

Don Bosco School, Bandel

P.O. & Dist. Hooghly - 712 103



SYLLABUS - 2020-21

CLASS - 7

Name : _____

Class : _____ Section : _____

MORAL SCIENCE

Chapter & Topic

- 1 Being Considerate
- 2 Common Cause
- 3 Responsible Citizenship
- 4 Fellow Feeling
- 5 Being Truthful
- 6 Protect Animals
- 7 Thinking Beyond Self
- 8 Fighting Barriers
- 9 Spirit of Enquiry
- 10 Understanding the Elderly
- 11 Freedom and Democracy
- 12 Everyone is Equal

CATECHISM

Chapter & Topic

1. God's Promise
2. The Divinity
3. The temptation
4. Jesus Proclaims
5. Jesus Reveals
6. Jesus Teaches
7. Jesus Suffers
8. Jesus Dies
9. Jesus Teaches Us
10. Jesus is Victorious
11. On the Way
12. Resurrection
13. Jesus Ascended
14. Fulfillment
15. The Second Coming

BIBLE HISTORY

Chapter & Topic

- Ch 75. The Disciples
Ch 76. Jesus and Mary-Cana
Ch 81. Jesus Choses 12 Disciples

- Ch 82. The Sermon on the Mount
- Ch 84. Jesus Forgives a penitent woman
- Ch 89. Peter the Rock
- Ch 91. Jesus Shows Mercy
- Ch 95. Jesus and the Children
- Ch 99. The Parable of the good samaritan
- Ch 103. Our Father
- Ch 106. The Last Supper
- Ch 108. The Kiss of Judas
- Ch 110. Jesus before Caiaphas
- Ch 111. Jesus before Pilate
- Ch 114. The Death of Jesus
- Ch 115. The Resurrection
- Ch 119. The Descent of the Holy Spirit
- Ch 121. Stephen the First Martyr
- Ch 129. The Catholic Church
- Ch 130. Religious Freedom

ENGLISH LANGUAGE

(Revised Syllabus)

Sl No.	Learning Skills	Chapter / Topic
1	Writing :	Organize and structure meaningful sentences in a sequential manner. Use of linkers such as “however”, “therefore”,etc. to link sentences to indicate passage of time and provide a sense of closure. Narrative and Descriptive composition (200-250 words).
2	Grammar :	Phrases and Clauses (Identification) Subject - Verb Agreement (Chap:10)
3	Reading, Listening and Writing:	Comprehension
4	Writing :	Messages, Invitations and Short Paragraphs.
5	Grammar :	Tense - Simple, Continuous, Perfect (Chap: 6 and 7) Active and Passive Voice
6	Writing :	Informal letters (Letters to parents, friends and relatives)
7	Grammar:	Articles Prepositions

8	Writing:	Creative Writing : Stories, First person account.
9	Vocabulary :	Synonym and Antonym. Use of dictionary to find the pronunciation of a word , determine or clarify its precise meaning, Parts of Speech.
10	Grammar:	Sentences : Simple, Complex and Compound (Identification)
11	Grammar :	Figurative Language (e.g. Pun, Personification, Alliteration, Metaphor, Simile, Onomatopoeia)
12	Writing:	Applications Prepare Notices / Greetings / Invitations.
13	Vocabulary :	Age appropriate use of words and phrases (Ch 25 : Binomials, Proverbs)
14	Writing :	Follow Process approach to writing, planning, revising, reviewing, editing and rewriting.
15	Grammar :	Gerund Mood
16	Reading, Listening and Speaking Skills :	Listen to a variety of texts from different genres and registers such as story, poems, narratives, speech for aural/written comprehension. Listen and comprehend issues/topics raised in spoken texts as in speech, debates and group discussions. Speak in a variety of contexts and tasks e.g. tone, gestures, stress, voice modulation. Literary, non- literary texts on a wide range of themes covering different genres and registers.
	Activity :	Flashcards Posters Charts

ENGLISH LITERATURE

(as per reduced ICSE Syllabus)

BOOK- NEW ASTER ADVANCED-7

BY- LALITHA EAPEN, TARA CHADHA , ANNE DIAS (SERIES EDITOR)

Chapter	Topic	
1	Attila	R K Narayan
4	The Rubber Plant's Story	O Henry

5	If	Rudyard Kipling
7	The Remarkable Rocket	Oscar Wilde
8	The Last Bargain	Rabindranath Tagore
10	I am Malala by Malala Yousafzai Chapter Six: Children of the rubbish Mountain	Malala Yousafzai
12	The Mysterious Affair at Styles	Agatha Christie
13	The New World	Arthur Conan Doyle
16	The Holy Panchayat	Munshi Premchand
2	The Vagabond	R L Stevenson
3	The Great Bell	Chinese Folk Tale
6	Three Men in a Boat	Jerome K Jerome

(If time permits)

MATHEMATICS

Name of the Book: **Fundamentals of Mathematics by Anil Kr. Sharma;
Sultan Chand Educational Publishers**

Serial No.	Chapter	Topic
1	Ch-1	Integers
2	Ch-2	Fractions
3	Ch-3	Rational Numbers
4	Ch-4	Exponents
5	Ch-5	Sets
6	Ch-7	Percentage
7	Ch-8	Applications of Percentage
8	Ch-10	Algebraic Expressions
9	Ch-14	Properties of Triangles
10	Ch-13	Understanding Shapes
11	Ch-11	Simple Linear Equations
12	Ch-18	Constructions
13	Ch-19	Perimeter and Area of 2-D Shapes
14	Ch-21	Mean, Median and Mode of Ungrouped Data

Refer to the Revised Council Syllabus for 2020-21 for details

PHYSICS

(Revised Syllabus for the Year 2020-21)

NAME OF BOOK: CONCISE PHYSICS FOR 7

Sl. No. Ch. No. & Topic

1.	1	Physical Quantities and Measurement	<p>Define volume.</p> <p>Express volume of an object in a proper unit & proper symbols.</p> <p>Measure volume of a liquid using graduated cylinder and a graduated beaker.</p> <p>Estimate the area of an object of regular shape using formula;</p> <p>Define density & write its formula.</p> <p>Express density in a proper unit & symbol.</p> <p>Measure density of a regular solid.</p> <p>Express the result of measurement in a proper unit with proper symbol.</p> <p>Define speed & write its formula.</p> <p>Express speed in proper units with proper symbol.</p>
2.	2	Motion	<p>Define motion.</p> <p>Identify objects in motion and at rest.</p> <p>Describe different types of motion with examples from daily life.</p> <p>Define uniform motion & non-uniform motion with examples from daily life.</p> <p>Define weight.</p> <p>Relate weight of an object with its mass.</p>
3.	3	Energy	<p>Define energy.</p> <p>Express energy in proper units.</p> <p>Discuss about different forms of energy.</p> <p>Describe conversion of energy from one form to another in different situations.</p> <p>State law of conservation of energy with examples.</p>

- | | | |
|----|---------------------------|---|
| 4. | 4 Light energy | <p>Explain the phenomenon of reflection.</p> <p>Define the terms plane, normal to plane, point of incidence, angle of incidence & angle of reflection.</p> <p>State the laws of reflection.</p> <p>Describe reflection of light from a plane mirror.</p> <p>Define the terms virtual image, real image & lateral inversion.</p> <p>State the value of speed of light.</p> |
| 5. | 5 Heat | <p>Define heat as energy.</p> <p>Define units of heat.</p> <p>Describe temperature scales: degree Celsius, Fahrenheit & Kelvin.</p> <p>Describe different effects of heat.</p> <p>Explain different modes of heat transfer.</p> <p>Decide about conductor & insulator of heat in different applications.</p> |
| 6. | 6 Sound | <p>Identify different sources of sound.</p> <p>Describe sound as a longitudinal wave.</p> <p>Define amplitude & frequency of sound.</p> <p>Demonstrate that sound needs a medium to transmit.</p> <p>List examples of reflection & absorption of sound.</p> <p>Analyse the relative speed of sound in different mediums.</p> |
| 7. | 7 Electricity & Magnetism | <p>State law of magnetism.</p> <p>Describe test for a magnet.</p> <p>Relate current to flow of charge.</p> <p>Recognize electric cell as a source of electricity.</p> <p>Define resistors as the component that opposes the flow of current.</p> <p>Represent different components like cell, battery, key bulb, connecting wire, resistor by standard symbols.</p> |

Recognize battery as series combination of cells.
Define conductors & insulators of electricity.

CHEMISTRY

Chapter Topic

1	Matter and its composition
2	Physical and chemical changes
4	Atoms molecules and radicals
5	Language of chemistry
6	Metals and non-metals (Only properties and distinguish between metals and non-metals with the general properties.)

BIOLOGY

Name of the book : Concise Biology (Middle School)

Name of Author : Dr. K.k. Gupta

Publication : Selina Publishers Pvt. Ltd.

Serial No.	Chapter	Topic
1	Ch. 1	Plant & Animal Tissues
2	Ch. 2	Classification of Plants
3	Ch. 3	Classification of Animals
4	Ch. 4	Photosynthesis & Respiration
5	Ch. 5	Excretion in Humans

HISTORY & CIVICS

(REVISED SYLLABUS - 2020-21)

BOOK NAME : LONGMAN HISTORY AND CIVICS

AUTHOR : JASMINE DHILLON AND VIPUL SINGH

PUBLICATION : PEARSON

HISTORY

CHAPTER	TOPIC	SUBTOPICS
1	RISE AND SPREAD OF CHRISTIANITY	<ul style="list-style-type: none">• MEANING OF THE TERM 'MEDIEVAL' (INTRODUCTION).• SOCIO POLITICAL CIRCUMSTANCES.• BIRTH OF CHRISTIANITY (JESUS CHRIST , TEACHINGS, CRUCIFIXION, RESURRECTION).• ROMAN EMPEROR CONSTANTINE, EMERGENCE OF CONSTANTINOPOLE AS NEW CHRISTIAN CAPITAL...DECLINE OF ANCIENT EUROPE, DIVISION OF ROMAN EMPIRE (BYZANTIUM-NEW EMPIRE), CRUSADES.
2	ISLAM AND ITS IMPACT ON MIDDLE EAST	<ul style="list-style-type: none">• BIRTH OF PROPHET MOHAMMAD• DIVINE REVELATION(EARLY LIFE TEACHINGS).• ISLAM AND FIVE PRINCIPLES OF ISLAM.• SPREAD OF ISLAM.• ISLAM IN INDIAN SUB-CONTINENT.
4	(THE DEHI SULTANATE) THE MAMLUK DYNASTY	<ul style="list-style-type: none">• THE TURKISH INVASIONS (ONLY NAMES OF INVADERS THAT LED TO FOUNDATION OF DELHI SULTANATE AND ATTACKS MADE ON SOMNATH TEMPLE BY MAHMUD OF GHAZNI• RULE OF FIVE DYNASTIES OF DELHI SULTANATE.• ILTUTMISH AND HIS ACHIEVEMENTS.• GHIYASUDDIN BALBAN AND HIS ACHIEVEMENTS.

5	THE KHALJI DYNASTY	<ul style="list-style-type: none"> • ALAUDDIN KHALJI (INTRODUCTION) • CONQUESTS. • THREAT OF MONGOL INVASIONS. • REPRESSION OF THE NOBLES. • MILITARY REFORMS ... REVENUE REFORMS, MARKET CONTROL REGULATIONS, ART AND ARCHITECTURE.
6	THE TUGHLAQ DYNASTY	<ul style="list-style-type: none"> • MUHAMMAD-BIN-TUGHLAQ (REIGN) • CASE STUDY. • TRANSFER OF CAPITAL. • INTRODUCTION OF TOKEN CURRENCY. • EXPANSION SCHEMES... EFFECTS OF THE FAILED EXPERIMENTS.
9	THE EARLY MUGHALS	<ul style="list-style-type: none"> • AN OVERVIEW OF MUGHAL EMPIRE(INTRODUCTION AND RULERS OF MUGHAL DYNASTY) • BABUR (REIGN). • INVASION OF INDIA. • COURSE OF BABUR'S SUCCESS IN INDIA (FIRST BATTLE OF PANIPAT). • REASONS FOR BABUR'S VICTORY... CONSEQUENCES OF BATTLE OF PANIPAT (ESTB.OF MUGHAL RULE IN INDIA).
11	AKBAR THE GREAT	<ul style="list-style-type: none"> • INTRODUCTION AND BAIRAM KHAN'S REGENCY. • SECOND BATTLE OF PANIPAT. • AKBAR'S RULE (RELATION WITH OTHER RULERS) INCLUDES ALL SUB-POINTS. • AKBAR'S ADMINISTRATION (CENTRAL, PROVINCIAL, MANSABDARI, MILITARY, REVENUE, RELIGIOUS).
13	AURANGZEB AND THE REGIONAL KINGDOMS	<ul style="list-style-type: none"> • INTRODUCTION. • AURANGZEB AND HIS REIGN. • HIS CONFLICTS WITH MARATHAS, EARLY CONFLICTS

WITH BIJAPUR, DEFEAT OF SHAISTA KHAN (HIS DECCAN POLICY).

- LATER CONFLICTS WITH AURANGZEB, WAR WITH MARATHAS.
- OUTCOME OF THE CONFLICT (DECLINE OF MUGHALS).

CIVICS

CHAPTER

TOPIC

SUBTOPICS

1

MAKING OF
OUR CONSTITUTION

- THE CONSTITUTION - MEANING AND PURPOSE
- THE CONSTITUENT ASSEMBLY.
- THE PREAMBLE.
- THE AIMS AND OBJECTIVES.

2

DIRECTIVE PRINCIPLES
OF STATE POLICY

WELFARE STATE - FEATURES ,
DIRECTIVE PRINCIPLES OF STATE
POLICY - MEANING AND
IMPORTANCE

GEOGRAPHY

Chapter & Topic

- 1 Topographical Sheets : Colours, Signs and Symbols
- 2 Scale and Distance
- 3 Composition and Structure of the Atmosphere
- 5 Study of Weather
- 6 Recording of Weather
- 9 Industries : Their Need and Classification
- 10 Major Industries
- 12 Europe : Location, Area, Political and Physical Features
- 13 Europe : Climate, Natural Vegetation, Wildlife; Forest, Minerals and Power Resources
- 14 Africa : Location, Area, Political and Physical Features
- 15 Africa : Climate, Natural Vegetation, Wildlife; Minerals
- 16 Australia : Location, Area, Political and Physical Features
- 17 Australia : Climate, Natural Vegetation, Wildlife; Forest and Minerals.

SECOND LANGUAGE (BENGALI)

Book Name : 1. Sahitya Katha-Part 7, [Publisher : - Asha Book Agency]
2. Vasha Prokash Bangla Byakaron o Rachona Probesh.

1. BENGALI PROSE:-

- (1) Sroddha o Bhakti
- (2) Sriramkrishna
- (3) Rajodrohi
- (4) Tota Kahini
- (5) Sobcheye Valo
- (6) Borof Bichano Deshe

2. BENGALI POETRY:-

- (1) Gurudokkhina
- (2) Debotar Biday
- (3) Ek Brinte Duti Fool
- (4) Banglar Mukh Ami Dekhiachi
- (5) Sneher Joy

3. BENGALI GRAMMAR :-

- (1) Banjon Sondhi
- (2) Kriyar Kal
- (3) Suddha Banan
- (4) Somoccharito Vinnarthok Shobdo
- (5) Bohupoder Ekpodikoron
- (6) Somarthok Shobdo
- (7) Sadhu o Cholit

4. Bodhporikhon & Bengali Essay

SECOND LANGUAGE (HINDI)

(REDUCED SYLLABUS)

Name of the books:- Vat Vriksha-7, Vyakaran Vriksha-7, Pyar Ka Shahjada.

Chapter & Topic

Vat Vriksha:-	Ch. 1 & 2. Mukti Ki Aakansha, Sansar Pustak Hai.
Vyakaran:-	Bhasha, Boli, Lipi Tatha Vyakaran, varna-vichar, Uchcharan Aur Vartani, Shabd -Vichar.
Vat Vriksha:-	Ch.3 Hamara Dayitwa
Vyakaran:-	Upsarg, Pratyay, Prayaywachi Shabd, Samrup Bhinarthak, Patra Lekhan.
Vat Vriksha:-	Ch. 4 Paisa-Paisa, ch.5 Phul Aur Kanta.

Vyakaran:-	Nibandh Lekhan, Sangya, Ling, Vachan, Comprehension, Vilom Shabd.
Vat Vriksha:-	Ch-7 Dengu Bukhar. Ch-8 Prayaschit.
Vyakaran:-	Muhawarein & Lokokttiyen. Kaal. Samuhwachi Shabd. Anek Shabdon ke Liye ek Shabd, Vilom, Comprehension. Sangya, Ling
Vat Vriksha:-	Bholaram ka jeev Ch. 10.
Vyakaran:-	Comprehension, Sarwanam, Patra-Lekhan.
Vat Vriksha:-	Chhota Jadugar, Kakri ki Kimat, Bharat Mata, Ch- 11, 12 & 13
Vyakaran:-	Visheshan, Nibandh-Lekhan, kaal, Patra-Lekhan.
Vat Vriksha:-	Neev ki Eint. Ch. 14
Vyakaran:-	Comprehension, Nibandh, Patra-Lekhan.
Pyar ka shahjada: -	Ch.3

3RD LANGUAGE HINDI

(REDUCED SYLLABUS)

Name of the book:- Medha Part - 4

Chapter	Topic
Ch.-1 & 2	Ek Kiran Aai-chhai, Chatur Hans.
Ch.-3	Har Ki Jeet
Ch.-4	Guru Dron.
Ch.-5	Veer, Tum Badhe chalo
Ch.- 8	Christmas Cake
Ch.- 10, 11 &12	Chetak, Titahri Aur Samudra, Bano Ka Mahatwa
Ch.-13 & 14	Jhatpat Singh, Kaun Sikhata Hai
Ch.- 15	Ekta Main Bal Hai

3RD LANGUAGE BENGALI

(REDUCED SYLLABUS)

Name of the book - Sanchayita

Publication - Medinipur Book Dipo.

Serial. no.	Topics
1	Abdul Majhir Golpo
2	Talgach

3	Pother Majhe
4	Mojar Muklluk
5	Kuor Bang
6	Danpite
7	Dashur Khaypami
8	Saraswati Pujar Podya
9	Khokoner bondhu
10	Train
11	Bonvojon
12	Feludar Lakhno Jatra
13	Kalo Kalo Meghguli
14	Essay

COMPUTER

Chapters/Topics

Computer Virus (Ch-3)

More on HTML(Ch-7)

Number System-

An Introduction (Ch-2)

Sub-topics

Definition and example of computer virus.

Types of Virus (boot sector and program file virus - definition and examples). Virus

symptoms and harm caused by virus

Antivirus - definition and examples. Ways to prevent a virus (e.g. scanning pen drive, and CDs, downloading only from secured sites, updating of antivirus regularly etc.). Definition and example of forms of virus attack (malware, worm, spyware, Trojan horse, sweeper).

Create lists (,) . Insert Images in web pages . Insert links <a href>, tables <tr>, <td>, <table>.Display objects through <Marquee>.Create forms using <form> tag.

Introduction to Number system: need for number systems and examples of various number systems. Digits and bases of different number systems. Represent value in different number systems (Decimal, binary, octal and hexadecimal number system). Conversions from decimal to binary and vice versa.

Spreadsheet -
An Introduction (Ch-5)

Features of spreadsheet and its advantages. Components of Spreadsheet window: workbook and worksheet, sheet tab, cell, cell address, active cell, formula bar, row, column, name box. Types of data (number, string and formula). Perform calculations. Enter simple formulae. Insert and deleting columns and rows. Copy and move data. Use auto fill feature.

Ethics and Safety Measures
in Computing (Ch-4)

Advantages and disadvantages of using internet. A brief introduction to ethics in computing. Unethical practices prevalent in the society, related to internet: Intellectual property rights Meaning and a brief explanation of the different unethical practices stated along with the preventive measures. Safety Measures to be taken while using the computer and internet. Protection using Firewall (meaning and a brief explanation). Digital footprints (meaning and sensitising children about it.)

GENERAL KNOWLEDGE

Chapter & Topic

The Natural world

Geo Wonders

Forest Quest

Antarctic Adventures

Kingdom of the Ocean

Science and Technology

Indian Scientist and Inventions

On the move

Science Quiz

Branches of Science

Space Quiz

The Chemistry of it

It Queries

Unique Universe

20th Century Inventions

Things around us

Environmental threats
Tackling Garbage
Making Re- cycled Paper
Deadly Disasters
Conserving Water
Numbers and Logical Skills
Brain Teasers
Math Magic
Prickly Puzzles
Language and Literature
Legends and Myths
Mythical Creatures
Story Time
Book Land
Arts and Music
Screen Names
Amazing Artist
Legends of Indian Cinema
Celebrities who care
Sports
Counting on Courage
Playing Hockey
Cricket 20twenty
Martial arts
Sporting Stars
The World Around Us
Most Populous Cities of the World
Tradition Tour
Famous People
Castles and Palaces
Famous Explorers
Tribes of India
The United Nations
Parliaments of the World
Business Giants
Noble Women
Governing Systems
Lost Cities
Talking 21 Century
Knowing Eastern India
Guess the Band

Mixed Bag

Quiz Yourself 1, 2, 3

Model Test Papers 1, 2

Revision and current affairs

10% of the total questions will be out of the syllabus (Current Affairs)

PHYSICAL EDUCATION (FIELD ACTIVITIES)

TOPICS:

YOGA - Asana

MEDITATION - With and without music.

PRANAYAM - Anulom vilom, Kapalbhati 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).
