

Shreejee International School
Syllabus (2016-2017)
Grade-VIII
English

MONTH	READER	WORKBOOK	CONVERSATIONS (Listening & Speaking Activities)	GRAMMAR BOOK	WRITING SECTION
APRIL	Unit 1: Childhood	Worksheet 1	Unit 1: What I Like to Do	Ch 1 – The Sentence Ch 2 – Kinds of Sentence Ch 3 – Nouns Ch 5 – Countable and Uncountable Nouns	Story Writing
MAY	Unit 2: Relationships	Worksheet 2	Unit 2: The English Class	Ch 4 - Pronouns	
JULY	Unit 2: Relationships (Continued)	Worksheet 3	Unit 3: Beautiful Europe	Ch 7 – Verbs Ch 8 – Subject – Verb Agreement Ch 15 – Finite and Non Finite Verbs	Diary Entry
AUGUST	Unit 3: Making a Difference	Worksheet 4 & 5	Unit 4: Enjoying Films	Ch 6 – Adjectives Ch 9 - Adverbs	
SEPTEMBER	Unit 4: The spirit of Giving	Worksheet 6	Unit 5: Extreme Sports Unit 6: Fitness	Ch 10 - Determiners	
OCTOBER	Unit 5: Self-empowerment	Worksheet 7	Unit 7: Preserving Our Planet	Ch 11 – Preposition Ch 12- Conjunctions Ch 13- Interjections	Article Writing
NOVEMBER	Unit 6: Language and Literature	Worksheet 8	Unit 8: Enjoying Holidays Unit 9: Natural Disasters	Ch 16- Tense Ch 17-Modals	
DECEMBER	Unit 7: Mystery and Suspense	Worksheet 9 & 10	Unit 10: Innovations	Ch 18 – Phrase and Clause Ch 19 – Active and Passive Voice	
JANUARY	Unit 7: Mystery and Suspense (Continued)	Worksheet 11	Unit 11: Money Matters	Ch 19 – Direct and Indirect Speech	Letter to the Editor
FEBRUARY			Unit 12: Unity in Diversity	Ch 14 - Punctuation	

Story Book (Novel) : THE TIME MACHINE – BY H.G. WELLS

Hindi

Month	Main Course Book	Grammar Book
अप्रैल	पाठ-1- मातृभूमि पाठ-2- सदाचार का तावीज प्रश्न-उत्तर,मुख्य शब्द,सारांश,सरलार्थ	भाषा,लिपि और व्याकरण
मई	पाठ-3-गान-युद्ध पाठ-4-स्नेह-शपथ प्रश्न-उत्तर,मुख्य शब्द,सारांश,सरलार्थ	वर्ण विचार,संज्ञा,लिंग,वचन
जुलाई	पाठ-5-कोटर और कुटीर पाठ-6-अकबरी लोटा प्रश्न-उत्तर,मुख्य शब्द,सारांश,सरलार्थ	कारक,सर्वनाम,विशेषण,संधि
अगस्त	पाठ-7-सुनयना की डाइरी पाठ-8-कोई दिन अशुभ नहीं प्रश्न-उत्तर,मुख्य शब्द,सारांश,सरलार्थ,पाठ का महत्व	क्रिया,अव्यय,वाच्य
सितंबर	पाठ-9-हम दिवानों की क्या हस्ती पाठ-10-कलेंडर कलाकार प्रश्न-उत्तर,मुख्य शब्द,सारांश,सरलार्थ,पाठ का महत्व	वाक्य,विराम-चिह्न,पद-परिचय
अक्टूबर	पाठ-11-शास्त्रार्थ पाठ-12-नीलकंठ प्रश्न-उत्तर,मुख्य शब्द,सारांश,सरलार्थ,पाठ का महत्व	उपसर्ग,प्रत्यय,शब्द-भंडार
नवंबर	पाठ-13-मेरा नया बचपन पाठ-14-मीठा प्रश्न-उत्तर,मुख्य शब्द,सारांश,सरलार्थ,पाठ का महत्व	मुहावरे,पत्र-लेखन,समास
दिसंबर	पाठ-15-शहीदों के पत्र पाठ-16-अजंता एलोरा की गुफाए प्रश्न-उत्तर,मुख्य शब्द,सारांश,सरलार्थ,पाठ का महत्व	अनुच्छेद,अपठित गद्यांश

जनवरी	पाठ-17-शक्ति और क्षमा पाठ-18-विज्ञापन ही विज्ञापन प्रश्न-उत्तर, मुख्य शब्द, सारांश, सरलार्थ, पाठ का महत्व	निबंध, वर्तनी संबंधी सामान्य अशुद्धियाँ
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Mathematics

Months	Chapter	Topics to be covered	
April-May	1.Rational numbers	<ul style="list-style-type: none"> • Comparison of rational numbers • Properties of rational numbers • Representation of rational numbers on the number line • Finding rational numbers between two rational numbers 	Maths Lab Activity(Addition and subtraction)
	2.Exponents and powers	<ul style="list-style-type: none"> • Integral exponent of a rational number • Negative exponent • Reciprocal of rational numbers with positive exponents • Reciprocal of rational numbers with negative exponents • Expansion • Laws of exponents for negative exponents • Expressing very large and very small numbers in standard form • Comparing very large and very small numbers 	
	3.Squares and square roots	<ul style="list-style-type: none"> • Properties and patterns of square numbers • Pythagorean triplets • Square root of numbers 	
July	4.Cubes and cube roots	<ul style="list-style-type: none"> • Perfect cubes • Properties of Cubes of Numbers • Cubes of rational Numbers and Negative Integers • Cube roots: Finding Cube Root of a number 	Maths Lab Activity(Algebraic expressions)
	5,6 .Algebraic expressions and identities	<ul style="list-style-type: none"> • Classification of algebraic expressions • Addition and subtraction of algebraic expressions • Multiplication of algebraic expressions 	

	14. Understanding quadrilaterals	<ul style="list-style-type: none"> the interior angles, sum of exterior angles, Quadrilaterals: convex and concave, angle sum property Types of quadrilaterals: parallelogram, rectangle, rhombus, square, trapezium, kite 	
December	15. Construction of quadrilateral 17,18. Mensuration	<ul style="list-style-type: none"> Construction of quadrilaterals: given four sides and one diagonal; given three sides and two diagonals; given two adjacent sides and three and two included angles Some special cases Area of a trapezium Area of a quadrilateral Area of a polygon Solid shapes Surface area: cuboid, cube, cylinder Volume: cuboid, cube, cylinder 	Maths Lab Activity (checking the conditions of construction of a quadrilateral)
January	19. Playing with numbers 20. Frequency distribution and bar graph 21 Histogram, Pie chart, Line graph 22. Probability	<ul style="list-style-type: none"> Numbers in generalized form Reversing the digits Tests of divisibility Letters for digits Presentation of data Frequency distribution Group frequency distribution Bar graph Histogram Pie chart/circle graph Location of a point Application of linear graph Theoretical approach to probability, Theoretical probability 	Maths Lab Activity (Finding the area of trapezium)

Science

Months	Chapter	Topics to be covered
April	2. Microorganisms 10. Force and friction	Types of microorganisms, useful microorganisms, harmful microorganisms, food preservation Force, types of forces, its effects, What causes friction? Advantages and disadvantages of friction, minimizing and increasing friction, fluid friction

May	3.Synthetic fibers and plastic 7.Cell- structure and function	Polymers, synthetic fibers, plastic The cell theory, Unicellular and microcellular organisms, plant and animal cells, growth and division
July	4.Metals and non- metals 1.Crop production and management	Occurrence of metals and non- metals, properties of metals and non-metals, the reactivity series of metals, uses of common metals and non-metals, noble metals, corrosion of metals. Food from plants, agricultural practices, increasing crop yield, nitrogen fixation and nitrogen cycle, food from animals.
August	15.light 17.Human intervention in natural phenomena	Light, reflection, laws of reflection, regular and diffused reflection, human eye, defects of the eye, nutrition and eye health. Deforestation, fossil fuels, over extraction of fossil fuels, conservation of fossil fuels.
September	18.Pollution of water and air	Pollution and conservation of water, pollution and conservation of air.
October	5.Combustion and fossil fuels 6.Conservation of plants and animals	Combustion, extinguishing a fire, flame, fuels, impact of burning fuels on the environment, Natural resources, fossil fuels, coal, petroleum, natural gas, preventing an energy crisis Biodiversity, flora and fauna, conservation of forests and wildlife, biosphere reserves, red data book
November	9.Reproduction 8.Reaching the age of adolescence	Sexual reproduction, internal and external fertilization, reproduction in humans, metamorphosis, asexual reproduction The endocrine system, puberty and adolescence, health for adolescents, drug abuse and AIDS
December	12.Sound 16.Stars and solar system 11.Pressure	How is sound produced and its characteristics, how sound travels, functioning of the human ear, reflection and absorption of sound, musical sound and noise The universe, galaxies, stars, planets, satellites and constellations, measuring distances in the universe, the solar system, the origin of the universe Pressure, types of pressure ,application of pressure, numerical related to pressure
January	14.Some natural phenomenon 13.Chemical effects of electric current	Electric charges, lightning, earthquakes, protection against earthquakes. Concept of change and its types, attraction and repulsion of charges, detection and measurement of charge, flow of charge, lightning, safety during lightning, Richter scale, causes and effects of earthquakes, protection against earthquakes

MORAL VALUES

Months	Story
April	Be in Control
May	A Good Sportsman
July	Finding Solution Solidarity Of Mankind Teamwork
Aug	Be Self- Reliant Be Positive
Oct	Purity in Public Life
Nov	Practice Non- Violence
Dec	Say No To Temptation Universal Truth
Jan	Save The Environment
Feb	Everyone is Equal

Social Science

Months	Subject	Ch.No.	Chapter Name	Activities
APRIL	HIS	1	The modern period	
	GEO	1	Resources	Activity based
	CIV	1	The constitution and the need of laws	
	CIV	2	Ideals of our constitution	
MAY	HIS	2	The expansion of the British power	
	GEO	2	The natural resources-Land ,soiland water	Brief outline
	CIV	3	The Parliamentary system	
JULY		3	Life in rural areas	Activity based
	HIS	4	Tribal communities	
		3	Natural resources-natural vegetation and wildlife	
	GEO	4	Mineral resources and power	Activity based
		4	The Judiciary	
	CIV	5	The police and the courts	
AUGUST	HIS	5	Crafts and Industries	
	GEO	5	Agriculture	
SEPTEMBER	CIV	6	Marginalization and social justice	Brief outline
	HIS	6	The great uprising	Map work
OCTOBER	HIS	7	Education and British rule	
	GEO	6	Major crops and agriculture	
	GEO	7	Manufacturing Industries	Activity based
NOVEMBER	HIS	8	Reforms in Indian society	

	HIS	9	Colonialism and Urban change	Case study
	GEO	8	Industries combative studies	
	CIV	7	Untouchability-A social evil	Brief outline
DECEMBER	HIS	11	National movement-First phase	Case study
	HIS	12	National movement- Second phase	
	GEO	9	Human resources	Brief outline
	CIV	8	Government for development	
JANUARY	HIS	13	India after Independence	
	HIS	10	Changes in arts	

SUBJECT – FRENCH

Months	Chapter	Topics
April-May	0.	<ul style="list-style-type: none"> La publicité
	1.	<ul style="list-style-type: none"> Les pays francophones
	2.	<ul style="list-style-type: none"> Dans un magasin de vêtements
July	3.	<ul style="list-style-type: none"> Voulez-vous un coup de main?
Aug-sep	4.	<ul style="list-style-type: none"> Mon dernier week-end
	5.	<ul style="list-style-type: none"> L'heure du conte
Civilization		
Months	Chapter	Topics
Oct-Nov	6.	<ul style="list-style-type: none"> Rien ne marche bien
	7.	<ul style="list-style-type: none"> Je suis en retard
Dec	8.	<ul style="list-style-type: none"> Vincent va organiser une fête
	9.	<ul style="list-style-type: none"> Seul à la maison
JAN	10	<ul style="list-style-type: none"> Quelle surprise

Computer

Month	Theme	Chapters	Topics
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April-May	Communication	Ch-1 Networking Concepts	Networking and its advantages, Networking Components, Types of Networks, Network Architecture, Accessing file from Shared Drive, Network Security
	Multimedia	Ch-2 Windows Movie Maker	Features of Windows Movie Maker, Starting Windows Movie Maker, Components of Windows Movie Maker, Adding Images and Videos, Adding Audio Files, Applying Transitions and Visual effects, Adding Title, Caption and Credits, Editing Media Clip, Saving and Exporting a Movie
July	Database	Ch-3 Log on to Access	Types and Structure of Database, What is Microsoft Access, Features and Components of MS Access 2010, Creating Blank Database, Creating Tables using Templates, Closing Access Application
August		Ch-4 Working with Tables	Data Types, Views of a Table, Creating and Entering Data in a Table, Adding/Editing Records in a Table, Adding and Deleting a Row, Sorting Data in a Table, Opening an existing Database
		Ch-5 Working with Queries	Setting Relationship between Tables, Creating a Query, Specifying Simple/Multiple Criteria, Forms & Reports
September	Multimedia	Ch-6 Adobe Photoshop CS3	Features, Starting Adobe Photoshop CS3, Components of Photoshop CS3, Creating New File, Inserting Images & Text, Palettes/Opening an Image, Selection Tools/Crop Tool/Move Tool, Common Paint tools in Photoshop
		Ch-7 More on Photoshop CS3	Painting & Retouching Tools, Blur, Sharpen and Smudge Tools, Path type, Shape and Viewing Tools, Using Image Menu, Layers

October	Programming Skills	Ch-8 Visual Basic 2010 Express	Introduction, Event Driven Programming, Modes of VB Program, Starting VB 2010 Express, Components of VB 2010 IDE, Developing a VB Application, Writing codes for an event, Executing VB 2010 Project, Saving, Closing and Opening VB Project
November		Ch-9 More on Visual Basic 2010 Express	Adding Image & Shape, Variables & Operators, Control Statements, Radio Button and Check Box Control, Select Case/Do...While/For....Next statements
December		Ch-10 Understanding HTML	History, HTML Tags/Structure of an HTML Document, Creating & Viewing HTML Document, Attributes, Types of Elements, Changing Appearance of Text, Changing Font, Size, Text colour & Background, Top & Left Margin
January		Ch-11 Using List & Creating a Table	Ordered & Unordered List, Type Attribute, Marquee, Creating Table/Attributes of Table Tag, Attribute of <TR><TD> and <TH> Tags, Linking web pages, Inserting Images
February	Internet Applications	Ch-12 Surfing Internet	WWW, Multimedia, Real Time Communication, Skype, Creating a Blog

G.K.

Month	Chapter	Topics
April-may	Unit1	Our Green world
July	Unit 2	Animal kingdom
August	Unit 3	Language and literature
September	Unit 4	India- Our Country
October	Unit 5	World Around Us
November	Unit 6	Science and Technology

December	Unit 7	Recreation
January	Unit 8	Life Skills and Environment
February	-	Miscellaneous

Art and Craft

<i>Months</i>	<i>Topic</i>
April – May	Study of Light and Shade in Pencil Shading Sketch pen work Still life Story Illustration
June – August	Landscape with water and pastel colours Mughal Art Study of Tree and Bird with Pen Study of Perspective
Sept-October	Charcoal technique Collage with Paper Cutting and Tearing Nature Study
Nov- December	Study on Canvas Composition on Christmas Festival Study of Still Life in Pastel colour
Jan- February	Poster Making with water colours Different object with Paper mashie Texture study