

# 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	A Computer System	Hardware, software, working of a computer and types of computers
2	GUI Operating System – An Introduction	Understanding OS, components, setting of background, mouse
3	Word Processor – An Introduction	Knowing the knowledge of MS-Word, formatting and editing

#### TERMINAL:

Sl No	Content	Concept
1	GUI Operating System – An Introduction	Understanding OS, components, setting of background, mouse
2	The Internet – An Introduction	Uses of Internet, advantages and disadvantages, safety and netiquette
3	Algorithm & Flowchart	Writing the working of any work step by step with drawing shapes (flowchart)
4	Fun with Paint	Enjoying to draw in Ms Paint application

#### PROJECT: A Computer System

#### FINAL:

Sl No	Content	Concept
1	Word Processor – An Introduction	Knowing the knowledge of MS-Word, formatting and editing
2	File Management – Organisation of Folders	Managing files and folders in computer, cut, paste, moving of file and folders
3	LOGO 1	Knowing the step wise movement of making shapes with code
4	LOGO 2	Drawing color shapes and more

#### PROJECT: The Internet – An Introduction

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### ENGLISH LANGUAGE

#### UNIT EXAM:

SL NO.	CHAPTERS	CONTENTS
1.	Nouns	Collective and Abstract ; Countable and Uncountable
2.	Singular and Plural	Set of words; fill in with other form; Rewrite the sentences
3.	Gender	Set of words; fill in with other form; Rewrite the sentences
4.	Subject and Predicate	Underline; fill in vice versa
5.	The Sentence	Identification of DEclarative, Imperative, Interrogative and Exclamatory
6.	Articles	Fill in the blanks; rectification

#### TERMINAL EXAM:

SL NO.	CHAPTERS	CONTENTS
1.	Modals	(Can, Could, May, Might, Will, Would)
2.	Adjectives degree of Comparison	(quantity, quality, number, demonstrative); comparative, superlative and positive
3.	Short forms	Set of words
4.	Adverbs	(manner, place time, frequency)
5.	Tense and Verb	(Present and Past; fill in the blanks with correct verb)
6.	Prepositions	Fill in the blanks; tick or choose the correct answers
7.	Synonyms	Set of words
8.	Commonly Confuse words	Set of words
9.	Comprehension	Comprehending skill
10.	Composition	Writing skill
11.	Story Writing	From hints of words
12.	Word Perfect Spelling- pg 3,4, 6,8,9, 10, 11, 12, 13, 14, 15, 17, 18, 20, 21, 23	
	<b>Project Work- ADJECTIVES</b>	

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FINAL EXAM:		
SL NO.	CHAPTERS	CONTENTS
1.	Agreement of Subject and Verb	Rules and sentences
2	Modals	must/ must not/ shall/ should
3.	Tense	Past, present, future
4.	Pronouns	Personal, demonstrative, interrogative, reflexive
5.	Adverb	Same as the terminal
6.	Degree of adjectives	Same as the terminal
7.	Verb	Fill in the blanks, correct forms of verb
8.	Interjections	Fill in the blanks
9.	Homophones	Set of words
10.	Synonyms and Antonyms	Set of words
11.	Asking Questions	From questions to answers
12.	Comprehension	Comprehending skill
13.	Composition	Writing skill
14.	Story Writing	Hints with words
15.	Word perfect Spelling- Pg 24, 25, 26, 27, 28, 29, 31, 32, 33, 35, 36, 37, 38, 39, 42, 43, 44	
	<b>PROJECT WORK- Tense/ Modals</b>	

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### ENGLISH LITERATURE

#### UNIT:

SL NO.	CHAPTERS	CONCEPTS
1.	The Flint	Never Judge a book by its cover.
2.	Peter Enters the Garden	Rabbits have good sense of hearing and sight, and an excellent sense of smell. These sense helps them to detect predators.
3.	I Asked the Little Boy Who Cannot See	Always help them facing challenges in a positive manner
4.	Catch the Cat	Cats walk like camels and giraffes- they move both of their right feet first, then move both of their left feet. No other animals walk this way.

#### TERMINAL:

SL NO.	CHAPTERS	CONCEPTS
1.	Just Imagine	Imagination makes one more creative and helps in problem-solving skills
2.	The Curious Baby Elephant	Elephants use their trunks to pet and caress those they love, in times of discomfort or stress
3.	China Silk	Short bursts of wind moving at high speed are called gusts.
4.	<b>Rapid Reader: <u>The Christmas Carol</u>:</b> 1. Marley's Ghost  2. Marley's Warning  3. The First of the Three Spirits  4. The Second of the Three Spirits	
	<b>Project- China Silk</b>	

#### FINAL:

SL NO.	CHAPTERS	CONCEPTS
1.	A Walk on the Moon	The Moon is slowly drifting away from the Moon.
2.	Robot with a Virus	The word 'robot' comes from the Czech word "robota", which means hard work.
3.	Rip Van Winkle	Shadows no longer in the winter because of the angle of the Sun.

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4.	The Doughnut	The Dutch are believed to have brought the fried pastry to America, originated calling them 'olykoecks ,' meaning 'oily cakes'.
5.	My Dog Fred	No two dogs have the same nose print.
6	Pengu Pretends	Penguins do not have teeth. They have spines on their tongues and along the insides of their beaks to help them grip their prey.
7	Friends	Animals can form lifelong friendship with individuals that are not from their own spicies.
8.	<b>Rapid Reader: <u>The Christmas Carol</u>:</b> 1. At the nephew's  2.The Last of the Three Spirits  3.The Dead Man  4.The End of it All	
	<b>Project- Robot with a Virus</b>	



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### MATH

UNIT1:		
SL. NO.	CONTENT	CONCEPTS
1.	Place value	Forming, reading and writing nos. up-to 1000, ordering, comparing, building numbers. Etc.
2.	Shapes, patterns and symmetry	Properties of solid and plane shapes, number and shape patterns, basic concept of symmetry
3.	Mental maths: 8,9,12,13,16	
UNIT2:		
3.	Addition	Addition of 2 digit, 3 digit, 4 digit with and without regrouping, word problems.
4.	Time	Conversion of time, calendar, timeline
5.	Mental maths: 17,34,36,38,122,123	

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Subtraction	Subtracting 3-digit number with regrouping, checking subtraction, estimating difference, word problems
2.	Division	Division as repeated subtraction, concept of dividend, divisor, quotient, word problems
3.	Fractions	Basic concept of fractions
4.	Measurements	Conversions
5.	Mental maths: 18,24,43,44,49,73,75,76,96,97,99,109	
	<b>Project: MEASUREMENTS</b>	

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FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Multiplication	Two and three digit numbers multiplication,
2.	More about division	Long division, dividing 2 and 3 digit numbers and remainder, practical application
3.	Money	Addition, subtraction, multiplication, division of money. To check bill or cash memo, practical applications
4.	Data handling	To collect, organise, display, analyse and interpret this information, pictograph, bar graphs
5.	Shapes, patterns and symmetry (repeat)	Properties of solid and plane shapes, number and shape patterns, basic concept of symmetry
6.	Mental maths: 25,27,45,83,94,113,114,115,120,121	
	<b>PROJECT: SHAPES</b>	

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### Science

UNIT1:		
SL. NO.	CONTENT	CONCEPTS
1.	Living and Non-Living Things	Definitions, characteristics and differences between living and non-living things
2.	The Respiratory System	Organs of Respiratory System; Air Pollution
UNIT2:		
3.	Plants in our surroundings	Parts of plants and their functions
4.	Solids, Liquids and Gases	Properties of solids, liquids and gases; Interchanging of forms of matter

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	The Human Body	Internal and the external organs of the human body and their functions
2.	Birds	Types of birds according to shape of beaks, feet and claws, nest of birds; feathers
3.	Properties of Water	Water and its properties; Changing forms of water
4.	The Sun-The ultimate source of energy	Solar Energy- Uses; Renewable and Non-Renewable sources of energy; Energy Conservation; Change of Seasons
	<b>PROJECT:</b> Birds	

FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Insects	Insects-Body parts; Social Insects, life cycle of butterfly; Useful/Harmful insects; Insect bites- Prevention and cure
2.	Food obtained from Plants	Plants-Types, edible parts, plant products
3.	Water as a resource	Change of states of water; water cycle; impurities, purification of water; rainwater harvesting
4.	Health and Cleanliness	Ways to keep ourselves and our surroundings clean; healthy eating habits; table manners

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5.	The Respiratory System (Repeat)	Organs of Respiratory System; Air Pollution
	<b>PROJECT:</b> Food Obtained from Plants	

### SST

UNIT1:		
SL. NO.	CONTENT	CONCEPTS
1.	Changes in a Family, School and Transport	Nuclear Family, Joint Family, Reasons for changing school, Classroom, Kinds of Transport, their usage
2.	Time and Calendar	Concept of time, Sequence of Events, one's own timeline, family, national and school event
UNIT2:		
3.	Our Helpers	Community Helpers, helping each other
4.	Caring for Others	Care of and compassion for the old, sick, needy people

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Safety Rules	Safety at home, school, playground, road etc.
2.	First Aid	Emergency numbers
3.	Understanding our Heritage Buildings, Monuments	Meaning of heritage, important aspects of our cultural heritage
4.	National Symbol of India	
	<b>Projects- National symbols of India</b>	

FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Our Festivals	Kinds of festivals and celebrations
2.	Knowing Our Earth	Globes, Maps, Directions and Compass
3.	The Earth and the Solar System	The Sun, the Solar System, the planets, the satellites

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4.	Environmental Pollution	Kinds of pollution, how to reduce these pollution
	<b>Projects- Our festivals</b>	

### 2<sup>nd</sup> Language – Bengali

UNIT:		
SL. NO.	CONTENT	CONCEPTS
1.	পাখিদের দিদি মনি	ছোট একটি মেয়ে পূর্ণ যার সাথে পাখিদের ভালোবাসার গল্প
2.	নীল শিয়ালের কথা কথা	একটি প্রচলিত গল্প
3.	পদ্য অন্যখানে	
4.	পদ্য- ছুটি	
5.	ভাষা ও ব্যাকরণ	

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	গদ্য মেঘের মলুক	দার্জিলিং এর অপরূপ দৃশ্যের বর্ণনা
2.	গদ্য হিংসুটি	একটি মেয়ের কিশোর বয়সে নানান রকমের হিংসার কথা
3.	গদ্য দুঃখ জয়ী বিদ্যাসাগর	বিদ্যাসাগরের অবিস্মরণীয় জীবনের কিছু ঘটনা
4.	পদ্য আরাম	একটি শিশু নিজে ছুটির দিন কিভাবে ব্যতীত করে তার বর্ণনা
5.	আমার ছেলেবেলা	পূর্ণেন্দু মিত্রের ছোটবেলা কবিতা দ্বারা প্রকাশিত
6.	বর্ণ	বর্ণ দ্বারা শব্দ ও পদ গঠনের পদ্ধতি
7.	বিপরীত শব্দ	একটি শব্দের বিরূপ অর্থ লেখা
8.	সমার্থক শব্দ	একই শব্দের সম অর্থযুক্ত বিভিন্ন শব্দ
	Project: মেঘের মলুক	

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FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	গদ্য বাঘের বাচ্চা	একটি বাঘের ছানা বা শাবো কিভাবে পরিবেশের সাথে মানিয়ে নিয়ে নিজেকে বড় করে তোলে তার গল্প
2.	বেঁচেগদ্য পিপড়াদের বুদ্ধি	সমস্ত বাধা বিপর্যয় পেরিয়ে পিপড়াদের বেঁচে থাকার লড়াই এরগল্প
3.	গদ্য করুড়ায় ও খুকু মা	একটি পুতুল ও একটি ছোট মেয়ের মধ্যে তার সম্পর্কের কাহিনী
4.	পদ্য আমাদের ছোট নদী	নদীর গতিপথ অন্যদিকে ঘিরে জীবনযাত্রার বর্ণনা
5.	পদ্য কাকতালুয়া	একা ধান কেটে দাঁড়িয়ে থাকা একটি কাকতালু আর মনের কথা
6.	বিপরীত শব্দ ১-৩০	Revision
7.	সমার্থক শব্দ	১-২০
8.	এক কথায় লেখো	১-১৫
9.	শুদ্ধ বানান	বানান সঠিক করার পদ্ধতি
10.	বর্ণ ও শব্দ গঠন	Revision
	Project: বাঘের বাচ্চা	

2<sup>nd</sup> Language – Hindi

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UNIT:		
SL. NO.	CONTENT	CONCEPTS
1.	कविता -आया वसंत	भारत के ऋतू संबंधी ज्ञान , तथा उसका परिणाम
2.	कहानी- अक्ल का पुरस्कार	बुद्धि के द्वारा जीत हासिल काटना बहुत आसान होता है
3.	कहानी - बल्लू हाथी का बालघर	जीव जंतु संबंधी विस्तृत जानकारी
4.	व्याकरण- भाषा	भासा क्यों ज़रूरी है, भासा के रूप।
5.	व्याकरण - शुद्ध वर्तनी	भाषा का परिचय और रूप

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	कविता- कुछ कर दिखाएंगे	आपसी प्यार हर बाँधा को अतिक्रम करना, आपसी प्रेम के द्वारा देश का विकाश कैसे संभव ह।
2.	कहानी- हर झंडा कुछ कहता है	राष्ट्र के प्रति प्रेम तथा राष्ट्रीयता की भावना को जगान।
3.	कहानी- चिड़िया और किसान	मन में संतुष्टि को कैसे जगाया जा सकता है, हर वस्तु के महत्वा को समझना।
4.	कहानी- एक दिन लाल किले में	देश के ऐतिहासिक स्मारकों के सम्बन्ध में ज्ञान होना।
5.	व्याकरण- शुद्ध वर्तनी	
6.	व्याकरण- वर्ण, विराम चिन्ह	
7.	निबंध- राष्ट्रीय पक्षी मोर	
8.	निबंध- आपका बगीचा	
9.	निबंध- मेरी माँ	

**FINAL:**



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SL. NO.	CONTENT	CONCEPTS
1.	कविता- पेड़ का दर्द	प्रकृति हमें क्या देती है, वह हमारे मित्र है, दुःख नहीं पहुँचना चाहिए
2.	कहानी- क्या सीखा आपने	सड़क संबंधी नियमों की जानकारी मिलना तथा खुद को सुरक्षित रखना।
3.	कहानी- धरती से सागर तक	धरती से सागर तक वायुमंडल संबंधी ज्ञान।
4.	कहानी - गोल गोल संसार	आकृति संबंधी ज्ञान ।
5.	व्याकरण- वर्ण	
6.	व्याकरण- विपरीत शब्द	
7.	व्याकरण- पर्यावाची शब्द	
8.	निबंध- हमारा मित्र – पेड़	
9.	निबंध- आप खुद के संबंध में लिखिए	
10.	निबंध -आपका विद्यालय	
11.	परियोजना- सड़क पर चलने का नियम	



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## Syllabus 2023-24

G.K.

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Pg. no. – 6,7,8,9,10,11,12,14,15,16,17,18,19,21,22,23,24,25,26,27,29,30	

FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	Pg. no. – 31,32,33,34,36,37,38,39,41,43,44,46,47,49,51,55,56,57,58,59,60	

### Value Education

TERMINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	1.The Farmers	Spreading happiness
2.	2.The gold coins	Honesty
3.	3.The Smoke Signal	Being positive
4.	4.Tge fallen purse	Good Begets good

FINAL:		
SL. NO.	CONTENT	CONCEPTS
1.	1.Effy learns the lesson	Time management
2.	2.The Sparrow and the farmer	Self Reliance
3.	3.The wise donkey	Determination
4.	4.Star kid	Bravery