

# St. Stephen's School Birati

## Syllabus 2023-24

### Index

| Sl. No. | Content                            |
|---------|------------------------------------|
| 1       | Computer                           |
| 2       | English Grammar                    |
| 3       | English Literature                 |
| 4       | Biology                            |
| 5       | Mathematics                        |
| 6.      | Physics                            |
| 7.      | Chemistry                          |
| 8.      | Geography                          |
| 9.      | History                            |
| 10.     | 2 <sup>nd</sup> Language - Bengali |
| 11.     | 2 <sup>nd</sup> Language - Hindi   |
| 12      | 3 <sup>rd</sup> Language - Bengali |
| 13.     | 3 <sup>rd</sup> Language - Hindi   |
| 14.     | G.K.                               |
| 15.     | Value Education                    |

# St. Stephen's School Birati

## Syllabus 2023-24

### Aims & Objectives of Curriculum

#### 1.English

- To develop the ability of expression effectively among students in speech and in writing.
- To develop an elegant handwriting in cursive.
- To develop phonological awareness, so they can develop the understanding of phonetics, pronunciation and voice modulation skills.
- To animate students to become agents of change.
- To develop reading habits, to extend the range of their notions by reading fact based as well as imaginative writing.
- To enable the students to appreciate global literary work of various writers.

#### 2.Bengali/Hindi:

- To develop understanding of language, along with phonetic understanding, use of idioms, phrase appropriately and in proper acceptable form.
- To guide the students to read and write the language effectively, pronounce properly.
- To encourage self-expression in speech and become a cultural ambassador of their native language.

#### 3. Moral Education:

- To develop character and morality by inculcating good habits from childhood.
- To teach basic manners and etiquettes to reinforce cultural heritage of our country.
- To imbibe the qualities of virtue, integrity, cohesion, accountability, self-faith, and gratitude.
- To practice the basic values of sharing, caring, friendliness, co-operation and helpfulness.

#### 4. Social Studies

- To enable the pupils to make a good citizen and development of cultural heritage; to understand the world we live in and respects our histories.
- To help the students understand the law of our country, obey them and learn about governments.
- To gain an understanding of the environment and its problems, possible remedies in a global context.
- To promote understanding of past events, persons and their roles in shaping our present and an imagery of the future.
- To develop real world and international understanding, gain political skills and ideas by analysing and evaluating existing systems and imagining the future.

# St. Stephen's School Birati

## Syllabus 2023-24

### 5) History

- To develop an understanding of our past events, persons and their roles in shaping our present.
- To convey to the pupils of the rich heritage of mankind.
- To develop knowledge, critical thinking and aptitude relating to historical matters.

### 6) Geography

- To develop an understanding of the dynamic world and the inter-relationship between physical and human world
- To understand where things are found, why and how they develop and change over time.
- To facilitate understanding of Earth, its shape, size, motion along with other heavenly bodies, landmasses, waterbodies, climate, agriculture, navigation, and other related aspects.

### 7) Mathematics

- To develop a positive attitude towards mathematics and appreciate its practical applications in life i.e. problem solving.
- To develop and inculcate skills for mathematical calculations and computations.
- To help develop logical and mathematical reasoning.
- To effectively build mental discipline and rigour.
- To develop the ability of presenting a thought with exactness and compactness.

### 8) Science

- To develop a scientific aptitude of the student.
- To build a working knowledge of the world.
- To understand the functional role of nature and laws of nature through experiments.

### 9) Physics

- To promote knowledge and skills in the scientific inquiry, and problem solving.
- To familiarise the pupil with the world in which he/she lives, understand the impact of science in our everyday life and society and give the pupil a historical perspective of the evolution of scientific development.
- To develop and improve the power of observation.

### 10) Biology

- To acquire understanding and ability of the characteristics, basic needs of living organisms and the ecosystem.
- To develop a scientific outlook.

# St. Stephen's School Birati

## Syllabus 2023-24

- To explain the living world in terms of scientific principal and appreciate the living organisms.

### 11) Chemistry

- To engage the students with the understanding of the matter, its composition, structure and properties.
- To guide students to understand chemicals used in daily life, decode culinary chemistry, and other useful life skills by learning chemistry.

### 12) 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.

# St. Stephen's School Birati

## Syllabus 2023-24

### Computer

#### UNIT:

| Sl No | Content  | Concept  |
|-------|--|--|
| 1     | Operating System ( <i>chp-1</i> )                | Functions and types of O.S.User Interface and its type   |
| 2     | Spreadsheet-Functions and Charts( <i>chp-2</i> ) | Cell Reference in Formulas and Types,Functions,SortingData,Charts in Excel,Customise Worksheet Tab |
| 3     | Algorithm and Flowchart ( <i>chp-3</i> )         | Uses and characteristics of good algorithm,Writing an Algorithm,Flowcharts                         |

#### TERMINAL:

| Sl No | Content  | Concept   |
|-------|--|---|
| 1     | Program Coding(Chp-4)                            | Introduction to java,Features and fundamentals of java                                  |
| 2     | Conditional,Looping and Jumping statement(Chp-5) | Decision making statements,Iterative statements   |
| 3     | App Development(Chp-6)                           | Types of mobile App,Categories of an App,Developing an App                              |
| 4     | Operating System ( <i>chp-1</i> )                | Functions and types of O.S.User Interface and its type                                  |
| 5.    | Spreadsheet-Functions and Charts( <i>chp-2</i> ) | Cell Reference in Formulas and Types,Functions,,Charts in Excel,Customise Worksheet Tab |

#### PROJECT: Spreadsheet-Functions and Charts

#### FINAL:

| Sl No | Content  | Concept  |
|-------|--|--|
| 1     | Computer Networking( <i>chp-7</i> )              | Programming Paradigms-POP and OOP,Features of OOP                          |
| 2     | Cloud Computing(Chp-8)                           | Java compilation process,Features of java                                  |
| 3     | Algorithm and Flowchart ( <i>chp-3</i> )         | Uses and characteristics of good algorithm,Writing an Algorithm,Flowcharts |
| 4     | Program Coding(Chp-4)                            | Introduction to java,Features and fundamentals of java                     |
| 5     | Conditional,Looping and Jumping statement(Chp-5) | Decision making statements,Iterative statements                            |

#### PROJECT: Java Programs

# St. Stephen's School Birati

## Syllabus 2023-24

### ENGLISH LANGUAGE

#### UNIT EXAM:

| SL NO. | CHAPTERS                               | CONTENTS   |
|--------|--|--|
| 1.     | Simple, Complex, and Compound Sentence | Transformation of sentences                              |
| 2.     | Verb forms                             | Knowledge of various forms of verbs                      |
| 3.     | Modal Verbs                            | Usage of modal auxiliaries- can, could, may, might, etc. |
| 4.     | Word Building                          | Formation of Nouns, Adjectives, and Verbs                |
| 5.     | Active and Passive Voice               | Changing from active to passive and vice versa           |
| 6.     | Direct and Indirect Speech             | Changing from direct speech to indirect and vice versa   |
| 7.     | Relative Clauses                       | Usage of clauses giving information about nouns          |

#### TERMINAL EXAM:

| SL NO. | CHAPTERS  | CONTENTS   |
|--------|---|--|
| 1.     | Tenses  | Usage to present, past, and future tense   |
| 2.     | Verbs and Phrasal Verbs                         | Usage of various forms of verbs. Usage of phrasal verb in a sentence                                     |
| 3.     | Infinitives and Participles                     | Usage of non-finite verbs- infinitives and participles   |
| 4.     | Transformation of Sentences                     | Changing sentences from one form to another  |
| 5.     | Fill in appropriate words                       | Filling of blanks with suitable grammatical usage  |
| 6.     | Conjunction                                     | Joining of sentences without using and, but, so  |
| 7.     | Comprehension                                   | To enable a child to read and comprehend   |
| 8.     | Composition                                     | To write a composition on a given topic using proper sentences, appropriate words, tenses & punctuations |
| 9.     | Letter Writing                                  | Composing of formal and informal letter  |
| 10.    | Notice Writing                                  | Composing of notices   |
|        | <b>Project:<br/>Transformation of Sentences</b> |  |

#### FINAL EXAM:

| SL NO. | CHAPTERS                            | CONTENTS  |
|--------|-------------------------------------|---|
| 1.     | Simple, Complex, Compound Sentences | Transformation of sentences                     |
| 2      | Relative Clauses                    | Usage of clauses giving information about nouns |

# St. Stephen's School Birati

## Syllabus 2023-24

|    |  |  |
|----|--|--|
| 3. | More Connectors                                    | Use of words to connect sentences  |
| 4. | Phrasal Verbs                                      | Usage of phrasal verb in a sentence  |
| 5. | Transformation of sentences                        | Changing sentences from one form to another  |
| 6. | Comprehension                                      | To enable a child to read and comprehend   |
| 7. | Composition  | To write a composition on a given topic using proper sentences, appropriate words, tenses & punctuations |
| 8. | Letter Writing                                     | Composing of formal and informal letter  |
| 9. | Notice and Email Writing                           | Composing of notices and emails  |
|    | <b>Project: Relative Clauses and Phrasal Verbs</b> |  |

### ENGLISH LITERATURE

#### UNIT:

| SL NO. | CHAPTERS                      | CONCEPTS |
|--------|-------------------------------|----------|
| 1.     | All Summer in a Day           |          |
| 2.     | The World in a Wall           |          |
| 3.     | Julius Caesar- act I scene I  |          |
| 4.     | My Lost Dollar                |          |
| 5.     | The Triantivantigongolope     |          |
| 6.     | Julius Caesar- ACT I Scene II |          |

#### TERMINAL:

| SL NO. | CHAPTERS                                       | CONCEPTS |
|--------|--|----------|
| 1.     | An Education in Science                        |          |
| 2.     | Where the Mind is Without Fear                 |          |
| 3.     | Haroun Meets Iff                               |          |
| 4.     | Ozymandias                                     |          |
| 5.     | The Adventure of Blue Carbuncle                |          |
| 6.     | Julius Caesar- Act I SCENE III, Act II scene I |          |
|        | <b>Project- An Education in Science</b>        |          |

# St. Stephen's School Birati

## Syllabus 2023-24

**FINAL:**

| SL NO. | CHAPTERS                            | CONCEPTS |
|--------|-------------------------------------|----------|
| 1.     | O Captain! My Captain!              |          |
| 2.     | En Route to America                 |          |
| 3.     | The next Voice you Hear             |          |
| 4.     | The Eagle and the Beetle            |          |
| 5.     | A day in the Country                |          |
| 6.     | Monsters on Maple Street            |          |
| 7.     | Julius Caesar-Act Scene II, III, IV |          |
|        | <b>Project-</b>                     |          |



# St. Stephen's School Birati

## Syllabus 2023-24

### Biology

| UNIT1:  |  |   |
|---------|--|---|
| SL. NO. | CONTENT                                  | CONCEPTS  |
| 1.      | Transport of food and minerals in plants | Diffusion, Osmosis, Transpiration, Xylem & Phloem                                 |
| 2.      | Reproduction in plants and animals       | Types, flower(pollination & fertilization), animal(sexual reproduction in humans) |
| 3.      | Endocrine system in humans               | Types, hormone, location & function of hormonal glands                            |

| TERMINAL: |   |   |
|-----------|---|---|
| SL. NO.   | CONTENT                                     | CONCEPTS  |
| 1.        | Ecosystem                                   | Types of components, interdependence between organisms and environment            |
| 2.        | The circulatory system                      | Structure & function of heart, circulation of blood, heart diseases               |
| 3.        | Health and Hygiene                          | Diseases, Vaccination & Immunization, First Aid                                   |
| 4.        | Reproduction in plants and animals (Repeat) | Types, flower(pollination & fertilization), animal(sexual reproduction in humans) |
|           | <b>Project- ECOSYSTEM</b>                   |   |

| FINAL:  |   |  |
|---------|---|--|
| SL. NO. | CONTENT   | CONCEPTS   |
| 1.      | Nervous system                                    | Types & structure of nerves/neuron, CNS, Reflex action                           |
| 2.      | Food Production                                   | Bacteria & fungi (uses in food industry), types of agriculture, animal husbandry |
| 3.      | Transport of food and minerals in plants (Repeat) | Diffusion, Osmosis, Transpiration, Xylem & Phloem                                |
| 4.      | Ecosystem (Repeat)                                | Types of components, interdependence between organisms and environment           |
|         | <b>Project- FOOD PRODUCTION</b>                   |  |

# St. Stephen's School Birati

## Syllabus 2023-24

### MATH

#### UNIT1:

| SL. NO. | CONTENT                               | CONCEPTS  |
|---------|---------------------------------------|---|
| 1.      | Exponents and powers                  | Finding numeric values of exponents, conversion of exponents to integers and vice versa, different operations on exponents. |
| 2.      | Squares and Square roots              | Squaring of a number, using Identities; Finding square root using Prime factorization and long division method.             |
| 3.      | Simple interest and compound interest | Application of percentage; calculating Simple and compound interest using formula.  |
| 4.      | Algebraic expressions and identities  | Different operations on algebraic expressions, multiplication using identities.   |

#### TERMINAL:

| SL. NO. | CONTENT                                       | CONCEPTS   |
|---------|---|--|
| 1.      | Direct and Indirect variation                 | Use of different proportion/variations using identities.   |
| 2.      | Factorization                                 | Representing an algebraic expression as the product of 2 or more expressions by different methods. |
| 3.      | Area of plane figures                         | Calculating area of some triangles and quadrilaterals.   |
| 4.      | Circles                                       | Properties of circles, some problems regarding circles, construction of circle.                    |
| 5.      | Sets  | Basic concept on set, different forms, Some special sets, operations.                              |
|         | <b>Project: Direct and Inverse Variation.</b> |  |

#### FINAL:

| SL. NO. | CONTENT                           | CONCEPTS  |
|---------|-----------------------------------|---|
| 1.      | Cube and Cube roots               | Finding cubes of a number, problem sums of cubes. Cube roots of a number, problem sums of cube root.              |
| 2.      | Percentage and it's applications. | Converting percentage into fraction and decimals and vice versa, Application of percentage in different problems. |
| 3.      | Linear equation in one variable   | Solving various linear equations in one variable.   |

# St. Stephen's School Birati

## Syllabus 2023-24

|    |                                    |  |
|----|------------------------------------|--|
| 4. | Construction of quadrilaterals     | Constructing Quadrilaterals with given measurements, with and without protector. |
| 5. | Volume and Surface areas of solids | Finding Surface area and volume of cubes and cuboids.                            |
|    | <b>Project: Quadrilaterals.</b>    |  |

# St. Stephen's School Birati

## Syllabus 2023-24

### Physics

| UNIT1:  |                                     |  |
|---------|-------------------------------------|--|
| SL. NO. | CONTENT                             | CONCEPTS   |
| 1.      | Physical quantities and measurement | Measurement of area and volume , Measurement the volume of regular and irregular solids and determine their densities. |
| 2.      | Motion                              | States of rest and motion , types of motion.   |
| 3.      | Heat ( Upto page 93)                | Heat , temperature measuring temperatures and effects of heat.   |

| TERMINAL: |  |   |
|-----------|--|---|
| SL. NO.   | CONTENT  | CONCEPTS  |
| 1.        | Energy   | Concept of energy , different forms of energy and energy conservation law.    |
| 2.        | Heat ( Full chapter)                                 | Heat , temperature measuring temperatures and effects of heat, heat transfer. |
| 3.        | Sound  | What is sound its sources and propagation process.                            |
| 4.        | Matter(Repeat)                                       | Matter – its meaning and composition , States of matter                       |
|           | <b>Project: Physical quantities and Measurement.</b> |   |

| FINAL:  |   |  |
|---------|---|--|
| SL. NO. | CONTENT                                       | CONCEPTS   |
| 1.      | Light energy                                  | Introduction of light , reflection of light and its applications.  |
| 2.      | Electricity and Magnetism                     | Laws of magnetism , Electricity and its sources , Electric circuit.  |
| 3.      | Physical quantities and measurement ( Repeat) | Measurement of area and volume , Measurement the volume of regular and irregular solids and determine their densities. |
| 4.      | Sound ( Repeat)                               | Conept of light its characteristics ,application , and shadow.   |
|         | <b>Project: Magnetism</b>                     |  |

# St. Stephen's School Birati

## Syllabus 2023-24

### Chemistry

| UNIT1:  |                                    |   |
|---------|------------------------------------|---|
| SL. NO. | CONTENT                            | CONCEPTS  |
| 1.      | Matter                             | Kinetic molecular theory of matter and law of conservation of masses and some problems on this theory.  |
| 2.      | Physical and chemical changes      | Classification of changes, Conditions favouring a chemical change.  |
| 3.      | Atomic structure                   | Different models of atomic electronic configuration, atomic and mass number, atomic mass of an element.   |
| 4.      | Water (upto Electrolysis of water) | Water as a solvent, solutions, suspensions and colloids, importance of water for living organism, composition of water and electrolysis of water. |

| TERMINAL: |                                  |   |
|-----------|----------------------------------|---|
| SL. NO.   | CONTENT                          | CONCEPTS  |
| 1.        | Elements, Compound and Mixture   | Elements, symbols of elements, compounds, formula of compounds and mixtures and separation techniques.                                      |
| 2.        | Chemical Reaction                | Factors affecting chemical reactions, classifications of chemical reactions,  |
| 3.        | Water (full chapter)             | Physical and chemical properties of water, Relative volume and density of water and ice, hard and soft water, advantages and disadvantages. |
| 4.        | Atomic structure (Repeat)        | Different models of atomic electronic configuration, atomic and mass number, atomic mass of an element.                                     |
|           | <b>Project: Atomic structure</b> |   |

| FINAL:  |                         |  |
|---------|-------------------------|--|
| SL. NO. | CONTENT                 | CONCEPTS   |
| 1.      | Language of Chemistry   | Chemical formula of ionic compounds, balancing chemical equations using law of conservation of mass.                                   |
| 2.      | Hydrogen                | Position in periodic table, occurrence, Preparation, properties, uses, oxidation and reduction.  |
| 3.      | Carbon and its compound | Position in periodic table, different important properties of carbon, forms of carbon, their properties and uses, properties of carbon |

# St. Stephen's School Birati

## Syllabus 2023-24

|    |  |  |
|----|--|--|
|    |  | monoxide and carbon di oxide, their properties and uses, harmful effects.    |
| 4. | Chemical Reactions (Repeat)                | Factors affecting chemical reactions, classifications of chemical reactions, |
| 5. | The periodic table (the first 30 elements) | Names of first 30 elements of periodic table, its properties and positions.  |
|    | <b>Project- Hydrogen</b>                   |  |

# St. Stephen's School Birati

## Syllabus 2023-24

### Geography

| UNIT1:  |   |  |
|---------|---|--|
| SL. NO. | CONTENT                                 | CONCEPTS   |
| 1.      | Representation of Geographical Features | Identifying landforms through contours.<br>Interpretation of the given topo sheet. |
| 2.      | Migration                               | Concept & types of migration.<br>Effects of migration.                             |
| 3.      | Asia : The Largest Continent            | Location and extent.<br>Physiographic division.                                    |
| 4.      | Asia: Climate & Natural Vegetation      | Factors affecting climate of Asia..<br>Different types of vegetation.              |

| TERMINAL: |  |   |
|-----------|--|---|
| SL. NO.   | CONTENT  | CONCEPTS  |
| 1.        | Population dynamics  | Factors affecting distribution of population.<br>Composition of population.       |
| 2.        | Urbanization   | Meaning, causes & impacts of migration.<br>Concept of satellite and smart cities. |
| 3.        | Natural & Man-made disaster  | Concept, types & effects.<br>Different case study.                                |
| 4.        | Asia: The largest continent ( Revision)  | Location and extent.<br>Physiographic division.                                   |
| 5.        | <b>Map pointing:- Map of Asia</b><br><b>Project work:- Human Migration in India.</b> |   |

| FINAL:  |  |  |
|---------|--|--|
| SL. NO. | CONTENT  | CONCEPTS   |
| 1.      | India: Geographical Features   | Location & extent.<br>Political & Physiographical division.                        |
| 2.      | India: Climate   | Factors affecting climate & monsoon.   |
| 3.      | India: Natural vegetation & wildlife   | Types of vegetation & conservation of forest & wildlife.                           |
| 4.      | India: Human Resources   | Concept, different types of human resources, impacts.                              |
| 5.      | Representation of Geographical Features ( Revision)  | Identifying landforms through contours.<br>Interpretation of the given topo sheet. |
| 6.      | <b>Map pointing:- Outline map of India</b><br><b>Project work:- Physiographical Diversity Of India</b> |  |

# St. Stephen's School Birati

## Syllabus 2023-24

### History

| UNIT1:  |  |   |
|---------|--|---|
| SL. NO. | CONTENT                                    | CONCEPTS  |
| 1.      | A Changing Time                            | Period of transition, sources, Renaissance, Reformation, Voyages, Industrial Revolution, Imperialism  |
| 2.      | Early Nationalist Movements                | The French Revolution, causes, its outbreak, Napoleon Bonaparte, the American War of Independence, role of Abraham Lincoln & Gettysburg address |
| 3.      | The Legislature                            | Lok Sabha & Rajya Sabha, powers & functions   |
| 4.      | Decline of the Mughal Empire               | Major causes, rise of independent kingdoms  |
| 5.      | major causes, rise of independent kingdoms | Advent of English East India Company, battle of Plassey, Buxar, dual government, drawbacks of dual government, Doctrine of Lapse                |
| 6.      | The Executive                              | The President, Vice President, Prime Minister & Council of Ministers - powers & functions   |

| TERMINAL: |                                  |  |
|-----------|----------------------------------|--|
| SL. NO.   | CONTENT                          | CONCEPTS   |
| 1.        | The Impact of British Rule       | Land Revenue System, Ryotwari, introduction of modern education, Wood's Despatch                   |
| 2.        | Revolt of 1857                   | Reasons- political, socio religious, economic, immediate causes, consequences & nature of uprising |
| 3.        | Social Reformers                 | Contribution of the Great personalities  |
| 4.        | The Judiciary                    | Supreme Court & High Court, jurisdiction and functions   |
|           | <b>Project- Social Reformers</b> |  |

| FINAL:  |                                    |  |
|---------|------------------------------------|--|
| SL. NO. | CONTENT                            | CONCEPTS   |
| 1.      | Rise of Indian Nationalism         | factors, role of the Press, the Indian National Congress   |
| 2.      | Struggle for Freedom (1905 - 1939) | The moderators, partition of Bengal, Swadeshi & Boycott, Home Rule Movement, Gandhian Era, Non Cooperation Movement, Rowlatt Act, Jallianwala Massacre |



# St. Stephen's School Birati

## Syllabus 2023-24

|    |   |  |
|----|---|--|
| 3. | Achievement of Independence (1939-1950) | Simon Commission, Quit India, Forward Block & INA, Cabinet Mission Plan, Indian Independence Act |
| 4. | United Nations                          | Aims & principles, General Assembly, Security, agencies of UN                                    |
|    | <b>Project- Struggle for Freedom</b>    |  |

# St. Stephen's School Birati

Syllabus 2023-24

## 2<sup>nd</sup> Language - Bengali

| UNIT1:  |                              |  |
|---------|------------------------------|--|
| SL. NO. | CONTENT                      | CONCEPTS   |
| 1.      | ঘর ও বাহির --(গল্প)          | রবীন্দ্রনাথের ছেলেবেলার স্মৃতি ও তার ঘরের জানালা থেকে দেখতে পাওয়া দৃশ্য নিয়ে কাহিনী। |
| 2.      | অক্ষয়বাবুর শিক্ষা --(গল্প)  | লেখক অক্ষয়বাবুর গল্প লিখতে গিয়ে ছেলের লুকিয়ে থাকা গুণ খুঁজে পাওয়া নিয়ে গল্প।      |
| 3.      | বঙ্গভাষা-(কবিতা)             | বাংলা ভাষার মাধুর্য, বাংলা ভাষা যে অমূল্য তা নিয়ে লেখা কবিতা।                         |
| 4.      | উপসর্গ ও অনুসর্গ --(ব্যাকরণ) | কোনটি কোথায় বসে, কি কাজ এইসব শেখায়।  |
| 5.      | সন্ধি --(ব্যাকরণ)            | সন্ধি কাকে বলে শ্রেণীবিভাগ ও সন্ধির নিয়ম।   |

| TERMINAL: |                                  |   |
|-----------|----------------------------------|---|
| SL. NO.   | CONTENT                          | CONCEPTS  |
| 1.        | ছিনাথ বহুরূপী --(গল্প)           | শ্রীকান্তদের বাড়িতে হঠাৎ উত্তেজনা ও বাঘরূপী বহুরূপী দেওয়া শাস্তি নিয়ে লেখা এই গল্প।                  |
| 2.        | কাবুলের পথে-(গল্প)               | লেখকের কাবুল যাওয়ার পথের বর্ণনা দেওয়া নিয়ে লেখা গল্প।  |
| 3.        | আর্কিমিডিসের আবিষ্কার --(গল্প)   | একজন বিখ্যাত পদার্থবিদ আর্কিমিডিসের নতুন নতুন আবিষ্কার যা বর্তমানেও ব্যবহার করা হয় তা নিয়ে লেখা গল্প। |
| 4.        | রবীন্দ্রনাথ কত পেতেন-(গল্প)      | বাংলা নির্মিতি নিয়ে শিক্ষার্থীদের থাকা ভুল ধারণা ভাঙা নিয়ে লেখা গল্প।                                 |
| 5.        | সাম্যবাদী -(কবিতা)               | জাতি, ধর্ম, বর্ণ নির্বিশেষে ভেদাভেদ ভুলে মানব ধর্ম প্রতিষ্ঠা করার মূলমন্ত্র নিয়ে কবিতা।                |
| 6.        | সন্ধি -(ব্যাকরণ)                 | সন্ধি কাকে বলে শ্রেণীবিভাগ ও সন্ধির নিয়ম।  |
| 7.        | বাগধারা ও প্রবাদবাক্য -(ব্যাকরণ) | প্রাচীনকাল থেকে চলে আসা কিছু প্রবাদ ও বাগধারা।  |
| 8.        | বাচ্য -(ব্যাকরণ)                 | কর্তা, কর্ম, এবং ক্রিয়ার ভাবকে পরিবর্তন করা ও বাক্যকে প্রয়োগ করা শেখায়।                              |
| 9.        | সমার্থক শব্দ -(ব্যাকরণ)          | একই শব্দের অনেকগুলো মানে শেখা।  |
| 10.       | বোধপরীক্ষণ -(ব্যাকরণ)            | কোনো পরিচ্ছেদ পরে তার সম্পর্কে প্রশ্ন উত্তর লিখতে সমর্থ হতে পারা।                                       |
| 11.       | পত্র লিখন -(ব্যাকরণ)             | পত্র রচনার নিয়মাবলী শিখিয়ে পত্ররচনার দক্ষতাকে যাচাই করা।  |
| 12.       | অনুচ্ছেদ -(ব্যাকরণ)              | শিক্ষার্থীর লিখন দক্ষতা যাচাই করা এবং বিভিন্ন বিষয় সম্পর্কে ধারণা হওয়া                                |
| 13.       | প্রকল্প:- ছিনাথ বহুরূপী (গল্প)   |   |



# St. Stephen's School Birati

## Syllabus 2023-24

| FINAL:  |                                  |   |
|---------|----------------------------------|---|
| SL. NO. | CONTENT                          | CONCEPTS  |
| 1.      | শাজাহান-(গল্প)                   | শাজাহান ও তার পুত্রদের মধ্যে ঘটিত যুদ্ধ ও তার অভ্যন্তরীণ পরিস্থিতি নিয়ে লেখা গল্প।   |
| 2.      | শঙ্কর ও ব্ল্যাক মাস্থা-(গল্প)    | -শঙ্কর ও তার রোমাঞ্চকর জীবনের একটি ঘটনা নিয়ে লেখা গল্প।                              |
| 3.      | আমি সুভাষ বলছি -(গল্প)           | নেতাজির ২য় বিশ্বযুদ্ধে অংশগ্রহণ ও ভারতবাসীদের জাগ্রত করার কাহিনী নিয়ে গল্প।         |
| 4.      | একটি ফুটবল ম্যাচ - (গল্প)        | পটলডাঙ্গা ও দমদমের দুই দলের মধ্যে ঘটে যাওয়া দুর্দান্ত ফুটবল ম্যাচ নিয়ে লেখা কাহিনী। |
| 5.      | দাঁড়াও - (কবিতা)                | দুঃখী অসহায় মানুষের পাশে এসে দাঁড়ানোর কথা নিয়ে লেখা কবিতা।                         |
| 6.      | সমাস -(ব্যাকরণ)                  | সমাস করার নিয়ম,শর্ত,ও বিভিন্ন ক্ষেত্রে প্রয়োগ উদাহরণ সহ।                            |
| 7.      | বাক্য -(ব্যাকরণ)                 | বাক্য নির্মাণের শর্ত ও শ্রেণীবিভাগ  |
| 8.      | ভিন্নার্থক শব্দ -(ব্যাকরণ)       | একই শব্দের ভিন্নার্থে প্রয়োগ।  |
| 9.      | বাগধারা ও প্রবাদ -(ব্যাকরণ)      | প্রাচীনকাল থেকে চলে আসা কিছু প্রবাদ ও বাগধারা ।                                       |
| 10.     | বোধ পরীক্ষণ -(ব্যাকরণ)           | কোনো পরিচ্ছেদ পরে তার সম্পর্কে প্রশ্ন উত্তর লিখতে সমর্থ হতে পারা।                     |
| 11.     | অনুচ্ছেদ - (ব্যাকরণ)             | শিক্ষার্থীর লিখন দক্ষতা যাচাই করা এবং বিভিন্ন বিষয় সম্পর্কে ধারণা হওয়া              |
| 12.     | প্রকল্প:- আমি সুভাষ বলছি -(গল্প) |   |

# St. Stephen's School Birati

## Syllabus 2023-24

### 2<sup>nd</sup> Language – Hindi

| UNIT:   |                                     |   |
|---------|-------------------------------------|---|
| SL. NO. | CONTENT                             | CONCEPTS  |
| 1.      | कविता- मेरा भारत                    | भारत की दशा, देश के गौरव, संस्कृति, इतिहास के विषय में जानकारी। त्याग एवं समर्पण की भावना, कर्तव्यपरायणता, निस्वार्थ प्रेम की भावना तथा प्राकृतिक संपदा संरक्षण |
| 2.      | कहानी- आखिरी पत्ता                  | मनोविज्ञान एवं स्वास्थ्य के बीच समन्वय सच्चे सहयोगी, मित्रता का भाव विकसित होना परोपकार की भावना सच्चा कलाकार मानव मूल्यों और मानव जाति के लिए जीता है।         |
| 3.      | कहानी- असली याचक                    | निस्वार्थ प्रेम, दुख के प्रति संवेदनशील होना तथा मानवता की सीख  |
| 4.      | व्याकरण- उपसर्ग                     | परिभाषा, भेद तथा प्रयोग   |
| 5.      | व्याकरण- प्रत्यय                    | परिभाषा, भेद तथा प्रयोग   |
| 6.      | व्याकरण- अनेक शब्दों के लिए एक शब्द | वाक्यांश को संक्षिप्त करने शब्दों का निर्माण  |

| TERMINAL: |                                 |  |
|-----------|---------------------------------|--|
| SL. NO.   | CONTENT                         | CONCEPTS   |
| 1.        | कविता - शक्ति और क्षमा          | विनय और क्षमा का पौरुष से संबंध, विनय और क्षमाशीलता के महत्त्व, क्षमा, दया, तप, संघर्ष और त्याग जैसे विचार ही शाश्वत हैं।                                      |
| 2.        | कहानी – बैजू वावरा              | लगन और परिश्रम के महत्त्व, गुरु शिष्य के संबंध विनम्रता क्षमाशीलता का पाठ, संगीत के प्रति रुचि।  |
| 3.        | कहानी – संसार सागर के असली नायक | तालाब, नदी नहरें, कुएँ, झील आदि की आवश्यकता तथा उपयोगिता का ज्ञान, उपेक्षित, अज्ञात कर्मचारियों के प्रति सजगता और सम्मान। जल संरक्षण की आवश्यकता।              |
| 4.        | कहानी – फुटबॉल                  | भारतीय खेलों के प्रति सजग होना, परिस्थितियों के अनुकूल स्वयं को ढालना, औपचारिक शिक्षा तथा खेलों के प्रति उचित समन्वय खेल तथा शिक्षा दोनों की महत्ता को बतला ना |
| 5.        | व्याकरण- संधि                   | परिभाषा, भेद, नये शब्द का निर्माण  |
| 6.        | मुहावरे                         | मुहावरे का अर्थ तथा प्रयोग   |

# St. Stephen's School Birati

## Syllabus 2023-24

|     |                 |   |
|-----|-----------------|---|
| 7.  | पर्यायवाची शब्द | समान् अर्थ वाले शब्दों का ज्ञान।                  |
| 8.  | अपठित गद्यांश   | गद्यांश पढ़कर भाषा और व्याकरण संबंधी प्रश्न उत्तर |
| 9.  | औपचारिक पत्र    | व्यावसायिक पत्र लिखनेका ढंग                       |
| 10. | अनौपचारिक पत्र  | व्यक्तिगत पत्र लिखने का ढंग                       |
| 11. | निबंध           |   |
| 12. | परियोजना:-      | फुटबॉल का खेल                                     |

| FINAL:  |                                 |   |
|---------|---------------------------------|---|
| SL. NO. | CONTENT                         | CONCEPTS  |
| 1.      | कविता- बाल लीला                 | कृष्ण के बचपन के लीलाओं के बारे में जानकारी, ब्रज भाषा तथा बात्सल्य रस का रसास्वादन,  |
| 2.      | कहानी- उड़नपरी हिमा दास         | मेहनत, लगन व निष्ठा का पाठ, गुरु शिष्यका संबंध, लक्ष्य की प्राप्ति, देशप्रेम की भावना, सपने देखना और उसे पूरा करने के लिए निरंतर प्रयास करते रहने की सीख।                   |
| 3.      | कहानी- जायका- ए पुरानी- दिल्ली  | पुरानी दिल्ली ओके पारंपरिक व्यंजनों के विषय में जानकारी, फास्ट फूड के जमाने में पुराने व्यंजनों के अस्तित्व उसकी पहचान, मुगल शासकों के खान-पान तथा शौक के संबंध में जानकारी |
| 4.      | कहानी – विज्ञान, वायरस और विनाश | डिजिटल क्रांति के गुण दोष। विज्ञान इसकी विनाशलीला तथा विभिन्न कंप्यूटर वायरसों की जानकारी व उत्पन्न होने वाली हानि।   |
| 5.      | व्याकरण- समास                   | परिभाषा, नए शब्दों का निर्माण   |
| 6.      | मुहावरे                         | अर्थ तथा प्रयोग   |
| 7.      | वाक्य विचार                     | परिभाषा, भेद वाक्य के परिवर्तन  |
| 8.      | अपठित गद्यांश                   | गद्यांश को पढ़कर प्रश्नों का उत्तर  |
| 9.      | औपचारिक पत्र                    | व्यावसायिक पत्रलेखन   |
| 10.     | अनौपचारिक पत्र                  | व्यक्तिगत पत्र लेखन   |
| 11.     | निबंध                           |   |
| 12.     | परियोजना:-                      | विज्ञान के विकास तथा विनाश  |

# St. Stephen's School Birati

## Syllabus 2023-24

### 3rd Language – Bengali

| UNIT1:  |                           |   |
|---------|---------------------------|---|
| SL. NO. | CONTENT                   | CONCEPTS  |
| 1.      | প্রশ্ন (কবিতা)            | একটি ছেলের তার মায়ের কাছে ছুটির জন্য অনুরোধ করা।               |
| 2.      | কার দোষ (গল্প)            | রাজার ভেঙে পড়া দেওয়ালের জন্য কে আসল দোষী, সেই নিয়ে মজার গল্প |
| 3.      | শিকারি মানুষের যুগ (গল্প) | প্রাচীন মানুষের জীবনমাত্রা ও শিকার করার ধরনের সম্বন্ধে লেখা     |

| TERMINAL: |                       |   |
|-----------|-----------------------|---|
| SL. NO.   | CONTENT               | CONCEPTS  |
| 1.        | কাগজ ফুলের গাছ (গল্প) | বুগেনভেলিয়ার ফুলের গাছ সৌন্দর্য ও গাছটার প্রতি পুতুল ও তাদের পরিবারের ভালোবাসা সম্বন্ধে লেখা |
| 2.        | শেয়াল আর নেকড়ে      | নেকড়ে ও শেয়ালের দুটো বুদ্ধির গল্প   |
| 3.        | জলসএ (গল্প)           | বৈশাখ মাসের দুপুরে জল কষ্টে পিরিত মানুষদের জন্য তৈরি এক জলসত্রের কাহিনী                       |
| 4.        | আমার বাংলা            | বাংলাদেশের প্রাকৃতিক সৌন্দর্য ও মাধুর্য   |

| FINAL:  |                        |  |
|---------|------------------------|--|
| SL. NO. | CONTENT                | CONCEPTS   |
| 1.      | কত্তাবাবা              | রবীন্দ্রনাথ ও তাদের পরিবারের জীবনযাত্রা সম্বন্ধে লেখা  |
| 2.      | কুঁড়ি                 | পিতার লেখা ডায়েরী থেকে পাওয়া ঘটনা ও বৌদ্ধদের জীবনযাত্রা সঙ্গী মাঝে দেশ নিয়ে ঘটে যাওয়া ঘটনার কথা নিয়ে লেখা |
| 3.      | রাকুনের দেশে (গল্প)    | দক্ষিণ আমেরিকার প্রাকৃতিক সৌন্দর্য ও রাকুন নামক প্রাণীর গল্প নিয়ে লেখা  |
| 4.      | সবার আমি ছাত্র (কবিতা) | ছাত্র জীবনের মূল মন্ত্র যা প্রকৃতি থেকে পাওয়া যায় সেই নিয়ে কবিতা  |

# St. Stephen's School Birati

Syllabus 2023-24

## 3rd Language - Hindi

| UNIT1:  |                               |   |
|---------|-------------------------------|---|
| SL. NO. | CONTENT                       | CONCEPTS  |
| 1.      | खिड़की मेरे कमरे की ( कविता ) | खिड़की की उपयोगिता समझाया गया है                    |
| 2.      | खिड़की मेरे कमरे की ( कविता ) | खिड़की की उपयोगिता समझाया गया है                    |
| 3.      | चतुर आकाश ( कहानी )           | बुद्धि और साहस की उपयोगिता के बारे में बताया गया है |

| TERMINAL: |                               |  |
|-----------|-------------------------------|--|
| SL. NO.   | CONTENT                       | CONCEPTS   |
| 1.        | हिंद देश के निवासी ( कविता )  | भारतवर्ष की विविधता में एकता के बारे में बताया गया है        |
| 2.        | दो बैलों की कथा ( कहानी )     | पशु पक्षियों को प्यार और सहानुभूति प्रदान करना सिखाया गया है |
| 3.        | और माटी निहाल हो गई ( कहानी ) | एक वीरांगना स्वतंत्रता सेनानी की कहानी बताई गई है            |

| FINAL:  |                               |  |
|---------|-------------------------------|--|
| SL. NO. | CONTENT                       | CONCEPTS   |
| 1.      | आसमान में जैसे तारे ( कविता ) | दीपावली के त्यौहार के बारे में बताया गया है                              |
| 2.      | समदर्शी ( कहानी )             | कमजोर और अक्षम व्यक्तियों के प्रति सम्मान प्रदर्शन का शिक्षा दिया गया है |
| 3.      | जन्मदिन के बहाने ( कहानी )    | जन्मदिन पर जश्न मनाने के बारे में बताया गया है                           |

# St. Stephen's School Birati

## Syllabus 2023-24

G.K.

| TERMINAL:     |                                |          |
|---------------|--------------------------------|----------|
| SL. NO.       | CONTENT                        | CONCEPTS |
| <b>Unit-1</b> | Beautiful Nature               |          |
| 1.            | Venomous Reptile               |          |
| 2.            | Life in the Ocean              |          |
| 3.            | Diseases of Flora              |          |
| 4.            | Flightless Birds               |          |
| 5.            | Secret World of Bugs           |          |
| <b>Unit-2</b> | Sports and Entertainment       |          |
| 1.            | Musical Forms                  |          |
| 2.            | Classical Dances               |          |
| 3.            | Cricket Teams                  |          |
| 4.            | Extreme Sports World           |          |
| 5.            | World of Sports                |          |
| <b>Unit-3</b> | Our Motherland                 |          |
| 1.            | Handicrafts of India           |          |
| 2.            | India's Historical Battlefield |          |
| 3.            | House of the people            |          |
| 4.            | Nationalists Movements         |          |
| 5.            | Architectural Sculpture        |          |
| 6.            | The Indian Tribes              |          |
| FINAL:        |                                |          |
| SL. NO.       | CONTENT                        | CONCEPTS |
| <b>Unit-4</b> | Words and Books                |          |
| 1.            | Famous Quotes of all Time      |          |
| 2.            | World Literature               |          |
| 3.            | Forms of Poetry                |          |
| <b>Unit-5</b> | Go Global                      |          |
| 1.            | Great Civilisations            |          |
| 2.            | Museums of the World           |          |
| 3.            | Natural Wonders                |          |
| 4.            | International Organizations    |          |
| <b>Unit-6</b> | Life Skills and Values         |          |



# St. Stephen's School Birati

## Syllabus 2023-24

|               |                                 |  |
|---------------|---------------------------------|--|
|               |                                 |  |
| 1.            | Qualities of a Good Team Player |  |
| 2.            | Art of Speaking                 |  |
| 3.            | The Human Body                  |  |
| <b>Unit-7</b> | Science and technology          |  |
| 1.            | Fields of Medicine              |  |
| 2.            | Scientific Laws                 |  |
| 3.            | Environmental Awareness Dates   |  |
| 4.            | Artificial Satellites           |  |
| <b>Unit-8</b> | Logical Reasoning               |  |
| 1.            | Line of thought                 |  |
| <b>Unit-9</b> | Mixed Bag                       |  |
| 1.            | Good Decision Making            |  |

### Value Education

| TERMINAL: |                              |                      |
|-----------|------------------------------|----------------------|
| SL. NO.   | CONTENT                      | CONCEPTS             |
| 1.        | The Merchants and the Priest | Good Begets Good     |
| 2.        | A Mother's Belief            | Optimism             |
| 3.        | Star Kid                     | Bravery              |
| 4.        | Hiroshi's Weakness           | Developing Strengths |
| FINAL:    |                              |                      |
| SL. NO.   | CONTENT                      | CONCEPTS             |
| 1.        | Fire, Wind and Music         | Wisdom               |
| 2.        | Red Marbles                  | Kindness             |
| 3.        | When the Wind Blows          | Being Prepared       |
| 4.        | The Strange Case of Pontiac  | Problem Solving      |