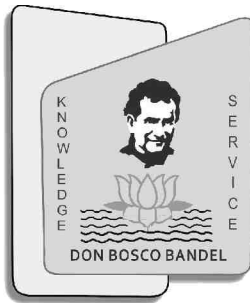


Don Bosco School, Bandel

P.O. & Dist. Hooghly - 712 103



SYLLABUS - 2021-22

CLASS - 9

MORAL SCIENCE

1ST TERM

As done in the class.

2ND TERM

As done in the class.

CATECHISM

1ST TERM

Chapter & Topic

Ch 1 Christian Prayers

Ch 2 Importance of Eucharistic Celebration

Ch 3 The Parable of the Sower

Ch 4 The Parable of the Salt and Light

Ch 5 The Parable of the Mustard Seed and Yeast

Ch 6 The Parable of the Unforgiving Servant

Ch 7 The Birth of Christ

Revision

1st Assessment : All the chapters of the 1st Term.

2NDTERM

Ch 8 Importance of the Bible

Ch 9 The Ten Commandments

Ch 10 The Parable of the Two Sons

Ch11 The Parable of the Wicked Tenants

Ch12 The Parable of the Good Samaritan

Ch 13 The Death Of Christ

Revision

2nd Assessment : All the chapters of 2nd Term.

ENGLISH LANGUAGE

1st TERM

Topic

Composition- Descriptive

Letter- Formal

Grammar- Interchange of Sentences (Transformation)
Prepositions
Subject-Verb Agreement
Composition- Narrative
Comprehension and Grammar- Practice Paper-2
Precis Writing
Grammar - Time And Tense
Notice Writing
Friendly Letters
Comprehension and Grammar- Practice Paper-3
Composition - Argumentative
Grammar - Phrasal Verbs
Sequence of Tenses
Transformation of Sentences:
a. Change of Voice
b. Direct and Indirect Speech
c. Degrees of Comparison
d. Removal of 'too', use of 'so...that', 'no sooner...than',
'hardly....when',etc
E-mail Writing
Comprehension and Grammar- Practice Papers 4 and 5

1st Unit Test:

Comprehension (Meanings and Questions)
Grammar: Interchange of Sentences (Transformation)
Prepositions, Subject-Verb Agreement.

1st Assessment: Entire First Term syllabus.

2ND TERM

Composition- Picture Composition
Letters of Complaint (Formal)
Regarding Civic Amenities (to the Municipal Chairman)
Grammar: Synthesis of Sentences
Comprehension and Grammar- Practice Paper - 6
Grammar: Conditional Sentences
Transformation of Sentences
Comprehension and Grammar - Practice Paper - 7
Composition - Short story writing
Notice Writing
E-mail Writing
Comprehension and Grammar- Practice Paper - 8 & 9
Time and Tense

Comprehension and Grammar-Practice Papers - 10 and 11
Grammar: Synthesis of Sentences
Friendly Letters
Comprehension and Grammar- Practice Paper-12

2nd Unit Test:

Grammar: Transformation of Sentences
Prepositions
Synthesis of Sentences
Letter Writing

2nd Assessment: All topics covered in the 1st and 2nd Terms.

ENGLISH LITERATURE

1ST TERM

Topic

Prose: A Face in the Dark
Play: MOV: Act 1: Scenes 1,2,3
Poem: Television

Prose: Hearts and Hands
Poem: After Blenheim
Play: MOV: Act 2: Scenes 1,2,3

Prose: An Angel in Disguise
Poem: Daffodils
Play: MOV: Act 2: Scenes 4,5

Prose: Old Man at the Bridge

Unit Test-1

Portion: MOV: Act 1, Sc-1
Prose: A Face in the Dark

1st Assessment:

Portion: All chapters completed during the First Term.

2nd TERM

Poem: Bangle Sellers
Play: MOV: Act 2: Scenes 6, 7.

Prose: A Horse and Two Goats
Poem: The Cold Within
Play: MOV: Act 2: Scenes 8, 9

Prose: Chief Seattle's Speech
Poem: The Heart of the Tree.
Play: Act 3: Scene-1

Unit Test- 2

Portion: MOV- Act 2: Sc-6
Poem: Bangle Sellers

2nd Assessment:

All chapters completed during the First and Second Terms / As prescribed in the Council Website.

MATHEMATICS

1st TERM

Chapter & Topic

1. Rational and Irrational Numbers
2. Compound Interest
3. Expansions
4. Factorisation
5. Simultaneous Linear Equations in Two Variables
6. Problems on Simultaneous Linear Equations
7. Indices
8. Logarithms
9. Congruency of Triangles
10. Isosceles Triangle
11. Inequalities in a Triangle.

1st UNIT TEST : Rational and Irrational Numbers; Compound Interest

PROJECT-I: Cutting a Circle into Equal Sections of a Small Central Angle to find the Area of the Circle by using the Formula $A = \pi r^2$.

FIRST ASSESSMENT: Entire Portion of First Term Syllabus

2nd TERM

12. Trigonometrical Ratios
13. Trigonometrical Ratios of Standard Angles
14. Trigonometrical Ratios of Complementary Angles
15. Mid-Point Theorems; Equal Intercept Theorem
16. Pythagoras Theorem
17. Rectilinear Figures
18. Constructions of Polygons
19. Area Theorems on Parallelograms
20. Circle: Chord and Arc Properties
21. Statistics
22. Mensuration
23. Coordinate Geometry

2nd UNIT TEST: Trigonometrical Ratios; Trigonometrical Ratios of Standard Angles; Trigonometrical Ratios of Complementary Angles

PROJECT-II: Statistical Analysis of Heights and Weights of Class-9 Students.

SECOND ASSESSMENT: Full Class-9 Syllabus

***Refer to ICSE Council Syllabus 2023 for details**

PHYSICS

1st TERM

Chapter & Topic

1. Measurements and Experimentation.
2. Motion in One Dimension.
3. Laws Of motion.
4. Pressure In Fluids and Atmospheric Pressure.
6. Heat and Energy.

1st UNIT TEST : Measurements and Experimentation,
Motion in One Dimension(Part-A).

First Assessment: Entire first term syllabus

2nd TERM

5. Upthrust in Fluids, Archimedes' Principle And Floatation.
7. Reflection of light.
8. Propagation of Sound Waves.

9. Current Electricity.
10. Magnetism.

2ND UNIT TEST : Upthrust in Fluids, Archimedes' Principle And Floatation, Reflection of light (Part-A).

Second Assessment: Entire Syllabus of 1st and 2nd Term

CHEMISTRY

1st TERM

Chapter & Topic

1. The Language of Chemistry
2. Chemical changes and reactions
3. Water
7. Study of Gas Laws

Unit Test 1: Ch-1. The Language of Chemistry;
Ch-2. Chemical changes and reactions.

First Assessment syllabus: Chapters: 1, 2, 3 and 7

- Project:**
1. Action of heat on : copper carbonate, Zinc Carbonate, Zinc Nitrate, Copper Nitrate, Lead nitrate ,Washing Soda, Copper sulphate crystals, Ammonium chloride, Iodine, Ammonium dichromate
 2. Action of dil. Sulphuric acid on a Metal, Carbonate, Sulphide, Sulphite.
 3. Flame test: Sodium Salt, Calcium Salt, Potassium salt
 4. Identification of hardness and softening of water by-heating the temporary hard water, using washing soda.
 5. Sources of pollution of water bodies and its preventive measures.

2nd TERM

4. Atomic Structure and Chemical bonding
6. Study of the First Element- Hydrogen
5. The Periodic Table
8. Atmospheric Pollution
9. Practical Work

Unit Test 2:

Syllabus: Ch-4. Atomic Structure and Chemical Bonding.

Second Assesment syllabus: Chapters:1, 2, 3, 4, 5, 6, 7, 8 and 9

Project : Topics given in Council Syllabus.

BIOLOGY

1st TERM

Chapter & Topic

2. Cell: The Unit of Life
3. Tissues: Plant and Animal Tissues
4. The Flower
5. Pollination & Fertilization
6. Seeds- Structure & Germination
7. Respiration in Plants

FIRST UNIT TEST: Chapters 2 and 3.

FIRST ASSESSMENT: Chapters 2, 3, 4, 5, 6 and 7.

2nd TERM

10. Nutrition
11. Digestive System
12. Skeleton – Movement and Locomotion
13. Skin – “The Jack of All Trades”
14. The Respiratory System
15. Hygiene
16. Diseases : Cause and Control
17. Aids to Health
18. Health Organisations
19. Waste Generation and Management
8. Five Kingdom Classification
9. Economic Importance of Bacteria

SECOND UNIT TEST: Chapters 10 and 11.

SECOND ASSESSMENT: Chapters 2 to 19.

Project: Topics given in Council Syllabus

HISTORY & CIVICS

1ST TERM

Chapters

- | | |
|--------------|---|
| History 1 | The Harappan Civilization |
| Civics 1 | Our Constitution and its Salient Features |
| Civics 2 | Fundamental Rights, Fundamental Duties and Directive Principles of State Policy |
| History(2+3) | The Early and Later Vedic Period |

Civics 3	Elections and the Election Commission
History 4	India in the 6th century BC- Rise of Jainism and Buddhism
History 5	The Mauryan Empire
History 6	The Sangam Age- Kingdoms and the Social and Economic conditions
History 7	The Age of the Guptas

1st Unit Test:

History 1 The Harappan Civilization

First Assessment: Entire first term syllabus

2nd TERM

History 9	The Delhi Sultanate
History 8	South India and the Cholas
Civics 4	Local Self-Government- Rural Local Institutions
History 10	The Mughal Empire
History 12	Renaissance
History 13	The Reformation
Civics 5	Local Self-Government- Urban Local Institutions
History 14	Industrial Revolution and Capitalism and Socialism
History 11	The Composite Culture: Bhakti Movement, Sufism and the Influence of Christianity on Indian Society

2nd Unit Test:

History 9 The Delhi Sultanate

Second Assessment- Entire Syllabus of 1st and 2nd Term

Project : Topics to be given.

GEOGRAPHY

1ST TERM

Chapter & Topic

1. Earth As a Planet
2. Geographic Grid - Latitudes and Longitudes
3. Rotation and Revolution
4. Earth Structure
5. Landforms of the Earth
6. Rocks

7. Volcanoes
8. Earthquakes
9. Weathering
10. Denudation
11. Hydrosphere
12. Composition and Structure of the Atmosphere
20. Natural regions of the world

Section drawing (Topographical Features)

World Map

PROJECT 1 : Directions 2. Reading and using scale. 3. Drawing and recognising important contours

1st Unit test :

1. Earth as a Planet
2. The Geography Grid - Latitudes and Longitudes .

First Assessment : Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 20 and Map of the World

2ND TERM

13. Insolation
14. Atmospheric Pressure and Wind
15. Humidity
16. Pollution
17. Sources of Pollution
18. Effects of Pollution
19. Preventive Measures

World map

PROJECT 2 : Temperate Grasslands of the World.

Unit test :

13. Insolation
14. Atmospheric Pressure and Winds

Second Assessment : FULL SYLLABUS (except, Section Drawing of Topographical Features)

SECOND LANGUAGE (BENGALI)

1ST TERM

Chapters

Sonkolita (Story): Ginni

Chander Pahar : Chapter -01

Grammar : Samarthak Sabdo
Grammar : Samacharito Vinnarthak Sabdo
Sonkolita (Story): Lalu
Chander Pahar : Chapter -02
EK Kothy Prokas; Letter
Chander Pahar : Chapter - 03
Comprehension, Baghdhara; Essay
Chander Pahar : Chapter -04
Sonkolita (Story) : Bama
Comprehension.
Letter.

Unit Test : Topic-Chander Pahar : Chapter -01, Ginni, Shamarthak Sabdo
1st Assessment- Total 1st term portion

2ND TERM

Sonkolita : (Story) Canvassar
Chander Pahar : Chapter -05
Chander Pahar : Chapter -06
Sabder Besistarthak Proyag; Ukti Paribartan
Comprehension Sonkolita : (Story) : Nam
Bakya Paribartan, Chander Pahar: Chapter-07
Sonkolita: (Story) Asohajogee
Upasarga O Prathay; Ched O Jyoti Chinho,
Chander Pahar : Chapter - 08
Essay Letter Baghdhara.

**UNIT TEST :- CHADER PAHAR –CH-5, CANVASSAR ,SHOBDER
BESISTARTHOK PROYOG**

2ND ASSESSMENT - TOTAL 2ND TERM PORTION

HINDI 2ND LANGUAGE

**Name of the books:- ICSE Sahitya Sagar (T.B. and W. B.)
Saraswati Vyakaran Suman (IX - X)**

1st TERM

Chapter & Topic

Gadya:- Chapter -1 Baat aththanni ki

	Chapter-2	Kaki
	Chapter-3	Mahayagya ka puraskar
Padya:-	Chapter-1	Sakhi
	Chapter-2	Giridhar ki kundaliyan
	Chapter-3	Swarg bana sakte hain

Language:- Composition, Letter writing, Comprehension.

ICSE Pattern Grammar - Vilom, Prayaywachi, visheshan, Bhavwachak sangya, Shabd sudhian, Muhavare, Do as directed.

Unit Test Portion:- Baat aththanni ki & Sakhi, Patra Lekhan, ICSE grammar.

First Assessment : Entire First Term Syllabus

2ND TERM

Gadya:	Chapter- 4	Neta ji ka chashma
	Chapter-5	Apna-Apna bhagya
	Chapter-6	Bade ghar ki beti
Padya:	Chapter- 4	Wah janmabhumi meri
	Chapter- 5	Megh aaye
	Chapter- 6	Sur ke pad

Language:- Composition, Letter writing, Comprehension.

ICSE Pattern Grammar- Vilom, Prayaywachi, visheshan, Bhavwachak sangya, Shabd sudhian, Muhavare, Do as directed.

Unit Test Portion:- Neta ji ka chashma & Wah janmabhumi meri, Patra Lekhan, ICSE Grammar.

Second Assessment : Entire Second Term Syllabus

COMPUTER APPLICATIONS

1st TERM

Chapter & Topic

1. Introduction to Object oriented programming concepts – Elementary concept of objects and class, Working with simple Java programs in bluej environment.
2. Modeling entities and their behavior by objects, classes as a specification for objects and as an object factory, objects encapsulate state (attributes) and have behavior (methods), class as user defined type. Encapsulation. Computation as message passing/function calls between objects.
3. Data types, variables and literals. Primitive types (byte, short, int, long, float, double, char, boolean and their representation and ranges)

4. Operations on primitive values, expressions, assignment, attributes, literals, Access Specifiers, static and final modifier.
5. Console Input/output in Java using java.io classes and java.util.Scanner class. Java Operators, precedence and associativity of operators. Scope of variables. Expression evaluation using Math class methods and fields. Finding outputs of small code snippets. Introduction to conditional statement (if-else).
6. Programs based on if-else if- else

Unit Test 1 : Topic 1 and 2

First Assessment: Entire First Term Portion.

Practical Assignments to be given

2nd TERM

6. CONTD... if – else if -else programs and switch-case.
7. Basic concept of Iterative statements, Iterative constructs in Java (FOR loop, WHILE loop and DO WHILE LOOP)
8. Nested for loop: Programs involving different series and patterns etc.
9. Computing and Ethics

Unit Test 2 :

Topic 6: if – else if -else programs

Practical Assignments to be given

Second Assessment: Entire syllabus for class 9 (refer to Council's syllabus).

COMMERCIAL APPLICATIONS

1st TERM

Chapter & Topic

1. Introduction to Commercial Organisations
2. Sole Proprietorship and Joint Hindu Family Business
3. Partnership
4. Joint Stock Company
5. Cooperative Society
6. Public Sector Enterprises
7. Functioning of a Commercial Organisations
- * Revision of First Term Syllabus

PROJECT: Topics to be given.

1st UNIT: Ch.1 & 2

1st ASSESSMENT: All Chapters of First Term.

2nd TERM

8. Communication in a Commercial Organisation
9. Ways of Communicating
10. Tools of Communication
11. Nature and Terminology of Accounting
12. Accounting Records
13. Natural Resources
14. Depletion of Resources
15. Practices for Conservation of Resources
16. Industrial Pollution and Degradation of Environment
- * Revision of Complete ICSE Syllabus
- * Solving ICSE Sample Test Papers

PROJECT: Topics to be given.

2nd UNIT: Ch. 8, 9 & 10

2nd ASSESSMENT: Complete ICSE Syllabus of Class IX.

N.B: REFER ICSE COUNCIL SYLLABUS FOR DETAILS.

ECONOMIC APPLICATIONS

1st TERM

Chapter & Topic

- Chap 1 Meaning and Definition of Economics
Chap 2 Basic concepts of Economics
Chap 3 Basic Problems of an Economy
Chap 4 Types of Economies
Chap 8 Sectors of the Indian Economy

Project: Topics to be given

UNIT TEST 1 : Chapters 1 and 2

1st Assessment : All chapters completed in the First Term

2nd TERM

- Chap 9 Agriculture, Industry and the Ecosystems
Chap 10 Infrastructure of the Indian Economy
Chap 11 Consumer Awareness

Chap 12 Globalisation

Project: Topics to be given

UNIT TEST- 2 : Chapters 9 and 10

2nd Assessment : All chapters completed in the First Term and Second Term.

N.B : Please go through the ICSE Council Syllabus for details.

PHYSICAL EDUCATION

1st TERM

Chapter & Topic

1. The Human Anatomy and Physiology (Section- A)

2. Muscular System (Section- A)

Games Football (Section- B)

Games Volleyball (Section- B)

1st Unit Test: The Human Anatomy and Physiology (Ch. 1)

1st Assessment: All the chapters taught in first term

2nd TERM

3. Respiratory System (Section- A)

4. Circulatory System (Section- A)

5. Games and Sports (Section- A)

Games Cricket (Section-B)

2nd Unit Test: Respiratory System (Ch. 3)

2nd Assessment: Entire syllabus of class IX

PHYSICAL TRAINING

1st TERM

YOGA -

Asana

MEDITATION -

With and without music.

PRANAYAM -

Anulom vilom, Kapalbhathi etc.

EXERCISE -

Aerobic and Stretching.

HANDBALL -

Dribbling, Passing, catching, Shooting (Verbal explanation of rules and regulations, Audio visual presentation of skills).

THROWBALL -

Catching, Throwing, Position of the Players and Servicing (Verbal explanation of rules and regulations, Audio visual presentation of skills).

- BASKETBALL -** Dribbling, Passing, catching, Shooting (Verbal explanation of rules and regulations, Audio visual presentation of skills).
- FOOTBALL -** Passing and Receiving skills (Verbal explanation of rules and regulations, Audio visual presentation of skills).
- CRICKET -** Fielding, Batting, Bowling and Catching (Verbal explanation of rules and regulations, Audio visual presentation of skills).
- KHO-KHO -** Seating style- Parallel toe method and Bullet toe method, Attacking Style- Single chain and Double chain etc. (Verbal explanation of rules and regulations, Audio visual presentation of skills).
