 In The Bazaars of Hyderabad

Reciprocal Pronouns

Writing a paragraph

L-7 Settling the Secret Annexe

Formation of Adjectives
 from Noun

Diary Writing

L-8 Achilles
 The Tame Bird was in a Cage

Interrogative Adverbs

Paragraph writing

FA-4

L-9 The Sherpas

Adjectives +prepositions

Picture Composition

L-10 The MCC, If

Clauses; main and Subordinate

Writing an account

L-11 Go Kiss the World
 Democracy

Conjunctions of contrast

Personal account

L-12 The Merchant of Venice

Editing a text

Paraphrasing

Hindi

F.A-I

ihNdl pa#ly puStk

pa#-1 h>s rhl]8a

p/Xn-]%, muQy xBd, sara.x A4R-bo2,wav-bo2,tulna +p

Vyacr`- wa8a

F.A-II

ihNdl pa#ly puStk

pa#-2 yh mera : yh mlt ka

pa#-3 im#a{vala

pa#-4 srfroxl kl tmNna

p/Xn-]%, muQy xBd, sara.x, ivix*3ta btana

Vyacr`- s.)a, svRnam, ivxe8`,s.i2

S.A-I +(FA I +FA II)

ihNdl pa#ly puStk

pa#-5 phll bU>d

pa#-6 zU# ka sc

pa#-7 Ok p5 : pu5l ke nam

pa#-8 llk pr ve cl.e

pa#-9 har kl jlt

pa#-10 raql ka mULy

p/Xn-]%, muQy xBd, sara.x, pa# ka mhTv, tuk vale xBd,cir5-ic5`, la9i`k AOr Vy.GyaTmk p/yog

Vyacr`- ivkarl-Aivkarl xBd, ik/ya, kal ,p5, inbN2,Api#t gd\ya.x,]psgR,ivkarl-Aivkarl xBd, v`R-ivC7ed, p/Tyy,il.g

F.A-III

ihNdl pa#ly puStk

pa#- 11 Am<ta xerigl

pa#- 12 sUrdas ke pd

pa#- 13 davt kl Advt

p/Xn-]%, muQy xBd, sara.x, pa# ka mhTv, Aaxy Sp*3 krna

Vyacr`- ivram ich\n,ik/ya ivxe8` ke wed, muhavre,khanl leqn

F.A-IV

ihNdl pa#ly puStk pa#-14 bU!_a kuTta

pa#-15 nmk ka droga

p/Xn-]%, muQy xBd, sara.x, pa# ka mhTv, Aaxy Sp*3 krna

Vyacr`- kal, td\wv-tTsm xBd

S.A-II+(FA III +FA IV)

ihNdl pa#ly puStk

pa#-16 tUfano. kl Aor

pa#-17 su&ut

pa#-18 in*#ur AnukMpa

pa#-19 jygan

p/Xn-]%, muQy xBd, sara.x, pa# ka mhTv, tukaNt xBd, Aaxy Sp*3

Vyacr`- AnuC7ed leqn,p5,inbN2,Api#t gd\ya.x, ik/ya ivxe8` ke wed, smas, manvlkr` Al.kar, vaCy, sa4Rk xBd

S.No	Chapter Name	Topics To Be Covered	Term	
Maths				
1	Integers	Properties of Integers: identities for addition and multiplication, commutative, associative, distributive. Multiplication and division of integers. Word problems.	FA-I	SA-I
2	Fraction	Multiplication of fractions, fraction as an operator, reciprocal of a fraction, division of fractions, word problems involving mixed fractions.		
3	Decimals	Addition, subtraction, multiplication and division of decimals. Word problems.	FA- II	
4	Rational Numbers	Introduction to Rational numbers, representation of rational number as a decimal, word problems on rational numbers.		
5	Exponents and Powers	Exponents only natural numbers. Laws of exponents: through observing patterns to arrive at generalisation.		
6	Algebraic Expressions	Generate Algebraic Expressions involving one or two variable, identifying constants, coefficient, powers. Like and unlike terms, degree of expression. Addition and subtraction of Algebraic expressions.		
7	Linear Equations in one variable	Simple linear equation in one variable.		
8	Comparing Quantities	Introduction to Ratio. Important facts about Ratio.		
9	Percentage and its Applications	Percentage - an introduction. Understanding percentage as a fraction with denominator 100. Converting fractions and decimals into percentage and vice-versa. Application to profit and loss, to simple interest.		
10	Lines and Angles	Properties of parallel lines with transversal: alternative, corresponding, interior and exterior angles. Pairs of angles: linear, supplementary, adjacent, vertically opposite.		
11	The Triangle and its Properties	Angle sum property. Exterior angle property. Sum of two sides of a triangle is greater than third side. Pythagoras' theorem.		
12	Practical Geometry	Construction of a line parallel to a given line from a point outside it. Construction of simple triangles.		
13	Congruence of Triangle	Congruence through superposition. Extended congruence to simple geometrical shapes. Criteria of congruence: SSS, SAS, ASA, RHS.	FA-IV	
14	Perimeter and Area	Revision of perimeter, idea of Pi. Circumference of circle. Perimeter and area of square, rectangle, triangle, parallelogram and circle.		

15	Data Handling	Collection and organisation of data, Mean, median and mode of ungrouped data. Constructing bar graph.		
16	Chance and Probability	Feel of probability using data through experiments. Notion of chance in events like tossing coins, dice etc		
17	Symmetry	Recalling reflection symmetry, idea of rotational symmetry. Operation of rotation through 90 and 180 degrees. Examples of figures that have reflection and rotation symmetry and vice-versa.		
18	Visualising Solid Shapes	Drawing 3D figures in 2D showing hidden faces. Identification and counting of vertices, edges, faces, nets.		

Science

<u>FA</u>	<u>Chapter</u>	<u>Topics to be covered</u>
FA 1	1. Nutrition in plants.	Modes of nutrition. Photosynthesis- materials required and products formed. Modes of nutrition in plants- parasitic, saprophytic, insectivorous. And symbiotic.
FA 2	2. Nutrition in animals.	Nutrition in animals and the steps involved. Digestive system of ruminants, humans and amoeba.
	13. Time and motion.	Standard units of measurement. Comprehending time and its measurement. Primitive methods of measuring time. Simple pendulum and its uses. Slow and Fast motion. Speed and average speed. Uniform and non uniform motion.
	.3. Animal Fibres. (Activity Only)	Wool- its types, sources and production. Learning about silk. Life cycle of a silk worm. Properties of silk and processing of silk.
	5. Writing chemical formulae.	Atoms and Molecules. Elements, compounds and mixtures. Chemical symbol and chemical formula. Valency. Method of writing chemical formula.
	15. Light and associated phenomena	Rectilinear propagation of light. Reflection of light. Real and Virtual Images. Image formation in plane mirrors. Curved mirrors-convex mirror and concave mirror. Lenses and image formation in lenses. Splitting of white light and spectrum.
	9. Soil: a natural resource	Formation of soil and weathering process. Soil profile types of soil. Properties of soil. Importance of soil erosion. Soil pollution and soil conservation.

	<p>17. Water: A life-giving liquid.</p> <p>14. Wind and Storm</p> <p>(REVISION)</p>	<p>Importance of water for living things. States of water and their interconversion. Comparing sources of water. Hardness of water-causes and removal. Scarcity of water and water conservation.</p> <p>Characteristics of wind. Expansion of air due to heat. Wind current and its causes. Thunderstorms. Cyclones and tornadoes. Safety measures during natural calamities.</p>
Time for SA 1		
FA		
FA 3	<p>4.Heat and temperature</p> <p>6. Acids bases and salts.</p>	<p>Heat- A form of energy. Temperature as the measurement of heat. Relationship between Celsius, Fahrenheit and Kelvin scales. Types of Thermometers and their uses. Conduction. Convection and Radiation. Thermos Flask and its working.</p> <p>Classification of substances as Acids, Bases and Salts. Acids and their general properties. Bases and their general properties. Indicators. Testing acids and bases using indicators. Uses of salts. Neutralization reaction.. Application of neutralization reaction in everyday life.</p>
	<p>7. Physical and chemical changes.</p> <p>8. Weather, Climate and Animal Adaptations.</p> <p>18. Forests and their conservation. (Activity Only)</p>	<p>Physical and chemical changes. Differences between physical and chemical change. Characteristics of chemical reaction. Displacement reaction and neutralization reaction. Method of crystallization.</p> <p>Understanding weather and climate. Major climatic regions of the earth. Polar regions and animals present there. Tropical rainforests and animals present there.</p> <p>Ecosystem in a forest and its importance. Deforestation and conservation of forests</p>
	<p>10. Respiration in organisms.</p> <p>11. Transportation and excretion.</p>	<p>Importance of respiration and steps involved. Respiration in human beings, plants and animals and types of respiration.</p> <p>Transportation of substances in animals. Circulatory system of humans. Process of excretion in humans and other animals. Transportation in plants and excretion.</p>

	19. Management of waste water. (Activity for holiday homework)	Waste water, water pollution and its harmful effects. Underground sewage system. Process and functioning of wastewater treatment plant. Uses of treated water and sludge. Alternative method for sewage disposal.
FA 4	12. Reproduction in plants.	Different modes of reproduction in plants. Pollination. Fertilization. Seed dispersal in plants.
	16. Electric current and simple circuits.	Flow of electric current. Construction of an electric circuit. Effects of electric current- Heating Effect and Magnetic effect. Working and uses of electromagnets. Electric bell and its working.
	(REVISION)	
Time for SA 2		

Social-studies

Term	Topics to be covered
F.A-1	History Ch-1 India in the Medieval Period Civics Ch- 1 Democracy and Equality
FA-2	History Ch-2 Emergence o f New Kingdoms Ch-3 The Sultans of Delhi Ch-4 The Mughal Empire Geography Ch-1 Our Environment Ch-2 The Structure of the earth Ch-3 The Interior of the Earth Ch-4 Landforms of the Earth (Only Activity) Civics Ch-2 Institutions of Democracy (Only Activity) Ch- 3 State Government Ch-4 Working of State Government Ch-5 Gender and Gender inequality (Only Activity)
S.A. 1= F.A.-2+ F.A.-2	

<u>F.A-3</u>	<p>History Ch-5 Architecture under the Delhi Sultanate and Mughals Ch-6 Towns , Traders and Craftsmen Ch-7 Social Change in Medieval Period (Only Activity)</p> <p>Geography Ch-5 Composition and structure of the Atmosphere Ch-6 Elements Of Whether and Climate Ch-10 Human Environment (Only Activity) Ch-8 Ocean water and their circulation</p> <p>Civics Ch-6 A Woman’s World (Only Activity) Ch-7 Understanding Media(Only Activity) Ch-8 Media and Advertising(Only Activity)</p>
FA-4	<p>History Ch-8 Religious Ideas in Medieval Period Ch9 Regional Cultures (Only Activity) Ch10 Rise of Autonomous States</p> <p>Geography Ch-9 Natural Vegetation and Wildlife Ch-7 Distribution of major water bodies. Ch-11 Life in Desert Regions – Sahara and Ladakh Ch-12 Life in Tropical and sub-Tropical Regions Ch-13 Life in Temperate Regions</p> <p>Civics Ch-9 Markets Around Us(Only Activity) Ch-10 Markets And Intermediaries Ch- 11Striving for Equality</p>
S.A. 2= F.A.-3+ F.A.-4	

Computers

	Chapters	Topics
FAI	Ch-1 Number System	Decimal & Binary Number System, Decimal to Binary Conversion, Binary to Decimal Conversion, Octal & Hexadecimal Number System, Computer Arithmetic, Binary Addition/Subtraction/ Multiplication/Division
FAII	Ch-2 Windows 7 Ch-3 Formulas & Functions	Starting Windows Explorer, Viewing Files or Folders, Working with the Control Panel, Changing Date & Time, About Fonts, My mouse is not working, Using onscreen Keyboard, Changing the mouse settings, Why to double-click the mouse, Avoid pressing two keys together, Put your computer in sleep mode Creating a Basic Formula, Using Compound & Text Formulas, Using Ranges in Formulas, Types of Cell Reference, Cell Reference of another Worksheet, Naming a Sheet Tab, Changing Colour of Sheet Tab, Functions & It’s Rules, Common Functions

	Ch-4 Using Excel as Database	Using Form to Enter Data, Adding New Record in a Form, Searching/Deleting a Record, Sorting/Filtering Data, Using Advanced Filter, Using Data Validation, Adding Subtotal in Database, Analyzing Data with Pivot Table
	Ch-5 Advance features of Excel	Components of a Chart, Creating a Chart, Commonly used Chart Types, Formatting a Chart Legend, Changing the Scale of Value Axis, Formatting Data Series, Inserting Picture, Using Goal Seek, Consolidating Data, Grouping Worksheet
	(REVISION)	

SAI (Chapter 1-5)

FAIII	Ch-6 Working with Flash CS3	What is Flash, To open Flash, The Workspace, Setting Document Properties, Drawing an Object & Grouping Outline with Fill, Applying Gradient Fill, Creating a New Gradient, Modifying a Linear Gradient, Editing Objects, Importing Graphics, Animation in Flash, Tint Tweening, Creating a Simple Text Shape Tween
FAIV	Ch-7 Working with Layers Ch-8 QBasic	Selecting/Renaming a Layer, Adding New Layers, Changing the Order of Layers, Hide & Show Layers, Lock a Layer, Masking in Flash, Rotating with Masking Effect, Using Onion Skin Tool Review of QBasic, Constants & Variables, Getting Started, QBasic Statements – CLS, Print, Input and End, GOTO, If.....Then and If.....Then.....Else
	Ch-10 Surfing Net & E-mail Ch-11 The Virus Animation using SCRATCH (REVISION)	Blogs, Twitter & Microblogging, Communication Services on the Internet, Newsgroup & Mailing List/E-Greetings Types of Virus, Virus Symptoms, Preventing a Virus Infection, Antivirus Software, Using an Antivirus Software Project based on Animation using SCRATCH

SAII (Chapter 6-8, 10,11)

ART & CRAFT

MONTHS	
July- August	<ul style="list-style-type: none"> ● Poster making on good health ● Slogan writing ● Pot making ● Collage work of different kinds ● Vegetable Printing.
September- October	<ul style="list-style-type: none"> ● Garden scene ● Flower making ● Sketch pen technique ● Diya making ● Candle making

November-December	<ul style="list-style-type: none">• Poster on reduce, reuse and recycle• Newspaper dress• Glass painting• Clay molding
January-February	<ul style="list-style-type: none">• Freehand drawing• Best out of waste• Landscape• Pen and ink