

MAHATMA J. F. PUBLIC SCHOOL

Affiliated to CBSE (10+2), Delhi

Babu Mata Prasad Building, Manduadih, Varanasi-221103

Syllabus – 2022-23

Class – 7th

ENGLISH

THE ENGLISH CHANNEL A MULTI-SKILL ENGLISH COURSE BOOK ROUTE TO GRAMMAR AND COMPOSITION-7

TERM-I

UNIT – I

Reader	Lesson1 -Section (A) Pirate Story, Section (C) A ship on Fire at Sea Lesson 2 - Section (B) Ranikhet's Gift (All exercises which are given in the book)
Grammar	Chapter4 — Noun, Chapter 2 — The Phrase, Chapter 14 —The Present Tense (All exercises which are given in the book)
Project	<ul style="list-style-type: none"> Circle the articles in an English Newspaper Make a word sudoku using adjectives and adverbs
Assignment	<ul style="list-style-type: none"> ❖ Make 20 difficult words with meanings. ❖ Write summary of the lessons ❖ Reading comprehensive.

HALF YEARLY

Reader	Lesson 2 -Section (A) The Brook Lesson 3 -Section (B) The Stolen Bacillus, Section (C) The Shadow and the flash. Lesson 4 -Section (A) A Nation's Strength, Section (B) The Lama (All exercises which are given in the book)
Grammar	Chapter 3 —The Clause, Chapter5 — The Adjective, Chapter6 — The Pronoun Chapter8 — The Verb, Chapter9 — The Adverb, Chapter15 —The Past Tense (All exercises which are given in the book)
Writing	Letter+ Paragraph + Essay
NOTE	Half Yearly Examination = Unit-I + Half Yearly

TERM-II

UNIT – II

Reader	Lesson 5 -Section(A) A house with the Grey Gate, Section(B) A Report on cleanliness Lesson 6 -Section(C) When Hitler Stole Pink Rabbit (All exercises which are given in the book)
Grammar	Chapter 10 —The Preposition, Chapter 11 —The Conjunction, Chapter 12 —The Interjection Chapter 16 —The Future Tense (All exercises which are given in the book).
Project	<ul style="list-style-type: none"> Write a film review using past tense. Make a conjunction tree.
Assignment	<ul style="list-style-type: none"> ❖ Write 20 words with meanings. ❖ Write summary of the lessons. ❖ Reading Comprehensive.

ANNUAL EXAMINATION

Reader	Lesson 6 —Section (A)-The Charge of the Light Brigade Lesson 7 —Section (A) Indian Weavers,Section (B) Leading the way Section (C) The Chocolate-Cream Soldier (All exercises which are given in the book).
Grammar	Chapter 19 — Voice, Chapter 22 —Direct - Indirect Speech, Chapter 24 — Idioms and Phrases Chapter 23 —Words Formation (All exercises which are given in the book)
Writing	E-mail+ Notice+ Diary
NOTE	Annual Examination :- Unit I+Unit II +Half Yearly + Annual Examination



हिन्दी

पाठ्य-पुस्तक :मंथन -7
व्याकरण : व्याकरण सागर

TERM-I

इकाई-1

मंथन	पाठ 1- उठ समय से मोरचा ले (कविता) पाठ 2- दीप से दीप जले (कहानी) पाठ-3 ऐसा है जापान (ई-मेल)पाठ-4 ठाकुर का कुआँ (कहानी)
व्याकरण	भाषा एवं व्याकरण, वर्ण-विचार, शब्द-विचार, शब्द भंडार, विलोम, पर्यायवाची, अनेक शब्दों के लिए एक शब्द, मुहावरे एवं लोकोक्तियाँ
परियोजना कार्य	<ul style="list-style-type: none"> हिन्दी के महीनों के नाम अंग्रेजी नामों के साथ चार्ट पेपर पर सुंदर ढंग से लिखें। हिन्दी भाषा की उपभाषाओं का वर्गीकरण करते हुए उनके अन्तर्गत आने वाली बोलियों को सुंदर ढंग से चार्ट पेपर पर लिखें। कार्ड बोर्ड (दपती) और चार्ट पेपर से पर्यायवाची सुमन बनाएं।
सत्रीय कार्य	कक्षा कार्य उत्तरपुस्तिका

अर्द्धवार्षिक परीक्षा

मंथन	पाठ 5- भारत रत्न : भूपेन हजारिका (जीवन परिचय) पाठ 6- लौह अयस्क की खदानों से (झायरी) पाठ 7- बादल का अंतर बरस रहा (कविता)
व्याकरण	सर्वनाम, विशेषण, संधि, शब्द-भण्डार-विलोम, पर्यायवाची, अनेक शब्दों लिए एक शब्द, मुहावरे एवं लोकोक्तियाँ, पत्र-लेखन, निबंध लेखन, अपठित गद्यांश एवं पद्यांश
नोट	अर्द्धवार्षिक - इकाई-1 + अर्द्धवार्षिक

TERM-II

इकाई-2

मंथन	पाठ 8- सारागढ़ी का (युद्ध कथा) पाठ-9 सोना (रेखाचित्र) पाठ-10 ऑस्ट्रेलिया ओलंपिक में चयन के बाद (आत्म कथांश) पाठ-11 रसखान के सवैये (कविता)
व्याकरण	क्रिया, अव्यय-क) क्रिया-विशेषण ख) संबन्ध बोधक ग) समुच्चय बोधक घ) विस्मयादि बोधक, समास
परियोजना कार्य	<ul style="list-style-type: none"> रंगीन कागज (Colour Full Paper A4 Size) अथवा शादी के कार्ड से निमंत्रण-पत्र बनाएँ। किसी भी शीर्षक पर पैम्पलेट बनाएँ अथवा विज्ञापन-चित्रण चार्ट पेपर पर करें कार्ड बोर्ड या दपती से अनार बनाकर उस पर विलोम शब्द लिखें।
सत्रीय कार्य	कक्षा कार्य उत्तरपुस्तिका

वार्षिक परीक्षा

पल्लव-7	पाठ 12- नाना जी का बाघ (जीवन अनुभव) पाठ 13- आओ फिर से दिया जलाएँ (कविता) पाठ 14- मिनी मंगल ग्रह पर (लेख)
व्याकरण	वाच्य, वाक्य विचार, शब्द-भण्डार-विलोम, पर्यायवाची, अनेक शब्दों के लिए एक शब्द, मुहावरे एवं लोकोक्तियाँ, पत्र लेखन, निबंध लेखन, अपठित गद्यांश एवं पद्यांश
नोट	वार्षिक परीक्षा- इकाई-1 + अर्द्धवार्षिक + इकाई-2 + वार्षिक



Mathematics-7

Maths Marvel (Indiannica Learning)

TERM-I

UNIT - I

Maths Marvel	(1) Integers (2) Fractions and Decimals (3) Rational Numbers (7) Ratio , Proportion and Unitary method
Project	(1) Make a chart paper showing – <ul style="list-style-type: none"> Types of Integers (Positive and Negative) Types of triangles (Scalene , Isosceles and Equilateral) (2) Do all activity of taught chapter. Note: All the project work will be on file paper.
Assignment	<ul style="list-style-type: none"> Solve all multiple choice questions; fill in the blank and short answer questions of taught chapter from revision exercise.

HALF YEARLY EXAMINATION

Maths Marvel	(6) Linear Equation in one variable (11) Lines and Angles (12) Properties of triangles (13) Congruence of triangles (14) Constructions (18) Collection and Organisation of data
NOTE	Half yearly Examination - Unit -I + Half yearly

TERM-II	
UNIT – II	
Maths Marvel	(7) Perimeter and Area (8) Percentage (9) Profit and Loss (10) Simple Interest (16) Visualizing Solid Shapes
Project	(1) Make a chart paper showing formulas of profit and loss simple interest. (2) Make 3 D shapes and symmetry figure with help of card board. (3) Do all activity of taught chapter. Note: All the project work will be on file paper.
Assignment	• Solve all multiple choice questions; fill in the blank and short answer questions of taught chapter from enrichment activities.

ANNUAL EXAMINATION	
Maths Marvel	(4) Exponents and Powers (5) Algebraic Expression (15) Symmetry (19) Measures of Central Tendency (20) Construction of Bar Graphs (21) Probability
NOTE	Annual Examination :Unit I+Unit II +Half Yearly + Annual Examination



SCIENCE	
GALAXY (A COURSE IN SCIENCE)	
BOOK - 7	

TERM-I	
UNIT – I	
GALAXY (A COURSE IN SCIENCE)	(1) Nutrition in plant (2) Nutrition in Animals (3) Fibre to Fabric (13) Time and Motion
Class Activity	All the activities of each chapter will be explained.
Lab Activity	(1) To test the presence of starch in a green leaf. (2) To study the function of human digestive system. (3) To study the life cycle of the silk moth.
Projects	A} Make chart on any two topics from the given options <ul style="list-style-type: none"> • Different taste buds on the tongue. • The human digestive system . • Different modes of nutrition in plants. • Photosynthesis process. B } Collect the information about time measuring device that were used in the ancient times in different parts of the world . C} On the political map of the world, indicate the silk producing regions.
Note	All the project work will be on file paper.

HALF YEARLY	
GALAXY (A COURSE IN SCIENCE)	(4) Acid, Bases and Salts (8) Winds, Storms and Cyclones (10) Respiration in Organism (15) Light (16) Water : An essential Resource
Class Activity	All the activities of each chapter will be explained.
Lab Activity	❖ To Show acid effect on litmus paper. ❖ To study the respiration process. ❖ To show that water has air ❖ To show the reflection of light
NOTE	Half Yearly = Unit I+ Half Yearly

TERM-II	
UNIT – II	
GALAXY (A COURSE IN SCIENCE)	(4) Heat (9) Soil (11) Transportation of Substances (12) Reproduction in Plants.
Class Activity	All the activities of each chapter will be explained
Lab Activity	❖ To show that soil contains moisture. ❖ To study the reproductive parts of a flower. ❖ To study the function of the human heart.
Projects	❖ Explain the excretory system in human being with diagram. ❖ Explain different ways of asexual reproduction in plants with diagram.

Note	All the project work will be on file paper
Model	Prepare a working model from any chapter of your book.
ANNUAL EXAMINATION	
GALAXY (A COURSE IN SCIENCE)	(6) Physical and Chemical changes (7) Weather, Climate and Adaptation (14) Electric Current and its Effects (17) Forests : Our Lifeline (18) Journey of Waste Water.
Class Activity	All the activities of each chapter will be explained
Lab Activity	<ul style="list-style-type: none"> ❖ To show physical and chemical changes by using some objects. ❖ To study the heating effect of a current. ❖ To study the adaptations in animals found in polar regions.
NOTE	Annual Examination : Unit I+Unit II +Half Yearly + Annual Examination



SOCIAL SCIENCE

Social World (Joy in Learning)-7 (Marina)
RadisonMap -7(Geography & History)

TERM-I

UNIT – I

History	Chapter 2 –New Kings and Kingdoms Chapter 3 - The Sultans of Delhi
Geography	Chapter 2 - Inside Our Earth
Social and Political World	Chapter 2 –Institutional Representation of Democracy.
Map	Page No.- 5, 7, 55, 57, 59, 61, 63, 64, 67
Project (May- June)	<ul style="list-style-type: none"> ❖ Draw and write about Buland Darwaza on the Chart paper. ❖ Make a model of architecture of Cholas. ❖ Write about constitutional Provision (Articles) which prohibits discrimination, untouchability etc. ❖ Make a model of a river flow from mountains to the sea and show the various landforms it creates.
Note	All the project work will be on file paper
Assignment	Write notes of above chapters.

HALF YEARLY

History	Chapter4 –Creation of an Empire
Geography	Chapter 3 - Our Changing Earth, Chapter 4 - Air
Social and Political World	Chapter 3 –State Government
Map	Page No. 9, 11, 15, 17, 71, 73, 75, 77
Note:	Half Yearly Examination = Unit I + Half Yearly

TERM-II

UNIT – II

History	Chapter 6 – Towns, Traders and Crafts men
Geography	Chapter 5 – Water
Social and Political World	Chapter4 – Media and Democracy
Project	<ul style="list-style-type: none"> ❖ Write about the different stages through which ice cream goes through before it reaches you. ❖ Collect pictures and photographs of forests and grassland of India and write also its features. ❖ Who were Marathas ? Through light on the early life sketch of Chhatrapati Shivaji.
Note	All the project work will be on file paper.
Assignment	Write notes of above chapters.

ANNUAL EXAMINATION

History	Chapter 10 –New Political Formation in the Eighteenth Century.
Geography	Chapter 6 –Natural Vegetation and Wildlife.
Social and Political World	Chapter5 –On Advertising
Map	Page No. – 31, 41, 77, 83, 85
Note	Annual Examination :Unit I+Half Yearly + Unit II + Annual Examination

संस्कृत
पाठ्यक्रम:-कक्षा सप्तमी (7)
पाठ्य पुस्तक – संस्कृत सुधा भाग- 2

TERM-I

इकाई-1

संस्कृत सुधा	(वन्दना, वर्णमाला) अध्याय 1—एषा रमा अध्याय 2— पितामहस्य गृहम् अगच्छम् अध्याय 3— गिरीशस्य जन्मदिवसः अध्याय 4— अहम् संगणकः अस्मि
व्याकरण	'मुनि, 'किम्,(पुलिंग) शब्द रूप 'भू धातु रूप पाँचो लकार
परियोजना कार्य	<ul style="list-style-type: none"> वन्दना श्लोक को रचनात्मक ढंग से लिखते हुए चित्र भी बनाइए। 'गिरीशस्य जन्मदिवसः पाठ के आधार पर गिरिश के जन्म दिन को हिन्दी अथवा संस्कृत में लिखो एवं चित्र भी बनाइए। बलिका शब्द रूप रचनात्मक ढंग से लिखो।
सत्रीय कार्य	कक्षा कार्य कापी

अर्द्धवार्षिक परीक्षा

संस्कृत सुधा—	अध्याय 5— असत्यस्य परिणामः अध्याय 6— प्रियं भारतम् अध्याय 7— सिंहः मूषकः च अध्याय 8— प्रहेलिका अध्याय 9— नृत्यकला
व्याकरणम्	'पिताः तत् (पुलिंग— स्त्रीलिंग— नपुंसकलिंग) शब्द रूप, 'गम् धातु रूप
नोट	अर्द्धवार्षिक परीक्षा – इकाई-1 + अर्द्धवार्षिक

TERM-II

इकाई-2

संस्कृत सुधा—	अध्याय 10— पर्यावरण –प्रदूषणम् अध्याय 11— गंगानदी अध्याय 12— सूक्तयः अध्याय 13— कीडामहोत्सवः
व्याकरणम्	'मति, किम् (स्त्रीलिंग) शब्दरूप दृश धातु रूप (पाँचो लकार)
परियोजना कार्य	<ul style="list-style-type: none"> सूक्तयः श्लोक को रचनात्मक ढंग से लिखते हुए चित्र भी बनाइए गंगा नदी, पाठ के आधार पर गंगा की विशेषताओं को हिन्दी अथवा संस्कृत में लिखे एवं गंगा से सम्बन्धित श्लोक भी लिखे एवं चित्र बनाए। पितृ शब्द रूप लिखे।
सत्रीय कार्य	कक्षा कार्य कापी

वार्षिक परीक्षा

संस्कृत सुधा—	अध्याय 14— सुभाषितानि अध्याय 15— षड्वर्तवः अध्याय 16— प्रार्थना पत्रम् अध्याय 17—दशमः त्वम् असि अध्याय – 18 मम दिनचर्या
व्याकरण	मुनि/अस्मद् शब्द रूप दृश धातु रूप



DRAWING

LITTLE BEAR

LEARNING CREATIVE ART- 7

MARINA PUBLICATIONS

HALF YEARLY

Draw and Colour	Page. No. –8, 9, 10, 20, 21, 40, 41, 52, 54, 58.
Pencil Shading	Page. No. –5, 6, 7, 18, 30, 31, 34, 36, 37, 44.
Pen and Ink	Page. No. –16, 22, 27, 47, 49.
Project	<p>(1) Make a butterfly on a chart by folding design.</p> <p>(2) Make paper collage by cutting small bits of paper like vegetables, fruits, gardens, scenery etc.</p> <p>(3) Make an A4 size paper drawing by toothbrush effect.</p> <p>Note: All the project work will be on file paper.</p>
NOTE	Unit 1 : Half Yearly Examination

ANNUAL EXAMINATION

Draw and Colour	Page. No. –19, 24, 28, 29, 42, 48, 50.
Pencil Shading	Page. No. –14, 15, 25, 32, 33, 35, 43, 45.
Pen and Ink	Page. No. –11, 12, 13, 17, 26, 38, 39.
Project	<ul style="list-style-type: none"> Make a silent cartoon without saying any word. Make a beautiful Landscape on a black sheet of paper and decorate with poster colour. Make a greeting with a beautiful flowers using thumb impression. <p>Note : All the project work will be on file paper.</p>

NOTE

Annual Examination : Unit I+Unit II +Half Yearly + Annual Examination

**COMPUTER**

TOUCHPAD-7

TERM-I

UNIT – I

TOUCHPAD Chapter 1– Number System. Chapter 2– Advanced Features of Excel.

Project Explain different types of computer in detail with the help of diagram.
Note: All the project work will be on file paper.

Assignment Explain hardware and software and its types in detail.

HALF YEARLY

TOUCHPAD Chapter 3 –Building on animate CC. Chapter 4–Conditional Statements in Small basic.

NOTE Half Yearly Examination :Unit I + Half Yearly

TERM-II

UNIT – II

TOUCHPAD Chapter 5 –Introduction to HTML. Chapter 6 –HTML Lists and tables.

Project Explain generations of computer in detail with the help of diagram.
Note: All the project work will be on file paper.

Assignment Frame 10 questions from each chapter which does not match with exercise questions.

ANNUAL EXAMINATION

TOUCHPAD Chapter 7– Cyber Safety. Chapter 8– Internet Services.

NOTE Annual Examination :Unit I + Half Yearly + Unit II + Annual

**G.K.**AMAZING FACTS: A BOOK OF GENERAL KNOWLEDGE
(H.P.S. INTERNATIONAL).7

TERM-I

UNIT – I

AMAZING FACTS Chapter :-2, 3 ,4 ,8, 10, 11, 12, 13, 14.

Project 1. Describe any 10 major threats to our planet Earth.
2. Describe any 10 easy steps that can help to control your anger .

Note All the project work will be on file paper.

Assignment Collect and note down monthly news headlines (National and International) in your assignment copy.

HALF YEARLY

AMAZING FACTS Chapter :-15 16, 18, 19, 20, 21, 22, 23, 25, 26.

Note Half Yearly Examination :Unit I + Half Yearly

TERM-II

UNIT – II

AMAZING FACTS Chapter :- 27,28, 29, 31,32, 33, 34,35, 36, 41

Project • Make a chart on the topic of "Salute to the sun", with step by step.
• Write at least 20 safety rules on public.

Note All the project work will be on file paper.

Assignment Collect and note down monthly news headlines (National and International) in your assignment copy.

ANNUAL EXAMINATION

AMAZING FACTS Chapter:- 43, 45 ,46, 48, 49, 52, 53, 54, 55, 56,

Note Annual Examination :Unit I + Half Yearly + Unit II + Annual

