



NOPANY HIGH

(I.C.S.E. & I.S.C Affiliated)
2-C, NandoMullick Lane, Kolkata - 700006

Syllabus

Academic Session: 2021 - 2022

Class: VII (Unit -II)

English Language	
Text Book I : Climb with Cornerstone Grammar and Composition for Class 7	
Publisher : Pearson Publishers	
Climb with Cornerstone :	
Chapter : 7	Simple Tenses (Present, Past, Future)
Chapter : 8	Continuous Tenses (Present, Past, Future)
Chapter : 9	Perfect Tenses (Present, Past, Future)
Chapter : 10	Modals and Auxiliaries
Chapter : 13	Active and Passive Voice
Chapter : 19	Direct and Indirect Speech
Text Book II : Longman Reading Comprehension and Composition	
Publisher : Pearson Publishers	
Longman Reading Comprehension and Composition	
Chapters : 8 and 11	
Reference Book : <i>High School English Grammar and Composition</i>	
Publisher : Blackie ELT Books	
High School English Grammar and Composition	
(i) Tenses (ii) Direct and Indirect Speech (iii) Active and Passive Voice	
<u>Writing Skills</u>	
1. Composition : (a) My Favourite Movie (b) A Day at the Beach	
2. Letter Writing: You have just acquired an unusual pet. Write a letter to your friend telling him/her about it. Give details about the care you have to take in looking after and feeding the pet. Write a letter to the Editor of a Newspaper about the problem of frequent power breakdown in your locality.	
Project Work: Write (a) an Autobiography of a Street Dog (b) an Autobiography of a Coin.	

English Literature	
Text Book I : Dreamcatcher 7 (An English Reader)	
Publisher : Madhuban Educational Books	
Prose:	
Chapter : 7	My Financial Career by Stephen Leacock
Chapter : 13	I Create Life by Mary Shelley
Poem:	
Chapter : 9	On Killing a Tree by Gieve Patel
Chapter : 14	We Wear the Mask by Paul Lawrence Dunbar
Text Book II : Black Beauty	

Publisher : Future Kids Publications

Chapters: 5, 6 and 7

Project Work:

Read a short story book of your choice and write down the summary of the story, about the author, your favourite character or characters from the story book and the message that you get from the book.

Mathematics

Text Book : *Inspired Maths (for class - 7)*

Publisher : Orient Black Swan

All the topics from unit-1 are included in unit-2

Arithmetic

Chapter : 5 | Decimal Representation of Rational Numbers:Ex:5.1,Ex:5.2

Chapter : 6 | Decimals: Multiplication and Division:Ex:6.1,Ex:6.2

Chapter : 7 | Exponents: Ex:7.1,Ex:7.2,Ex:7.3

Chapter : 8 | Sets:Ex:8.1, Ex:8.2

Algebra

Chapter : 11 | Linear Equations: Ex:11.1,Ex:11.2,Ex:11.3,Ex:11.4

Mensuration:

Chapter : 18 | Perimeter and Area: Ex:18.2,Ex:18.3

Geometry:

Chapter :13 | Construction with Ruler and Compass:Ex:13.1,Ex:13.2

Chapter :14 | Properties of Triangles : Ex:14.1,Ex:14.2,Ex:14.3

Project: | Page:169 (Activity 4) and Page: 67 (Enrichment)

PHYSICS

Text Book :Frank New Certificate Physics -7

Publisher: Frank Brothers andCo.

Author: Sanjay KumarBasak

ALL THE CHAPTERS OF UNIT-I ARE INCLUDED IN UNIT-II

Chapter : 4 | Light

Chapter : 5 | Heat

Chapter : 6 | Sound

PROJECT: | Chart project on 'Laws of Reflection'

Chemistry

Text Book : Frank New Certificate Chemistry(Class7

Publisher : Frank Bros. & Co

Chapter : | Separation of Substances

Chapter : | Atomic Structure

Chapter : | Language of Chemistry

Revision Chapters: | Matter
Changes Around Us
Elements, Compounds and Mixtures

Project: | Make a list of first thirty elements from Periodic table and their usage.

Biology	
Text Book : <i>Frank New Certificate Biology-7</i> Publisher : <i>Frank Brothers and Co.</i>	
Chapter : 3	Kingdom Animalia
Chapter : 4	Photosynthesis in plants
Chapter : 5	Respiration in Plants
PROJECT:	Chart work on Photosynthesis and its importance/significance

History& Civics	
Text Book : <i>Frank Modern Certificate History and Civics (Class 7)</i> Publisher : <i>Frank Bros. & Co</i>	
History :	
Chapter : 4	The Delhi Sultanate – the Mamluk Dynasty
Chapter : 5	The Delhi Sultanate – the Khalji Dynasty
Chapter : 6	The Tughlaq, the Sayyid and the Lodi Dynasties
Chapter : 7	Life during the Sultanate Period
Civics :	
Chapter : 15	Directive Principles of State Policy
Revision Chapter : 3	The Turkish Invasions
Internal Assignment :	Development of Architecture during the Sultanate period

Geography	
Text Book : <i>Transverse Geography for Class 7</i> Publisher : <i>Madhubun</i>	
Chapter :3	Study of Weather
Chapter :4	Recording of Weather
Chapter :10	Africa – Location , Political Division and Physical Features
Chapter :11	Africa – Climate , Vegetation , Wildlife , Minerals and Power
Chapter : 14	Antarctica
Chapter : 6 (revision chapter)	Manufacturing Industries
MAP WORK	Africa (Mountain , Latitudes , Water Bodies , Forest , Cities)
CHART WORK	Natural vegetation and wildlife of Africa

Computer

Book Name: Frank Computer Studies – 7

Author Name: SuchandaSen

Publisher: Frank Bros. & Co.

Chapter 3 : Computer Virus.

Chapter 4 : Ethics and Safety Measures in Computing

Chapter 5 : Spreadsheets – An Introduction.

Revision Chapter : Number System

Project Design a Report Card in Spreadsheet with the details as given below:

Roll No.	Name	English	Maths	Science	History	Geography	Computer	Total	Average
1	Arijit	56	89	90	68	76	90	469	78.2
2	Arpita	69	86	94	87	88	100	524	87.3
3	---	---	---	---	---	---	---	---	---

Hindi Language

Text Book - I : नवीन हिंदी व्यावहारिक व्याकरण तथा रचना भाग - 7

पब्लिशर :- गोयल ब्रदर्स प्रकाशन

व्याकरण -	वाक्य परिवर्तन(अर्थ के आधार पर), विनोम शब्द , पर्यायवाची शब्द ,मुहावरे वचन, अनेक शब्दों के लिए एक शब्द
अपठित गद्यांश -	कोई दो
निबंध -	शिक्षक दिवस वर्षा का एक दिन
पत्र लेखन -	औपचारिक पत्र

Hindi Literature

Text Book : नूतन गुंजन हिंदी पाठशाला - 7

पब्लिशर :- मधुवन एजुकेशन बुक्स

पाठ : 1	निष्ठुर अनुकंपा (कहानी)
पाठ : 2	नीक पर वे चले (कविता)
पाठ : 3	राखी का मूल्य (कहानी)
पाठ : 4	अद्वितीय पूर्वोत्तर भारत (कहानी)

Bengali Language (বাংলা ভাষা)			
Text Book I - : <i>আধুনিক বাংলা ব্যাকরণ ও ভাষা বিচিত্রা (সপ্তম শ্রেণি) Publisher: দে বুক কনসার্ন</i>			
Text Book II - : <i>রচনা সাহিত্য Publisher: মুকুলিকা</i>			
প্রবন্ধ রচনা (নমুনা) অথবা চিত্র পর্যবেক্ষণ	i. তোমার পছন্দের পোষ্য ii. শহর কলকাতা iii. পরিবেশ দূষণ ও তার প্রতিকার		
পত্র রচনা	ব্যক্তিগত পত্র ও বৈষয়িক পত্র		
বোধ পরীক্ষণ			
ব্যাকরণ	শব্দভাণ্ডারঃ বাংলা ভাষার শব্দ, শব্দের বৈচিত্র্য, কারক ও অকারক সম্পর্ক, এককথায় প্রকাশ, বিপরীতার্থক শব্দ দিয়ে বাক্যরচনা, সমোচ্চারিত ভিন্নার্থক শব্দ		
Bengali Literature (বাংলা সাহিত্য)			
Text Book : <i>সাহিত্য মুকুল (সপ্তম ভাগ)- মৃগালকান্তি বসু Publisher : এ. কে. বুক হাউস</i>			
গদ্য		পদ্য	
পাঠ- ৪	মহাপ্রস্থান	পাঠ- ৭	বঙ্গমাতা
পাঠ- ৩	নীল বিদ্রোহের কথা	পাঠ- ৯	ছেলের দল
পাঠ - ১১	তোতাকাহিনি	পাঠ- ১১	কন্যা শরৎ
পুনরুন্মীলন-			
গদ্য		পদ্য	
পাঠ- ৬	বর্ষার রূপ	পাঠ- ২	আরুণি
Project-			
পাঠ্য তোতাকাহিনি গল্পটিতে তোত পাখির বুদ্ধির পরিচয় মেলে। আমাদের এই বঙ্গদেশ এইরকমই বহু পাখির বাসস্থান। বাংলার বিচিত্র পাখিগুলির মধ্যে পাঁচটি পাখির চরিত্র ও বিশেষত্ব সম্পর্কে লিখে একটি প্রকল্প তৈরি করো।			

Art	
Text Book : <i>Busy Bees Art & Craft-7</i> <i>Publisher: Acevision Publisher Pvt. Ltd.</i>	
Chapter : 12	Object Drawing
Chapter : 18	Tree Study
Chapter : 21	Landscape
Chapter :28	Bird
Chapter : 33	Young Man's Face
Chapter : 37	More Expressions
Chapter : 45	Village Scene
Chapter : 47	Drawing Cartoons
Chapter : 49	Folk Art
Craft	
Text Book : <i>Busy Bees Craft -7</i> <i>Publisher: Acevision Publisher Pvt. Ltd.</i>	
Chapter : 4	Glass Painting
Chapter : 6	Tying the Knot