



SACRED HEART SCHOOL

(Affiliated to CBSE, New Delhi, up to +2 Level, Affiliation No. - 3430224)

Near Sankat Mochan Mandir, Asnabad, Jhumri Telaiya, Koderma

Email: shstelaiya@gmail.com website: - www.sacredheartkoderma.org

SPLIT UP SYLLABUS (2023 - 24)

Subject: English

Class : VII

Month	Honeycomb	An Alian Hand	Activities/Project	Grammar
April	Ch-1 'Three Questions' and poem 'The Squirrel'	Ch-1 'The Tiny Teacher'	Summary narration and poem recitation	Noun(use of Collective Noun and Abstract Noun)
May	Ch- 2 'The Gift of Chappals' and poem ' The Rebel'	Ch-2 Bringing up Kari'	Poem recitation	Articles (Use of a/an and the)
June	Ch-3 'Gopal and the Hilsa Fish' and poem 'The Shed'	Ch-3 ' The Desert'	Role Playing	Tense (Present Tense) and Notice Writing
July	Ch - 4 'The Ashes that Made Trees Bloom' and poem 'Chivvy'	Ch- 4 'The Cop and the Anthem'	Summary narration and poem recitatin	Tense (Past Tense and Future Tense) and letter writing (formal letter)
August	Ch- 5 'Quality' and poem 'Trees'	Ch- 5 ' Golu Grows a Nose'	Speech on Discipline and poem recitation	Voice (Active and Passive Voice), essay writing on 'Global Warming'
September	Revision & Term - I Examination			
October	Ch- 6 'Expert Detectives' and poem 'Mystery' of the Talking Fan'	Ch- 6 'I Want Something in a Cage'	Summary narratiion and role playing	Essay writing 'Cruelty to Animals'
November	Ch- 7 'The Invention of Vita-Wonk' and poem ' Dad and the Cat and the Tree'	Ch- 7 ' Chandni'	Story telling and poem recitation	Letter writing (Informal letter) and Preposition
December	Ch- 8 'Fire : Friend and Foe' and poem 'Meadow Surprises'	Ch-8 'The Bear Story'	Conversation and poem recitation	Reported Speech (Narration)

January	Ch-10 'The Story of Cricket' and poem 'Garden Snake'	Ch-9 'A Tiger in the House'	Conversation and poem recitation	Sentence and notice writing
February	Revision	Revision	-----	Essay writing on 'Importance of Games and Sports'
March	Revision & Term – II Examination			

Portions for Examination:

Periodic Test 1 : Honeycomb- Ch-1 and 2 with poems
 Supplementary Book – Ch- 1 and 2
 English Grammar and Composition- Noun and Notice Writing

Term – I Examination : Honeycomb -Ch- 1, 2,3,4 and 5 with poems
 Supplementary Book- Ch- 1,2,3,4 and 5
 English grammar and composition- Articles, Tense, Voice, Essay Writing, Notice Writing and Letter Writing

Periodic Test 2 : Honeycomb- Ch – 6 & 7 with Poems
 Supplementary Book – Ch 6 & 7
 Eng. Grammar & Composition – Voice and Letter Writing

Term – II Examination : Honeycomb -Ch- 4, 5, 6, 7, 8 & 10 with poems
 Supplementary Book- Ch- 1 & 5 to 9
 English Grammar and Composition- Preposition, Tense, Voice, Reported Speech, Essay Writing, Notice Writing and Letter Writing

Hindi

(अप्रैल से सितंबर)

माह	पाठ्यपुस्तक – वसंत	व्याकरण	महाभारत
अप्रैल	पाठ – 1 (हम पंक्षी उन्मुक्त गगन के), पाठ – 2 (दादी माँ)	भाषा और व्याकरण, वर्ण विचार	संक्षिप्त विवरण, पात्रों का परिचय
मई	पाठ – 3 (हिमालय की बेटियाँ), पाठ – 4 (कठपुतली)	शब्दविचार	शान्तनु का परिचय
जून	पाठ – 5 (मिठाईवाला)	शब्दविचार	गंगा पुत्र भीष्म का परिचय
जुलाई	पाठ – 6 (रक्त और हमारा शरीर), पाठ – 7 (पापा खो गए)	संज्ञा एवं भेद, पर्यायवाची शब्द, अनेकार्थी शब्द	भीष्म प्रतिज्ञा
अगस्त	पाठ – 8 (षाम एक किसान), पाठ – 9 (चिड़िया की बच्ची)	एकार्थक शब्द, भिन्नार्थक शब्द, कहानी लेखन, पत्र, निबंध	पाण्डवों और कौरवों में मतभेद
सितंबर	पाठ – 10 (पूर्व अनुभव) ,पुनरावृत्ति एवं अर्द्धवार्षिक परीक्षा	समास और उसके भेद	पुनरावृत्ति एवं अर्द्धवार्षिक परीक्षा
(अक्टूबर से मार्च)			
अक्टूबर	पाठ – 11 (रहीम के दोहे), पाठ – 12 (कंचा)	व्याकरण – पत्र लेखन और समास विग्रह के नियम	पाण्डवों का वनवास
नवंबर	पाठ – 13 (तिनका), पाठ – 14 (नीलकंठ)	संज्ञा और सर्वनाम के भेद, पत्र लेखन, निबंध लेखन	पाण्डवों द्वारा राज्य का वापस माँगना
दिसंबर	पाठ – 15 (घोर बरखा), पाठ – 16 (वीर कुँवर सिंह), पाठ – 17 (हॉकी खिलाड़ी धनराज पिल्लई)	लिंग, वचन, कारक और विराम चिन्ह	पाण्डव और कौरवों का युद्ध।
जनवरी	पाठ – 18 (आजमाया प्रयोग), पाठ – 19 (बिप्लव गायन)	विशेषण, क्रिया, काल, निबंध और पत्र	युद्ध में पाण्डवों की विजय
फरवरी + मार्च		पुनरावृत्ति कार्य एवं वार्षिक परीक्षा	

Mathematics

Month	Chapter Name	Contents of the Chapter
April	Ch. 1 – Integers	Integers, Properties of Addition, Subtraction of integers, Additive Identity, Multiplication of Integers
May	Ch. 2 – Fraction and Decimal	Proper Fraction, Improper Fraction, Mixed Fraction
June	Ch. 5 – Lines and Angles	Ray, Lines, Types of Angles
July	Ch. 6 – The Triangle and its Properties	Triangle, Median, Altitude, Exterior & Interior Angle, The Angle Sum Property of a Triangle, Pythagoras Theorem
August	Ch. 7 – Congruence of Triangles	Congruence of plain figure
	Ch. 4 – Simple Equation	Applicatios of Simple Equation to Practical Solutions
September	Ch. 3 – Data Handling	Collection & Organising of Data, Raw Data, Arithmetic Mean, Range, Array, Median, Mode, Bargraph, Probability, Frequency Distribution Table, Histogram
	Revision & Term. – 1 Examination	
October	Ch. 12 – Algebraic Expression	Algebraic Expressions, Variable, Constant, Term, Coefficients, Monomials, Binomials, Trinomials & Polynomials.
	Ch. 13 – Exponents and Powers	Exponents, Powers, Laws of Exponents
November	Ch. 10 – Practical Geometry	Constructions
December	Ch. 11 – Perimeter and Area	Rectangle, Square, Parallelogram, Triangle, Quadrilateral, Circle, Rhombus, Trapezium
January	Ch. 8 – Comparing Quantities	Ratio, Equivalent Ratio, Percentage, Profit and Loss
	Ch. 9 – Rational Numbers	Rational Numbers, Irrational numbers, Positive and Negative Rational Numbers, Rational Number in standard form, Comparison of Rational Number
February	Ch. 15 – Visualising Solid Shapes	Dimensional Figures, Faces, Edges, Vertices
	Ch. 14 – Symmetry	Line Symmetry, Regular Polygon, Rational symmetry
March	Revision & Term. – 2 Examination	

Portions for Examination:

Periodic Test 1	:	Ch. 1 – Integers, Ch. 2 – Fraction and Decimal, Ch. 5 – Lines and Angles
Term. – 1 Examination	:	Ch. 1 – Integers, Ch. 2 – Fraction and Decimal, Ch. 3 – Data Handling, Ch. 4 – Simple Equation , Ch. 5 – Lines and Angles , Ch. 6 – The Triangle and its Properties, Ch. 7 – Congruence of Triangles
Periodic Test 2	:	Ch. 10 – Practical Geometry Ch. 11 – Perimeter and Area, Ch. 12 – Algebraic Expression
Term. – 2 Examination	:	Ch. 8 – Comparing Quantities , Ch. 9 – Rational Numbers , Ch. 10 – Practical Geometry , Ch. 11 – Perimeter and Area , Ch. 12 – Algebraic Expression , Ch. 13 – Exponents and Powers, Ch. 14 – Symmetry , Ch. 15 – Visualising Solid Shapes

Subject: Science

Month	Chapter Name	Chapter Content	Activities/Project
April	Ch- 1 Nutrition in Plants	Autotrophic and Heterotrophic nutrition; parasites, saprophytes, photosynthesis	<ul style="list-style-type: none">• Make a chart on other modes of nutrition.
	Ch- 2 Nutrition in Animals	Types of nutrition , nutrition in amoeba and human beings, digestive system – human, ruminants ; types of teeth; link with transport and respiration.	<ul style="list-style-type: none">• Draw the diagram of teeth , tongue and human digestive system.
May	Ch- 3 Heat	Heat, temperature, thermameter, types of thermameter, temperature scale, transfer of heat, conduction, convection and radiation.	<ul style="list-style-type: none">• Experiment to show that hot and cold are relative.• Experiment to show conduction, convection and radiation.• Reading a thermameter.
June	Ch- 4 Acids, bases and salts	Acids, types of acids, uses of acids, bases, types of bases, uses of bases, Indicators, types of indicators, uses of indicators, neutralisation reaction.	<ul style="list-style-type: none">• Testing solutions of common substances like sugar, salt , vineger, lime juice etc, with turmeric, litmus , china rose indicators.
July	Ch- 5 Physical and Chemical changes	Physical change , chemical change, rusting, crystallisation, galvanisation.	<ul style="list-style-type: none">• Activity to show that physical change and chemical change; Folding a paper, streching a rubber band, lighting a candle.
	Ch- 6 Respiration in organisms	Respiration in plants and animals, plants living in water, water animals.	<ul style="list-style-type: none">• Experiment to show plants and animals respire.
August	Ch-7 Transportation in Animals and Plants	Herbs, shurbs,trees; transport of food and water in plants ; circulatory and excretion system in animals ; sweating.	<ul style="list-style-type: none">• Experiment on dialysis using cell membrane.• Discussion on dialysis,important.
September	Revision & Term – I Examination		
October	Ch- 8 Reproduction in plants	Vegetative part of plant, asexual and sexual reproduction in plants, pollination- cross , self pollination , polinators, fertilization, fruits , seed.	<ul style="list-style-type: none">• Growing a plants from seed, stem.
Nobember	Ch-9 Motion in Time	Appreciation of idea of time and need to measure it, measurement of time using periodic events.	<ul style="list-style-type: none">• Plotting distance Vs time graph for uniform motion.• Measuring the distance covered by object moving on a road in a given time.
	Ch-10 Electric Current and its effect	Electric circuit, symbols for different elements of circuit, heating effect of current, fuse, A current carrying wire has an effect on a magnet, working of an electric bell.	<ul style="list-style-type: none">• Drawing circuit diagram.• Activity to show the heating effect of electric current.• Activity to show the magnetic effect of electric current.• Making a simple electromagnet.

December	Ch- 11 Light	Rectilinear propagation of light, reflection , certain surfaces reflect light, real and virtual images, dispersion of light.	<ul style="list-style-type: none"> • Observation of the source of light through straight tube and a bent tube. • Making a newton disk.
	Ch-12 Forests- Our lifeline	Interdependence of plants and animals in the forests, types of plants in forest, useful product of forest, effect of forest on nature.	<ul style="list-style-type: none"> • Case study of forest. • Case study of forest fire.
January	Ch- 13 Waste water story	Sewage; different steps to treatment the sewage water, need for sewage system.	<ul style="list-style-type: none"> • Identifying locations with open drains, stagnant water and possible contamination of ground water by sewage.
February	Revision	Revision	Revision
March	Revision & Term - II Examination		

Portions for Examination:

Periodic Test 1 : Ch- 1 ,2, 3

Term – I Examination : Ch- 1 to 7

Periodic Test 2 : Ch- 8 ,9, 10

Term – II Examination : Ch- 8 to 13 and ch- 6 , 7 from previous portion.

Sanskrit**(अप्रैल से सितंबर)**

मासाः	पाठ्यपुस्तकम्-संस्कृत-मंजूषा	व्याकरण – मणिका संस्कृत व्याकरण
अप्रैल	एषः बालकः/एषा बालिका	संस्कृत वर्णमाला, वर्ण संयोजनम्, वर्ण विन्यासः च। शब्दरूप – एतत्, (पुल्लिंग, स्त्रीलिंग)
मई	एते बालकाः। एताः बालिकाः	कारक-चिह्न, धातुरूप-पठ्, खाद, वद् (लट् लकारे)
जून	त्वम् किम् करोषि?	शब्दरूप-युष्मद्, किम् शब्द, अव्यय-सायम्, आम्, नहि, कुत्र, तत्र,अत्र,अद्य, यदा,तदा,कदा
जुलाई	यूयम् किम् कुरुथ। तौ बालको। ते बालिके किम् कुरुतः।	तत् शब्दरूप, धातुरूप- अस्, कृ (पाँचों लकार) पशु, पक्षिणाम् नामानि।
अगस्त	एषः कः, एतत् किम्	संख्या – 1 से 20, संकेताधारित वार्तालापः, सरलाः गद्यांशः, धातुरूप – गम्, क्रीड् (लट्, लङ्., लृट्)
सितंबर	अहम् गुहम् पश्यामि	शब्दरूप – अस्मद्, फलानाम् नामानि, पुनरावृत्ति एवं अर्द्धवार्षिक परीक्षा

(अक्टूबर से मार्च)

अक्टूबर	सः कलमेन लिखति। सः पठनाय गच्छति।	अव्यय – कथम्, सह, प्रति, वार्तालापः, अनुवाद कार्यम्
नवंबर	सः अध्यापकात् पठति। राहुलस्य विद्यालयः	उपपद विभक्ति, प्रति, सह, नमः, परितः, सरलाः, गद्यांशः
दिसंबर	सः विद्यालये पठति।	इकारान्त शब्दरूप, अशुद्धिसंशोधन, संख्या 20 से 30, पर्यायाः एवं विपर्यायाः
जनवरी	मम संकल्पः।	प्रत्यय – क्त्वा, ल्यप्, धातुरूप – पठ्, खाद, वद, क्रीड्, लट्, लङ्., लृटलकारे च।
फरवरी	सूक्तयः, एकः परिवारः	चित्र वर्णनम्
मार्च	पुनरावृत्ति/वार्षिक परीक्षा	पुनरावृत्ति/वार्षिक परीक्षा

Social Science

Month	Chapter Number & Name			Practical/Project
	History	Geography	Civics	
April	1. Tracing Changes Through A Thousand Years	1. Environment	1. On Equality	Make a beautiful picture of our surroundings .
May	-----	2. Inside Our Earth	-----	Map practice from the map book { CH 1 to 7}
June	2. New Kings and Kingdoms	3. Our Changing Earth/ Air	-----	-----
July	3. The sultans of Delhi	4. Water	2.Role of the Government in Health	Map practice from the book{ ch 8 to 15}
August	4. The Creation of an Empire 5. Architecture as a Power: Forts and Sacred Places	-----	3.How the State Government Works 4. Growing up as Boys ans Girls	-----
September	Revision & Term. – 1 Examination			
October	6. Towns , Traders and Craftsmen	5. Natural Vegetation and Wild Life	5.Women change the world	Map practice from the book { ch 16 to ch 22}
November	7. Social Changes: Mobile and Settled Communities 8. Popular Beliefs and Religious Debates	6. Human Environment	6. Understanding Media	-----
December	9. The Flowering of Regional Cultures	7. Human-Environment Interaction	7. Market Around us	Map practice from the book { ch 23 to ch 28}
January	10. New Political Formations in the 18 th Century	-----	8. A Shirt in the Market	Map practice from the book { ch 29 to 35}
February	Revision	Revision	Revision	Revision
March	Revision & Term. – 2 Examination			

Portions for Examination:

Periodic Test 1 : History: ch 1, Geography: ch 1&2, Civics: ch1

Term. – 1 Examination : History: ch 1 to 5 , Geography : ch 1 to 4 , Civics: ch 1 to 4

Periodic Test 2 : History: ch 5 &6 , Geography: ch 5 , Civics: ch 5

Term. – 2 Examination : History: ch 5 to 10, Geography: ch 5 to 7, Civics: ch 5 to 8

Computer

Months	Chapter Name	Theory Topic	Practical Topic
April	Number Systems	<ul style="list-style-type: none"> • Decimal No. system, Binary No. System, Octal No. System, Hexadecimal No. System, Conversions in Number System, Computer Arithmetic 	Revision of Microsoft Powerpoint 2016
May	Charts in MS Excel	<ul style="list-style-type: none"> • Components of Chart, Commonly used Charts, Creating a chart, Resizing and Moving a chart, Chart formatting, Grouping Worksheet and Consolidating Data 	<ul style="list-style-type: none"> • Introduction to HTML • Basic Formatting in HTML
June	Images, Links and Frames in HTML5	<ul style="list-style-type: none"> • Inserting Images, Linking Web pages, 	Styling Text, Images and Lists <ul style="list-style-type: none"> • Text styling with HTML
July	Images, Links and Frames in HTML5	<ul style="list-style-type: none"> • CSS and Links, Inserting Audio and Video, Frames and IFrames 	Styling Text, Images and Lists <ul style="list-style-type: none"> • Adding and styling Images • List in HTML • Hyperlink with HTML
August	Artificial Intelligence	<ul style="list-style-type: none"> • Artificial Intelligence: Our Constant Companion • History, Need, Types, AI Domain 	Revision of Python <ul style="list-style-type: none"> • Installing Python • Working Modes of Python • Variables • Data Types in Python • type(), input() FUNCTION
September	Artificial Intelligence	<ul style="list-style-type: none"> • Developing Intelligent System • Uses of AI in Various Fields • Future potential of AI 	<ul style="list-style-type: none"> • Operators in Python • Precedence of Operators • Comments in Python • Control Structure • Conditional Statement
October	Exploring GIMP	<ul style="list-style-type: none"> • Features of GIMP • Starting GIMP • Components of GIMP • Windows Modes in GIMP • Creating and opening a New File 	Operators in Python <ul style="list-style-type: none"> • Types of Operators in Python • Operator Precedence • BODMAS and PEDMAS
November	Lists and Tables in HTML5	<ul style="list-style-type: none"> • List- Unordered and Ordered • Properties of Lists • Creating Nested and Description Lists 	• MS Excel Revision
December	Lists and Tables in HTML5	<ul style="list-style-type: none"> • Tables and its Attributes 	• GIMP
January	Robotics	<ul style="list-style-type: none"> • Introduction to Robotics • Importance of Robotics in Daily Life • Creation and Designing of Robots • Evolution of Robots • Types of Robots • Three Laws of Robotics • Components and Applications of Robots • Advantages and Disadvantages of Robots • Future of Robots: Humanoid 	Using Excel as Database <ul style="list-style-type: none"> • Using a Form to Enter Data • Adding New Record in a Form • Searching a Record • Sorting Data

February	Statements in Python	<ul style="list-style-type: none"> • Introduction to Control Statements • Types of Control Statements • Sequential Statements • Different Forms of conditional statements • Revision for Final Examination(Term 2) 	Using Excel as Database <ul style="list-style-type: none"> • Using Advanced Filter • Using Data Validation • Adding Subtotal in Database • Analysing Data with Pivot Table
March	Revision + Practical Test	<ul style="list-style-type: none"> • Revision for Final Examination (Term 2) 	<ul style="list-style-type: none"> • Practical Exam(Term 2)

Portion of PT -1

Computer Practical	HTML and MS PowerPoint 2016
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Portion of Term -1

Number Systems, Charts in MS Excel, Images, Links and Frames in HTML5, Artificial Intelligence
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Portion of PT -2

Computer Practical	Statements in Python, Iterative statements
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Portion of Term -2

<ul style="list-style-type: none"> • GIMP • Introduction to Python • More on python 	<ul style="list-style-type: none"> • Lists and Tables in HTML • Images, Links and Frames in HTML
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G. K.

Months	Book- Know for sure
April	The Natural World <ol style="list-style-type: none"> 1. How animals adapt 2. Antarctic Adventures 3. Geo Wonders Current Affairs
May	The Natural World <ol style="list-style-type: none"> 4. Forest Quest 5. How Plants adapt Current Affairs
June	The Natural World <ol style="list-style-type: none"> 6. Threats to Wildlife 7. Kingdom of the Ocean Current Affairs
July	Things Around Me <ol style="list-style-type: none"> 1. Eco Crossword 2. Environmental threats 3. Tackling garbage 4. Making recycled paper 5. Deadly disaster 6. Conserving water Current Affairs
August	Art and Culture <ol style="list-style-type: none"> 1. Screen Names 2. Legend of Indian Cinema 3. Celebrities who care 4. Amazing artists 5. Entertainment awards Current Affairs
September	Sports <ol style="list-style-type: none"> 1. Counting on courage 2. Playing hockey 3. Cricket Twenty20 4. Martial Arts 5. Game for Pool 6. Sporting Stars Current Affairs
October	Numbers and Logical Skills <ul style="list-style-type: none"> • Logical reasoning 1 • Brain Teaser • Logical Reasoning 2 • Maths Magic • Pricky puzzles
November	The World Around Us <ul style="list-style-type: none"> • Ships ahoy! • Tribes of India • Famous trains • The United Nations • Parliaments of the world • Famous People • Human-made wonders of the world • Business giants • Governing systems Current Affairs

December	The World Around Us <ul style="list-style-type: none"> • Castles and Palaces • Talking 21st century • Lost cities • Famous explorers • Around the world • Guess the brand • Nobel Women • Tradition tours • Knowing eastern India Current Affairs
January	Science and Technology <ul style="list-style-type: none"> • Unique Universe • Science quiz • On the move • Branches of Science • Space quiz • Indian scientists and inventors • The chemistry of it • IT queries • 20th century inventions
February	Language and Literature <ul style="list-style-type: none"> • Mythical creature • Riddles • Story time • Book land • Language word search • Guess the words • Answering History • Newspaper Revision for Term 2 <ul style="list-style-type: none"> • Quiz yourself 1,2 and 3 • Model Test Paper 1 and 2 Current Affairs
March	Revision and Final Examination (Term 2)

Portion of PT-1

General Knowledge	The Natural world and Current Affairs
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Portion of Term-1

General Knowledge	<ul style="list-style-type: none"> • The Natural World, Things Around Me, Art and Culture and Sports • Current Affairs
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Portion of PT-2

General Knowledge	<ul style="list-style-type: none"> • Numbers and Logical Skills • The World Around Us
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Portion of Term-2

General Knowledge	<ul style="list-style-type: none"> • Numbers and Logical Skills • The World Around Us • Science and Technology • Language and Literature • Current Affairs
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