

Shri Mahaprabhu Public School

Syllabus planner 2020- 21

Subject - Accountancy (O55)

Class 11th

Subject teacher- Y. L. Tiwari

Month	Units /Topics
July	Part-A: Financial Accounting - 1 Unit-1: Theoretical frame work: Topic- Introduction to accounting, basic terms of Accounting, theory base of Accounting.
August	Unit-2: Accounting process: Topic: Recording of the business transactions- Voucher, accounting equation ,Journal and division of the journal. Ledger Bank reconciliation statement
September	Depreciation, provisions and reserves Accounting for bills of exchange Trial balance and Rectification of errors
October	Revision work and examination scheduled
November	Part-B: Financial Accounting -2 Unit-3: financial statement of sole proprietorship: Topic- Financial statements: Capital and revenue amounts, Income statement (trading and profit and loss account), Position statement (Balance Sheet) without adjustments
December	Financial statements with adjustments. Incomplete Records: Statement of Affairs.
January	Unit - 4: Computers in Accounting:

	Topics:- Introduction to computer and AIS. Automation of Accounting process.
February	Part- C: Project Work (any one) 1- Collection of source documents, preparation of the vouchers, Recording of transactions with the help of the vouchers. 2- Preparation of the bank reconciliation statement. 3- Comprehensive project of any sole proprietorship business.

Delated topics from syllabus:

Unit	Deleted contents	Subject teacher name
Unit 2 - Accounting process	Bank reconciliation statement with adjusted cash book. Accounting for bills of exchange:- Retirement and Renewal of bill.	Y. L. Tiwari
unit 3 - Financial statements of sole proprietorship:	Incomplete Records: Difference between accounts incomplete Records and statement of Affairs. Preparation of trading, profit and loss account and balance sheet.	
unit 4 Computers in Accounting	Unit-4- 1- Introduction to operating system. 2- Stages in automation system.	

SHRI MAHAPRABHU PUBLIC SCHOOL

SESSION 2020-21

SYLLABUS PLANNER

CLASS: - __11

SUBJECT: - __Biology__

Teacher Name:- __Ashish Srivastava

Months	Chapter name
JULY	Chapter-1 (Deleted) Chapter-2 Biological Classification. Chapter-3 Plant Kingdom.
AUGUST	Chapter-4 Animal Kingdom. Chapter-5 Morphology Of Flowering Plants. Chapter-6 (Deleted)
SEPTEMBER	Chapter-7 Structural Organisation In Animals. Chapter-8 The Unit Of Life. Chapter-9 Biomolecules.
OCTOBER	Chapter-10 Cell Cycle And Cell Division+ halfyearly
NOVEMBER	Chapter-11 (Deleted) Chapter-12 (Deleted) Chapter-13 Photosynthesis In Higher Plants. Chapter-14 Respiration In Plants.
DECEMBER	Chapter-15 (Deleted) Chapter-16 (Deleted) Chapter-17 Breathing And Exchange Of Gases. Chapter-18 Body Fluids And Circulation.
JANUARY	Chapter-19 Excretory Products And Their Elimination. Chapter-20 (Deleted) Chapter-21 Neural Control And Coordination.

FEBRUARY	Chapter-22 Chemical Coordination And Integration.

SHRI MAHAPRABHU PUBLIC SCHOOL

SESSION 2020-21

SYLLABUS PLANNER

CLASS: - 11

SUBJECT: - Business studies

Teacher Name:- shashank s p

Months	Chapter name
JULY	Unit 1 st nature and purpose of business
AUGUST	Unit 2 forms of business organisation unit 3 public private and global Enterprises
SEPTEMBER	Unit 4 business service Unit 5 emerging modes of business
OCTOBER	Revision work previous chapters for examination and I unit 6 social responsibility of business and business ethics
NOVEMBER	Unit 7 source of Business Finance
DECEMBER	Unit 8 small business
JANUARY	Unit 9 internal trade unit 10 International Business
FEBRUARY	Project work discussion and preparation given by CBSE board

Reduced Chapter List:-

unit 2 . choice of form of business organisation

unit 3 . multinational company feature joint venture public private partnership concept unit for Postal Services mail registered post parcel Speed Post courier meaning

Unit 5 . business process outsourcing BPO concept need and purpose

unit 6. business ethics concept and element

unit 7 .inter corporate deposit meaning concept

Unit 9. type of retail treat it innocent and small scale business of retailer GST goods and service tax concept and key feature

unit 10. export trade meaning and procedure import Trade meaning and procedure documents involved in international trade indent letter of credit shipping order shipping bill at received DP and World Trade Organisation meaning and objective

Note: 1. Class X and Class XII Syllabus is to be completed by November.

2. Class Nur to IX and XI Syllabus is to be completed by February First week.

SHRI MAHAPRABHU PUBLIC SCHOOL

Session 2020-21

Syllabus Planner

Class:- 11th

Subject :- Chemistry

Teacher name:- Vaibhav Jaiswal

Month	Chapter name
July	Chapter-1 Some basic concepts of Chemistry Chapter-2 Structure of Atom
August	Chapter-2 Structure of Atom Chapter-3 Classification of Elements and Periodicity In properties.
September	Chapter-4 Chemical Bonding and Molecular Structure. Chapter-5 State of Matter
October	Revision + Half yearly examination
November	Chapter-6 Thermodynamics Chapter-7 Equilibrium
December	Chapter-8 Redox reaction Chapter-9 Hydrogen
January	Chapter- 10 The S- Block elements Chapter- 11 Some P- Block elements
February	Chapter-12 Organic Chemistry Some basic principles Chapter-13 Hydrocarbons

Chapter-14 Environmental Chemistry is only left.

NOTE:- Month and Chapter covered is only for the Planner, Shuffling of the chapter can take place accordingly to the situation.

SHRI MAHAPRABHU PUBLIC SCHOOL

SESSION 2020-21

SYLLABUS PLANNER

CLASS: - XI

SUBJECT: - Computer Science

Teacher Name:- Ankit Prabhakar

Months	Chapter name	Assessment
JULY	<p>Unit I: Computer Systems and Organization:</p> <ul style="list-style-type: none"> Basic computer organization: description of a computer system and mobile system, CPU, memory, hard disk, I/O, battery. Types of software: Application software, System software and Utility software. Memory Units: bit, byte, MB, GB, TB, and PB. Boolean logic: NOT, AND, OR, NAND, NOR, XOR, NOT, truth tables and De Morgan's laws, Logic circuits Number System: numbers in base 2, 8, 16 and binary addition. Encoding Schemes : ASCII, ISCII and Unicode 	05 Test of 20 marks
AUGUST	<p>Unit I: Computer Systems and Organization:</p> <ul style="list-style-type: none"> Concept of Compiler and Interpreter Operating System (OS) - need for an operating system, brief introduction to functions of OS, userinterface <p>Unit-2 Computational Thinking and Programming – 1</p> <ul style="list-style-type: none"> Features of Python, Python Character Set, Token & Identifiers, Keywords, Literals, Delimiters, Operators. Comments: (Single line & Multiline/ Continuation statements), Clarity & Simplification of expression Knowledge of data types and operators: accepting input from the console, assignment statement, expressions, operators and their precedence. Operators & types: Binary operators-Arithmetic, Relational Operators, Logical Operators, Augmented Assignment Operators. Execution of a program, errors- syntax error, run-time error and logical error. Conditional statements: if, if-else, if-elif-else; simple programs: e.g.: absolute value, sort 3 numbers and divisibility of a number. 	
SEPTEMBER	<p>Unit-2 Computational Thinking and Programming – 1</p> <ul style="list-style-type: none"> Notion of iterative computation and control flow: for(range(),len()), while, using flowcharts, suggested programs: calculation of simple and compound interests, finding the factorial of a positive number etc. Strings: Traversal, operations – concatenation, repetition, membership; functions/methods–len(), capitalize(), title(), upper(), lower(), count(), find(), index(), isalnum(), islower(), isupper(), isspace(), isalpha(), isdigit(), split(), partition(), strip(), lstrip(), rstrip(), replace(); String slicing. Lists: Definition, Creation of a list, Traversal of a list. Operations on a list - concatenation, repetition, membership; functions/methods–len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), min(), max(), sum(); Lists Slicing; Nested lists; finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list. 	
OCTOBER	REVISION	
NOVEMBER	<p>Unit II: Computational Thinking and Programming – 1</p> <ul style="list-style-type: none"> Tuples: Definition, Creation of a Tuple, Traversal of a tuple. Operations on a tuple - concatenation, repetition, membership; functions/methods – len(), tuple(), count(), index(), sorted(), min(), max(), sum(); Nested tuple; Tuple slicing; finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple. Dictionary: Definition, Creation, Accessing elements of a dictionary, add an item, modify an item in a dictionary; Traversal, functions/methods – len(), dict(), keys(), values(), items(), get(), update(), del(), del, clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), count(), sorted() copy(); Suggested programs : count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access 	02 Test of 20 marks

	<p>them.</p> <ul style="list-style-type: none"> • Introduction to Python modules: Importing math module (pi, e, sqrt, ceil, floor, pow, fabs, sin, cos, tan); random module (random, randint, randrange), statistics module (mean, median, mode). 	
DECEMBER	<p>Unit III: Society, Law and Ethics</p> <ul style="list-style-type: none"> • Cyber safety: safely browsing the web, identity protection, confidentiality, social networks, cyber trolls and bullying. • Appropriate usage of social networks: spread of rumours, and common social networking sites (Twitter, LinkedIn, and Facebook) and specific usage rules. • Safely accessing web sites: adware, malware, viruses, Trojans Safely communicating data: secure connections, eavesdropping, phishing and identity verification. 	01 Test of 20 marks
JANUARY	<p>Unit III: Society, Law and Ethics</p> <ul style="list-style-type: none"> • Intellectual property rights, plagiarism, digital rights management, and licensing (Creative Commons, GPL and Apache), open source, open data, privacy. • Privacy laws, fraud; cyber-crime- phishing, illegal downloads, child pornography, scams; cyber forensics, IT Act, 2000. • Technology and society: <ul style="list-style-type: none"> I. understanding of societal issues and cultural changes induced by technology. II. E-waste management: proper disposal of used electronic gadgets. III. Identity theft, unique ids and biometrics. IV. Gender and disability issues while teaching and using computers. 	01 Test of 20 marks
FEBRUARY	Revision of Whole Syllabus.	

Note: 1. Class X and Class XII Syllabus is to be completed by November.

2. Class Nur to IX and XI Syllabus is to be completed by February First week.

SHRI MAHAPRABHU PUBLIC SCHOOL

SESSION 2020-21

SYLLABUS PLANNER

CLASS: - 11th commerce

SUBJECT: - Economics

Teacher Name:- Gyan Prakash dubey

Months	Chapter name
JULY	Part-A(Statistics for Economics) 1- Concept of Economics and Significance of statistics: Features , stages and tools of statistics Nature , subject matter , limitations of statistics Function and importance of statistics 2- Collection of Data 3- Census and Sample method of collection of data
AUGUST	4- Organisation of data 5- presentation of data-textual and tabular presentation 6- Diagrammatic presentation of data(bar and pie) 7- Frequency diagram (histogra, polygon and ogive) 8- Arithmetic time graph or time series graph
SEPTEMBER	Part-B(Introductory Microeconomics) 1-Economics and Economy 2- Central problem of an economy 3- Consumer's equilibrium (Utility analysis) 4- Indifference Curve Analysis 5- Theory of Demand 6- Price elasticity of Demand
OCTOBER	Part-A(SfE) 9- Measure of Central tendency- Arithmetic mean Note: Revision and Practice for half yearly examination, Doubt clearing session and queries Haly yearly examination (12 - 22 October)
NOVEMBER	10- Measure of central tendency- Median and mode 11- Measures of Dispersion Note : Practice and Project Work

DECEMBER	Part-B(Introductory Microeconomics) 7- Production function and Returns to factor 8- Concept of cost 9- Concept of Revenue 10- Producer's equilibrium 11- Theory of Supply
JANUARY	12- Forms of Market 13- Market equilibrium under perfect competition and effects of shifts in demand and supply Note: Project work and practice , queries session
FEBRUARY	Part-A(SfE) 12- Correlation 13- Index numbers

Reduced Chapter List:-

- 1-Sampling and Non sampling errors
- 2- Range, quartile deviation, mean deviation and it's coefficient
- 3- Spearman's rank correlation
- 4- Others forms of market- monopoly, monopolistic competition, oligopoly- their meaning and features.

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SHRI MAHAPRABHU PUBLIC SCHOOL

SESSION 2020-21

SYLLABUS PLANNER

CLASS: - XI

SUBJECT: -English Core (301)

Teacher Name:-Babita chaturvedi,Shweta Singh

Months	Chapter name
JULY	Reader- chap3- Discovering Tut: The saga Continues Supp- chap 3- Ranga's Marriage Writing- Note Making and summarization
AUGUST	Reader- chap 4-Landscape of the soul Poem 2-Laburnum Top Writing - Notice & Poster making Grammar- Determiners (gap fillings)
SEPTEMBER	Reader - Poem-3- The Voice of the Rain Writing- Business / official letter Speech writing Supp - Chap 4-Albert Einstein at School Grammar - Sentence Reordering Transformation
OCTOBER	Revision +Half yearly Exam
NOVEMBER	Reader - Chap 5- Ailing planet:The Green Movement's Role Supp - Chap 5- Mother's Day Grammar - Tenses
DECEMBER	Reader - poem- 4- Childhood Supp - chap -7- Birth Writing - Letter to the school or college Authorities

JANUARY	Reader -chap - 6-The Browning Version Chap-8 - Silk Road Writing - Debate
FEBRUARY	Revision & Final Exam

श्री महाप्रभु पब्लिक स्कूल

पाठ्यक्रम 2020- 21

विषय- हिंदी

कक्षा -11

विषय अध्यापिका -निशा सक्सेना

महीना	पाठ्यक्रम
जुलाई	पाठ -1 नमक का दारोगा(गद्य) दृश्य लेखन
अगस्त	पाठ-2 मियाँ नसीरुद्दीन (गद्य) पाठ - 1 हम तो एक एक करि जाना व संतो देखत जग बौराना (पद्य) औपचारिक अनौपचारिक पत्र प्रतिवेदन परिपत्र कार्य सूची एवं कार्यवृत्त
सितंबर	पाठ - 1 भारतीय गायिकाओं में बेजोड़ लता मंगेशकर (पूरक पुस्तक) जनसंचार माध्यम और पत्रकारिता के विविध आयाम शब्दकोश
अक्टूबर	पुनरावृत्ति कार्य
नवंबर	पाठ-5 गलता लोहा (गद्य)

	<p>पाठ - 2 मेरे तो गिरधर गोपाल दूसरों ना कोई व पग घुंघरू बांध मीरा नाची (पद्य)</p> <p>पाठ- 4 वे आँखें</p> <p>पाठ- 2 राजस्थान की रजत बूँदे (पूरक पुस्तक)</p>
दिसंबर	<p>पाठ - 6 स्पीति में बारिश (गद्य)</p> <p>पाठ- 8 जामुन का पेड़ (गद्य)</p> <p>पाठ - 5 घर की याद (पद्य)</p>
जनवरी	<p>पाठ - 9 भारत माता (गद्य)</p> <p>पाठ- 7 गजल</p> <p>पाठ- 10 आओ मिलकर बचाएँ</p>
फरवरी	<p>पाठ- 3 आलो आँधारि (पूरक पुस्तक)</p> <p>पुनरावृत्ति कार्य</p>

पाठ्यक्रम से हटाए गए पाठों का विवरण

कक्षा	पाठ्यक्रम से हटाए गए पाठ	विषयाध्यापिका का नाम
11	<p>(1) अपू के साथ ढाई साल</p> <p>(2) विदाई संभाषण</p> <p>(3) रजनी</p> <p>(4) आत्मा का ताप</p> <p>(5) पथिक</p> <p>(6) चंपा काले अक्षर नहीं चीन्हती</p> <p>(7) हे भूख !मत मचल,हे मेरे जूही के फूल</p>	निशा सक्सेना

	जैसे ईश्वर (8) सबसे खतरनाक	
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SHRI MAHAPRABHU PUBLIC SCHOOL

SESSION 2020-21

SYLLABUS PLANNER

CLASS: - XI

SUBJECT: - Informatics Practices (065)

Teacher Name:- Devesh Tiwari

Months	Chapter name	Assessment
JULY	Unit 1: Introduction to Computer System Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software.	05 Test of 20 marks
AUGUST	Unit 2: Introduction to Python Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation and comments, input and output statements, data type conversion, debugging.	
SEPTEMBER	Control Statements: if-else, for loop	
OCTOBER	REVISION+ Half Early Exam	
NOVEMBER	Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions. Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions.	02 Test of 20 marks
DECEMBER	Unit 3: Database concepts and the Structured Query Language Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE TABLE Data Query: SELECT, FROM, WHERE. Data Manipulation: INSERT	02 Test of 20 marks
JANUARY	Unit 4: Introduction to the Emerging Trends Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.	01 Test of 20 marks
FEBRUARY	Revision of Whole Syllabus.	

Note: 1. Class X and Class XII Syllabus is to be completed by November.

2. Class Nur to IX and XI Syllabus is to be completed by February First week.

CLASS XI
LEGAL STUDIES
NAGESHWAR SHARMA
SESSION 2020-21

Month	Topic
JUL	Unit 1: Theory and Nature of Political Institutions i. Organs of Government
AUG	Unit 1: Theory and Nature of Political Institutions ii. Separation of Powers iii. Basic features of the Constitution of India
SEPT	Unit 2: Nature and Sources of Law i. Classification of Law ii. Sources of Law iii. Law Reform
OCT	Revision + Half Yearly
NOV	Unit 3: Historical Evolution of the Indian Legal System i. Ancient Indian Law ii. Making of the Indian Constitution Unit 4 :Judiciary: Constitutional, Civil and Criminal Courts and Processes i. Constitution: Roles and Impartiality ii. . Hierarchy of Courts iii. The Civil Court
DEC	Revision + Pre Board
JAN	Unit 4 :Judiciary: Constitutional, Civil and Criminal Courts and Processes iv. Structure and functioning of Criminal Courts in India v. Other Courts in India
FEB	Unit 5:Family Justice System i. Introduction ii. Institutional Framework iii. Marriage and Divorce iv. Domestic Violence

SHRI MAHAPRABHU PUBLIC SCHOOL

SESSION 2020-21

SYLLABUS PLANNER

CLASS: - __11__

SUBJECT: - __Mathematics__

Teacher Name:- Shatrughan Sir and Anil Sir

Months	Chapter name
JULY	Chapter 3 Trigonometric functions Continue...
AUGUST	trigonometric Functions Chapter 4 Complex Number and Quadratic equations
SEPTEMBER	Chapter 5 Linear inequality Chapter 6 Permutation and combination
OCTOBER	 Unit 2 exam
NOVEMBER	Chapter 7 SEQUENCE AND SERIES Chapter 8 Straight lines
DECEMBER	Unit 3 pre board Chapter 9 Conic sections
JANUARY	Continue... Chapter 10 Introduction to 3D Chapter 11

	Limit and Derivatives
FEBRUARY	Chapter 12 Statistics Chapter 13 Probability

SHRI MAHAPRABHU PUBLIC SCHOOL

SESSION 2020-21

SYLLABUS PLANNER

CLASS: -11

SUBJECT: -NCC

Teacher Name:- Neha Srivastava

Months	Chapter name
JULY	Common subject : Chapter 1 The NCC Chapter 2 National integration and awareness
AUGUST	Chapter 2 National integration and awareness Chapter 6 Disaster Management
SEPTEMBER	SPECIAL SUBJECT: Chapter 1 Armed Force Chapter 3 Field Craft and BattleCraft
OCTOBER	Common Subject Chapter 4 weapons Training Revisions
NOVEMBER	Chapter 8 Health & Hygiene Special subject : Chapter 5 Military History
DECEMBER	Common Subject: Chapter 3: Drill
JANUARY	Chapter 3: Drill
FEBRUARY	Revision

Reduced Chapter List:-

- Note:**
- 1. Class X and Class XII Syllabus is to be completed by November.**
 - 2. Class Nur to IX and XI Syllabus is to be completed by February First week.**

SHRI MAHAPRABHU PUBLIC SCHOOL

SESSION 2020-21

SYLLABUS PLANNER

CLASS: - _11TH

SUBJECT: - _PHYSICAL EDUCATION

Teacher Name:- SHASHI PRAKASH SHUKLA

Months	Chapter name
JULY	<p>Unit I Changing Trends & Career in Physical Education</p> <ul style="list-style-type: none">• Meaning & definition of Physical Education• Aims & Objectives of Physical Education• Career Options in Physical Education• Competitions in various sports at national and international level• Khelo-India Program
AUGUST	<p>Unit II Olympic Value Education</p> <ul style="list-style-type: none">• Olympics, Paralympics and Special Olympics• Olympic Symbols, Ideals, Objectives & Values of Olympism• International Olympic Committee• Indian Olympic Association <p>Unit III Physical Fitness, Wellness & Lifestyle</p> <ul style="list-style-type: none">• Meaning & Importance of Physical Fitness, Wellness & Lifestyle• Components of physical fitness and Wellness• Components of Health related fitness

<p>SEPTEMBER</p>	<p>Unit IV Physical Education & Sports for CWSN (Children With Special Needs- Divyang)</p> <ul style="list-style-type: none"> • Aims & objectives of Adaptive Physical Education • Organization promoting Adaptive Sports (Special Olympics Bharat; Paralympics; Deaflympics) • Concept of Inclusion, its need and Implementation • Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & special Educator) <p>Unit V Yoga</p> <ul style="list-style-type: none"> • Meaning & Importance of Yoga • Elements of Yoga • Introduction - Asanas, Pranayam, Meditation & Yogic Kriyas • Yoga for concentration & related Asanas (Sukhasana; Tadasana; Padmasana & Shashankasana,
<p>OCTOBER</p>	<p>Naukasana, Vrikshasana (Tree pose), Garudasana (Eagle pose)</p> <ul style="list-style-type: none"> • Relaxation Techniques for improving concentration – Yog-nidra
<p>NOVEMBER</p>	<p>Unit VI Physical Activity & Leadership Training</p> <ul style="list-style-type: none"> • Leadership Qualities & Role of a Leader • Creating leaders through Physical Education • Meaning, objectives & types of Adventure Sports

	<p>(Rock Climbing, Tracking, River Rafting, Mountaineering, Surfing and Para Gliding) • Safety measures to prevent sports injuries</p> <p>Unit VII Test, Measurement & Evaluation</p> <ul style="list-style-type: none"> • Define Test, Measurement & Evaluation • Importance of Test, Measurement & Evaluation In Sports • Calculation of BMI & Waist - Hip Ratio •
<p>DECEMBER</p>	<p>Somato Types (Endomorphy, Mesomorphy & Ectomorphy) • Measurement of health related fitness</p> <p>Unit VIII Fundamentals of Anatomy, Physiology & Kinesiology in Sports</p> <ul style="list-style-type: none"> • Definition and Importance of Anatomy, Physiology & Kinesiology • Function of Skeleton System, Classification of Bones & Types of Joints • Properties and Functions of Muscles • Function & Structure of Respiratory System and Circulatory System • Equilibrium – Dynamic & Static And Centre of Gravity and its application in sports
<p>JANUARY</p>	<p>Unit IX Psychology & Sports • Definition & Importance of Psychology in Phy. Edu. & Sports</p> <ul style="list-style-type: none"> • Define & Differentiate Between Growth & Development • Developmental Characteristics At Different Stages of Development • Adolescent Problems & Their Management <p>Unit X Training and Doping in Sports • Meaning & Concept of Sports Training • Principles of Sports Training • Warming up & limbering down • Skill,</p>

	<p>Technique & Style • Concept & classification of doping • Prohibited Substances & their side effects • Dealing with alcohol and substance abuse</p> <p>Unit X Training and Doping in Sports • Meaning & Concept of Sports Training</p> <p>• Principles of Sports Training • Warming up & limbering down • Skill, Technique & Style •</p>
<p>FEBRUARY(IN FIRST WEEK OF FEBRUARY)</p>	<p>Concept & classification of doping • Prohibited Substances & their side effects • Dealing with alcohol and substance abuse</p>

Reduced Chapter List:- **NO CHANGES**

SHRI MAHAPRABHU PUBLIC SCHOOL

SESSION 2020-21

SYLLABUS PLANNER

CLASS: - __11__

SUBJECT: - __physics__

Teacher Name:- __Naveen mishra, Sanjay singh__

Months	Chapter name
JULY	Chapter-1: Physical World Chapter-2: Units and Measurements
AUGUST	Chapter-3: Motion in a Straight Line 16 Chapter-4: Motion in a Plane
SEPTEMBER	Chapter-5: Laws of Motion Chapter-6: Work, Energy and Power
OCTOBER	Chapter-7: System of Particles and Rotational Motion + half yearly
NOVEMBER	Chapter-8: Gravitation Chapter-9: Mechanical Properties of Solids Chapter-10: Mechanical Properties of Fluids
DECEMBER	Chapter-11: Thermal Properties of Matter Chapter-12: Thermodynamics Chapter-13: Kinetic Theory
JANUARY	Chapter-14: Oscillations Chapter-15: Waves
FEBRUARY	

Reduced Chapter List:-

Topics
Chapter-1: Physical World Physics-scope and excitement; nature of physical laws; Physics, technology and society (To be discussed as a part of Introduction and integrated with other topics)
Chapter-3 : Motion in a straight line Frame of reference, Motion in a straight line: Position-time graph, speed and velocity
Chapter-5 Laws of Motion Intuitive concept of force, Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion
Chapter-7 System of Particles and Rotational Motion Statement of parallel and perpendicular axes theorems and their applications.
Chapter-8 Gravitation Kepler's laws of planetary motion, Acceleration due to gravity
Chapter-9 Mechanical Properties of Solids Elastic behaviour, shear modulus of rigidity, Poisson's ratio; elastic energy.
Chapter-11 Thermal properties matter Heat, temperature, Heat transfer-conduction, convection and radiation
Chapter-12 Thermodynamics Heat engine and refrigerator.
Chapter-15 Waves fundamental mode and harmonics, Doppler effect.
Practicals: No investigatory project and Activity to be demonstrated 8 experiments (clubbed based on skills) in place of 12