

St. Stephen's School Birati

Syllabus 2023-24

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Aims & Objectives of Curriculum

English

- To guide a child to learn English by introducing the letter and easy words in lower classes and focusing on development of effective communication using listening, speaking, reading and writing skill in higher classes.
- To help them develop an elegant cursive writing.
- To help learners read and understand simple words, phrases, sentences, paragraphs, recite rhymes and poems.

Mathematics

- To develop fundamental concepts of numbers, orders, units of measurements, size and shapes.
- To guide students to develop the ability to perform four basic operations.
- To develop special concepts and ability to use them.
- To help children to get accustomed to different shapes and symmetry of objects.

Bengali/Hindi

- Develop understanding of basic literature.
- Develop phonological awareness.
- Appropriate use of phrases, idioms, grammar, etc.
- To garner the willingness to learn the language for effective communication and be an ambassador of cultural intricacies.

EVS

- Develop and understanding of how the natural world around them functions.
- To garner appreciation for all the natural things and develop ownership to their own surroundings by resolving their curiosity towards different environmental issues.

Science

- Develop scientific curiosity among children about science and cultivate a scientific temper.
- To acquire knowledge, conceptual understanding and skills to solve problem and make decision.
- To help them learn scientific reasoning.

Social Studies

- To garner and understanding of functionality of the world, their natural surroundings and assist the child to explore their social and cultural environment.
- To make them law abiding adults.
- To foster the child interest in everything that is affecting the community.

Value Education

- To assist the child to become an adult of strong ethical ground and personality.
- Teach the ideas of integrity, cohesiveness, conformity, cohesion, virtue, gratitude and equality.
- To inculcate good habits and basic manners in child.

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Art & Craft

- To foster creative development in a child.
- To allow kids to enjoy the autonomy and take initiative in making something new and gain confidence in their work.
- To encourage creative expression of the child by stimulating imagination.

Computer

- To develop a working knowledge of computer technology, learn the facts and information about computers as well as the software used to make work easier.
- To guide students to learn MS- office for writing projects, making presentation, make simple computations using Word, Excel and PowerPoint.
- To develop the ability to read and store a large amount of data and knowledge for data analysis.

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COMPUTER

UNIT:

Sl No	Content	Concept
1	Computers – Storage and Memory Device	Measuring the computer memory and different storage devices and memory
2	GUI Operating System – Desktop Management	Understanding OS, components, setting of background, mouse
3	Editing in Word 2016	Formatting and editing in Word 2016

TERMINAL:

Sl No	Content	Concept
1	Computers – Storage and Memory Device	Measuring the computer memory and different storage devices and memory
2	GUI Operating System – Desktop Management	Understanding OS, components, setting of background, mouse
3	Editing in Word 2016	Formatting and editing in Word 2016
4	Formatting in Word 2016	-Do-
5	The Internet – Web Browser	Uses of Internet, advantages and disadvantages, safety and netiquette

PROJECT: Storage and Memory Device

FINAL:

Sl No	Content	Concept
1	Scratch – Introduction	Making games, animation with different blocks
2	Introduction to PowerPoint 2016	Making different slides for presentation to audience using photos, shapes, videos, animation
3	Stepwise Thinking	Writing the working of any work step by step with drawing shapes (flowchart)
4	Features of File Management	Managing files and folders in computer, cut, paste, moving of file and folders
5	The Internet – Web Browser	Uses of Internet, advantages and disadvantages, safety and netiquette

PROJECT: The Internet – Web Browser

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ENGLISH LANGUAGE

UNIT EXAM:

SL. NO.	CHAPTERS	CONTENTS
1.	Subject and Predicate	Filling up the subject & predicate.
2.	The Sentence	Identification of Declarative, Imperative, Interrogative, Exclamatory, Negative, and Affirmative sentences.
3.	Nouns	Understand the formation and function of different kinds of nouns.
4.	Nouns: Number	Understand nouns as singular and plural.
5.	Nouns: Gender	To make students know about the use of masculine, feminine, and neuter gender.
6.	Articles	To make known the concept of indefinite articles and definite articles.
7.	Punctions	To make known the various and appropriate use of punctuations.
8.	Verbs	Understanding the usages of 'have' verb and 'ing' forms of verbs.
	Word Perfect Spelling: Pgs. 3, 5, 6, 8, 9, 10, 11, 12	

TERMINAL EXAM:

SL NO.	CHAPTERS	CONTENTS
1.	Adjectives & Degrees of Comparison	Understanding adjectives and degrees of comparison such as positive, comparative, and superlative.
2.	Pronoun	Usage of different pronouns such as personal, demonstrative, reflexive, and emphatic.
3.	Tense	To know about Simple Present, Present Continuous, Simple Past, Past Continuous, Simple Future, Future Continuous.
4.	Verbs	Understanding the usage of action words.
5.	Subject-Verb Agreement	To understand how the subject and the verb agree or match the numbers that they express in the sentences.
6.	Preposition	Understanding the usage of prepositions to express relation between noun and other parts of sentences.
7.	Synonyms	To have knowledge of words which have the same or almost the same meanings.
8.	Homophones	To know about homophones (words having same pronunciation but having different spelling and meaning).
9.	Essay Writing	To write an essay on a given topic using proper sentences, appropriate words, tenses & punctuations.
10.	Preci- Writing	To summarise a given extract within few sentences.

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11.	Comprehension	To enable a child to read and comprehend.
	Word Perfect Spelling: Pgs. 13, 14, 17, 18, 19, 20, 21, 22, 23, 27	
	Project- Tense	
FINAL EXAM:		
SL NO.	CHAPTERS	CONTENTS
1.	Adverbs	Understanding the usage and placement of adverbs in sentences.
2	Conjunctions	To know the usage and placement of joining words (conjunctions) in sentences.
3.	Interjections	To know the use of words meant to express a sudden feeling.
4.	Analogies	To know the usage of words to establish relationships of resemblance or equivalence.
5.	Similes	To know about words used to imply a direct comparison between objects.
6.	Homograph	To know about homographs (words having same spelling and pronunciation but different meaning).
7.	Prefix and Suffix	To know about the group of letters used at the beginning or at the end of a word to form a new word.
8.	Pronouns	Usage of different pronouns such as personal, demonstrative, reflexive, and emphatic, interrogative, possessive, relative.
9.	Tense	To know about present, past, and future tense.
10.	Subject-Verb Agreement	To understand how the subject and the verb agree or match the numbers that they express in the sentences.
11.	Synonyms and Antonyms	To have knowledge of words which have the same or almost the same meanings and words having opposite meaning.
12.	Comprehension	To enable a child to read and comprehend.
13.	Paragraph Writing	To write a paragraph on a given topic using proper sentences, appropriate words, tenses & punctuations.
14.	Preci- Writing	To summarise a given extract within few sentences.
15.	Story Writing	To construct a story based on the hints provided.
	Word Perfect Spelling: Pgs. 31, 32, 33, 34, 35, 36, 37, 38, 41, 43, 44	
	Project- Adverb	

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ENGLISH LITERATURE

UNIT:

SL NO.	CHAPTERS	CONCEPTS
1.	The New Alarm Clock	To be punctual
2.	An Elephant is hard to hide	About Elephant
3.	Pippi Longstocking	Little girl who was very ill with pneumonia and was totally bedridden & friendship bonding
4.	Imagination	Fantasy world

TERMINAL:

SL NO.	CHAPTERS	CONCEPTS
1.	Peter's Ghost Dog	Bonding with a pet dog
2.	Marie Curie	About Marie who won a Nobel Prize in two different subjects in Physics & Chemistry
3.	Oh Butterfly, where do you go?	Butterfly life cycle
4.	Early Days	Peter Pan is a boy who will not grow up, on a visit to the children's room, Peter is nearly caught by Nana, the dog who is the children's nanny, Peter manages to escape but his shadow is left behind
	Project - Peter's Ghost Dog	

FINAL:

SL NO.	CHAPTERS	CONCEPTS
1.	The BFG	Sophie's sleepless night
2.	Little girls wiser than Men	Friendship of two girls, how they forgive each other's mistake & enjoy each one's company
3.	The Brook	How the brook flows down
4.	The Golden Arrow	About the best archer Robin Hood
	Project - The BFG	

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Science

UNIT1:		
SL. NO.	CONTENT	CONCEPTS
1.	Food	Nutrients and their types; Balanced diet; Methods of food preservation
2.	Teeth	Teeth-types, structure, functions, care of teeth
3.	Adaptation in animals	Adaptations-definition; Types of adaptations based on environment, food; adaptation for protection
4.	Air	Air and its-Components, properties, uses; Air pollution

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Adaptations in Plants	Features and examples of plants growing in different habitats.
2.	Materials and Solutions	Definitions and examples of different processes of change of states of matter; methods of separation of substances
3.	Light	Light-sources and properties; transparent, translucent and opaque objects; formation of shadows
4.	Force	Different types of forces and their examples
	PROJECT: Light	

FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	The Digestive and Excretory System	The various organs of digestive and excretory system and their functions
2.	Plants around us	Parts of plants and their functions; photosynthesis; transpiration; different plant products
3.	Measurement	Length, weight, capacity, time, temperature
4.	Friction as a force	Definition, uses, difficulties caused by friction; ways to reduce friction
5.	Food(repeat)	Nutrients and their types; Balanced diet; Methods food preservation
	PROJECT: Plants around us	

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MATH

UNIT1:		
SL. NO.	CONTENT	CONCEPTS
1.	Place value	5 and 6-digit numbers, comparison, ordering, rounding of numbers, roman numerals
2.	Addition and subtraction (upto pg 35)	Addition with regrouping, properties of addition and subtraction, addition and subtraction together
3.	Shapes, patterns and symmetry (upto pg 142)	Line, shape, polygon, circle, relationship between the radius and diameter of a circle
4.	Time	Telling time to nearest minute use of a.m and p.m., 24 hour clock, calendar etc.
5.	Mental Maths Pg 4,5,8,14,102,103,118,119,126,127	

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Addition and subtraction (full chapter)	Addition with regrouping, properties of addition and subtraction, addition and subtraction together, practical applications
2.	Division	division by ones, tens and hundreds, division of money , word problems
3.	Factors and multiples	Properties of factor and multiples, factor tree, common factors and multiples
4.	Shapes , patterns and symmetry (full chapter)	Line, shape, polygon, circle, relationship between the radius and diameter of a circle, patterns, symmetry
5.	Mental Maths pg 16,17,22,23,76,77,78,82,101,131,132,133	
	PROJECT: MONEY (BILLING)	

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FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Multiplication	Multiplication by expanded notation method, by lattice method, by doubling, by 3 digit numbers, estimation, multiplication with money, word problems.
2.	Fractions	Different ways of fraction, equivalent fractions, estimation, comparing like and unlike fractions, addition and subtraction of fractions, proper and improper fraction, practical application
3.	Measurements	Measuring length, conversions etc.
4.	Perimeter and area	Perimeter of geometrical shapes, area/ standard units of area, finding the are of other shapes ,practical application
5.	Data handling	Pictograph, bar graph, column graphs, pie charts
6.	Mental Maths Pg 40,41,62,63,92,93,94,95,128,140,141	
	PROJECT: PERIMETER AND AREA	

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SST

UNIT1:		
SL. NO.	CONTENT	CONCEPTS
1.	HISTORY AND ITS SOURCES	Sources of History, Literary Sources, Archaeological Sources
2.	TIMELINE AND CALENDER	Use of AD, BC, Gregorian Calendar, Saka Calendar
UNIT2:		
3.	Motions of the Earth	Concepts of Aims, Rotation, Revolution
4.	The Four Domains of the Earth	Lithosphere, Hydrosphere, Atmosphere, Biosphere

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Civics and citizens	Definitions of Civics, Civic sense, citizen
2.	Major Landforms of the Earth	Mountains, Plateaus, Plains, Deserts, Continents and Oceans
3.	All about maps	Types of map, features of map, conventional signs and symbols
4.	Indian States, Agriculture and Cities	Neighbouring States, water bodies and cities
5.	Map Pointing	States and Capital
	Projects- Indian Agriculture	

FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Responsibilities of a good citizen	Private Property, Public Property
2.	Unity in Diversity	Meaning
3.	The Northern Mountains	
4.	Major rivers of India	Perennial and Non-Perennial Rivers
5.	Projects- Unity in Diversity	

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2nd Language – Bengali

UNIT1:		
SL. NO.	CONTENT	CONCEPTS
1.	প্রশ্ন (কবিতা)	একটি ছেলের তার মায়ের কাছে ছুটির জন্য অনুরোধ করা।
2.	কাগজ ফুলের গাছ (গল্প)	বুগেনভেলিয়ার ফুলের গাছ সৌন্দর্য ও গাছটার প্রতি পুতুল ও তাদের পরিবারের ভালোবাসা সম্বন্ধে লেখা
3.	শিকারি মানুষের যুগ (গল্প)	প্রাচীন মানুষের জীবনমাত্রা ও শিকার করার ধরনের সম্বন্ধে লেখা
4.	শব্দ	কথা বলার জন্য সবচেয়ে প্রয়োজনীয় সঠিক শব্দের প্রয়োগ
5.	বিপরীত শব্দ	শব্দের অর্থের বিপরীত অর্থ সম্বন্ধে ধারণা
6.	শুদ্ধ বানান	ঠিক ও ভুল বানান সম্বন্ধে ধারণা

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	ছেলেবেলার দিনগুলি	গ্রামের লোকেরা, গ্রামের পশুপাখি, হাতি কেমন ছিল সেই নিয়ে লেখকের স্মৃতিচারণ
2.	কত্তাবাবা	রবীন্দ্রনাথ ও তাদের পরিবারের জীবনযাত্রা সম্বন্ধে লেখা
3.	কুঁড়ি	পিতার লেখা ডায়েরী থেকে পাওয়া ঘটনা ও বৌদ্ধদের জীবনযাত্রা সঙ্গী মাঝে দেশ নিয়ে ঘটে যাওয়া ঘটনার কথা নিয়ে লেখা
4.	শেয়াল আর নেকড়ে	নেকড়ে ও শেয়ালের দুটো বুদ্ধির গল্প
5.	আমার বাংলা	বাংলাদেশের প্রাকৃতিক সৌন্দর্য ও মাধুর্য
6.	লিঙ্গ	লিঙ্গের শ্রেণীবিভাগ ও উদাহরণ
7.	সমার্থক শব্দ	একটি শব্দের বিভিন্ন অর্থ
8.	পদ (বিশেষ্য, সর্বনাম)	পদ কাকে বলে? শ্রেণীবিভাগ বিশেষ্য ও সর্বনাম পদের ধারণা
9.	বিপরীত শব্দ	একটি অর্থের বিপরীত অর্থ সম্পর্কে ধারণা
10.	অনুচ্ছেদ রচনা	কোন বিষয়ের সম্বন্ধে লিখন দক্ষতা যাচাই করা
11.	প্রকল্প:- ছেলেবেলার দিনগুলি	

FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	চলো যাই ইতিহাসের কলকাতায় (গল্প)	কলকাতা শহরের ইতিহাস ও স্থাপত্য সম্পর্কে ধারণা

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2.	জলসএ (গল্প)	বৈশাখ মাসের দুপুরে জল কষ্টে পিরিত মানুষদের জন্য তৈরি এক জলসএর কাহিনী
3.	কার দোষ (গল্প)	রাজার ভেঙে পড়া দেওয়ালের জন্য কে আসল দোষী, সেই নিয়ে মজার গল্প
4.	রাকুনের দেশে (গল্প)	দক্ষিণ আমেরিকার প্রাকৃতিক সৌন্দর্য ও রাকুন নামক প্রাণীর গল্প নিয়ে লেখা
5.	সবার আমি ছাত্র (কবিতা)	ছাত্র জীবনের মূল মন্ত্র যা প্রকৃতি থেকে পাওয়া যায় সেই নিয়ে কবিতা
6.	বিশেষণ	বিশেষ্য পদের পরিবর্তে পদ আমরা ব্যবহার করতে পারি তা সম্পর্কে ধারণা
7.	সমাপিকা ও অসমাপিকা ক্রিয়া	বাক্যে ক্রিয়া সম্পূর্ণ আছে কিনা সে সম্বন্ধে ধারণা
8.	বিরামচিহ্ন	ছেদ যতি চিহ্নের ব্যবহার
9.	অনুচ্ছেদ রচনা	বিভিন্ন বিষয়ে সম্পর্কে লিখন দক্ষতার বহিঃপ্রকাশ ঘটানো
10	প্রকল্প :- চলো যাই ইতিহাসের কলকাতায়	

2nd Language - Hindi

UNIT:		
SL. NO.	CONTENT	CONCEPTS
1.	কবিতা- হিন্দ দেশ কে নিবাসী	দেশ -প্রেম, একতা, সমানতা जैसे जीवन -मूल्यों का विकास
2.	কহানী- চতুর আকাশ	প্রেম, সমর্পণ, উত্সাহ, बुद्धिमानी जैसे मूल्यों का विकास
3.	কহানী- শকুন্তলা দেবী	লিংগ সমানতা, আগে बढ़ने की प्रेरणा, परिश्रम, बुद्धिमत्ता का विकास, मोहन ब्यक्तित्व का परिचय।
4.	ব্যাকরণ- শব্দ বিচার	शब्दों की परिभाषा, तथा विभिन्न आधार पर इस के भेद
	শুদ্ধ বর্তনী	वर्तनी को सुध करना

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	কবিতা - সরিতা কা বেহতর জল	নদী কা महत्व, उत्साह, कर्मठता, प्रकृति प्रेम जैसे मूल्यों का विकास

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2.	कहानी - सेहत है अनमोल	सवस्थ जीवन शैली, अनुशासन, आज्ञा का पालन जैसे मूल्यों का विकास
3.	कहानी - जब मैं पढ़ता था	अनुशासन, स्वास्थ्य, शिष्टता, कृतज्ञता जैसे मूल्यों का विकास
4.	कहानी - जन्मदिन के बहाने	संवेदनशीलता, सहृदयता, सामाजिकता आत्मीयता, समानता, प्रसन्नता जैसे गुणों का विकास
5.	व्याकरण- संज्ञा	संज्ञा की परिभाषा तथा भेद
6.	सर्वनाम	सर्वनाम की परिभाषा तथा भेद
7.	निबंध- रक्षा बंधन राष्ट्रीय झंडा मेरा मित्र	
	परियोजना- स्वास्थ्य ही सर्वोत्तम धन है।	

FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	कविता- खिड़की मेरे कमरे की	प्रेम, मनोरंजन, मित्रता जैसे मूल्यों का विकास
2.	कहानी- दो बैलों की कथा	पशु प्रेम, सहृदयता, बुद्धिमानि, सहयोग, दया, बहादुरी, आत्मीयता जैसे मूल्यों का विकास
3.	कहानी- और माटी निहाल हो गयी।	उत्साह, देशप्रेम, साहस, वीरता, गुरुभक्ति, समर्पण, बलिदान जैसे मूल्यों का विकास
4.	कहानी - समदर्शी	सहनशीलता समानता, स्व हृदयता, संवेदनशीलता, शिष्टाचार, मित्रता, सामाजिकता जैसे मूल्यों के विकास
5.	व्याकरण- विशेषण	सामान अर्थवाले शब्द का समूह
6.	क्रिया	क्रिया की परिभाषा, कर्म के आधार पर क्रिया के भेद
7.	विराम चिन्ह	विराम चिन्ह से परिचय एवं इसका प्रयोग
8.	निबंध- हिमालय पर्वत समाजसेवी का मदर टेरेसा आपका विद्यालय	
9.	परियोजना- स्वतंत्रता की लड़ाई में विरांगना लक्ष्मीबाई की भूमिका।	

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G.K.

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
Unit-1	Beautiful Nature	
1.	Plant o facts	
2.	Plant quiz	
3.	Wildlife Quiz	
4.	Fish in the water	
5.	Kingdom of Mammals	
Unit-2	Our Motherland	
1.	Important days in India	
2.	Nobel Prize Winners	
3.	Famous Monuments of India	
4.	Famous Indians	
5.	Gardens of India	
Unit-3	Sports and Entertainment	
1.	Terms and Trophies	
2.	Famous Instrumentalists	
3.	On the Track	
4.	Art Gallery	
FINAL:		
SL. NO.	CONTENT	CONCEPTS
Unit-4	Words and Books	
1.	Anagrams	
2.	Books and Authors	
3.	Sound Words	
Unit-5	Science and Technology	
1.	Sun and its Family	
2.	Diseases	
3.	Medical Inventions	
Unit-6	Go Global	
1.	Women Achievers	
2.	Continents, Countries and Oceans	
3.	Famous Explorers	

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4.	Natural Disasters	
5.	Seven Wonders of the World	
6.	Ten Tallest Buildings	
Unit-7	Life Skills and values	
1.	Who am I?	
Unit-8	Play Based Learning	
1.	Think logically	

Value Education

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	The two brothers	Helping others
2.	A pound of butter	Honesty
3.	The power of karma	Good Begets good
4.	Star kid	Cleanliness
FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	A handful of grains	Wisdom
2.	No pain, No gain	Hard work
3.	Holes in the fence	Anger Management
4.	The stone-cutter	Self-Contentment