



DELHI PUBLIC SCHOOL
SECUNDERABAD, NACHARAM
MERIT SCHOLARSHIP TEST SYLLABUS -2020

CLASS -3

ENGLISH	MATHEMATICS-	SCIENCE
1. Reading Comprehension 2. Writing Skills- picture composition 3. Grammar : Nouns, Verbs, Articles, Adverbs, Pronouns, Subject-Verb agreement	1.Numbers 4-Binary operations (+ , - , x , ÷) Measurement Fractions	1. Parts of the Plant 2. Eating habits of Animals 3. Birds 4. Our Body 5. Safety & First Aid 6.Housing & Clothing 7. Land & Soil 8. Measurement

CLASS -4

ENGLISH –	MATHEMATICS-	SCIENCE
1. Reading Comprehension 2. Writing Skills- passage writing 3. Grammar: Nouns, Adjectives, Articles, Prepositions, Conjunction, Verbs, Subject-predicate, Tenses.	1. Numbers 2. Factors and Multiples 3.Fractions 4. Geometry	1. Plants (Structure, Functions & Types of Plants) 2. Adaptations in Plants 3. Animals (Reproduction) 4. Adaptations in Animals 5. Human Body – Food & Digestion 6. Teeth 7. Microbes 8. Mater & Materials 9. Force, Work & Energy

CLASS -5

ENGLISH –	MATHEMATICS-	SCIENCE –
1. Reading Comprehension 2. Writing Skills- Letter writing 3. Grammar: Adjectives, Tenses, Prepositions, Conjunctions, Subject-predicate, Tenses	1. Fractions and Decimals 2. Geometry 3. Measurement 4. Area and Perimeter 5. Factors and Multiples	1. Reproduction in plants 2. Matter and Materials 3. Rocks and Minerals 4. Human body Systems 5. Force, Work and Energy 6. Simple Machines 7. Natural disasters

CLASS -6

ENGLISH –	MATHEMATICS-	SCIENCE –
Reading Comprehension – passage/ poem Writing a)Short writing skills – Notice, message b)Long Writing skills - Informal letters, Article writing, Composition, Report , Diary Grammar : Punctuation, Nouns, Adjectives, Verbs, Adverbs, Prepositions, Articles, Tenses. Reported speech, passive	1. Fractions and Decimals 2. Integers 3. HCF and LCM 4. Ratio and Proportions 5. Linear Equations(Solving equations) 6.Algebra 7. Unitary Method 8. Geometry	a) Body movements b) Plant forms and functions c) Electricity and circuits d) Separation of substances e) Living organisms and their habitats f) Fun with magnets

CLASS -7

ENGLISH –	MATHEMATICS-	SCIENCE –
<p>Reading Skills Comprehension – passage/ poem</p> <p>Writing Skills a) Short writing skills – Notice, Message b) Long Writing skills - Formal , Informal letters, Article writing, Report Writing , Diary Entry</p> <p>Grammar : Punctuation, Nouns, Adjectives, Verbs, Adverbs, Prepositions, Articles, Tenses. Reported Speech, Active and passive voices</p>	<p>Factions Exponents Linear Equations Mensuration Triangles and its properties Percentages Profit and Loss</p>	<p>a) Light. b) Electric current . c) Physical and chemical changes. d) Acids, bases and Salts e) Transportation and Excretion. f) Reproduction in Plants.</p>

CLASS -8

ENGLISH –	MATHEMATICS-	SCIENCE –
<p>Reading Comprehension words - 200 – 250 Type of passage - Factual, Literary, Discursive etc. Questioning Pattern .</p> <ul style="list-style-type: none"> • Question and answer. • MCQS. • Sentence completion. • Inferring meaning. <p style="text-align: center;"><u>Writing</u></p> <p>Short writing skills word limit –50- 80 words. Notice, Message ,Paragraph ,Bio sketch., Diary entry. Long writing skills – word limit – 150 – 200 words. Letter – Formal and informal. Report, Article, Speech, Visual stimulus, Essay, Story writing.</p> <p style="text-align: center;"><u>Grammar</u></p> <ul style="list-style-type: none"> • Clauses / Phrases,,Comparison, Conditionals ,Finite and non finite verbs. • Reported speech, Passive voice, Jumble sentences. <p>Questioning patterns.</p> <ul style="list-style-type: none"> • MCQ • Gap filling • Student’s response. • Editing errors. • Process writing. 	<p>1. Squares and Square Roots 2.Exponents 3.Percentage and its applications 4.Quadrilaterals 6. Linear Equations 7.Mensurations 8.Direct and Inverse Variations 9.Algebraic Expressions</p>	<p>a) Reproduction in Animals. b) Micro organisms. c) Sound d) Metals and Non-metals. e)Light f) Force and Pressure. g) Chemical effects of current</p>

CLASS -9

ENGLISH –	MATHEMATICS-	SCIENCE
<p>Reading Comprehension words - 200 – 250</p> <p>Type of passage - Factual, Literary, Discursive etc.</p> <p>Questioning Pattern .</p> <ul style="list-style-type: none"> • Question and answer. • MCQS. • Sentence completion. • Inferring meaning. <p>Writing</p> <p>Short writing skills word limit –50- 80 words.</p> <p>Notice, Message ,Paragraph , Diary entry.</p> <p>Long writing skills – word limit – 150 – 200 words.</p> <p>Letter – Formal and informal.</p> <p>Report, Article, Speech, Visual stimulus, Essay, Story writing.</p> <p>Grammar : Clauses / Phrases, Comparison, Conditionals ,Finite and non finite verbs. Reported speech, Passive voice, Jumble sentences.</p> <p>Questioning patterns. Parts of speech</p> <ul style="list-style-type: none"> • MCQ, Gap filling, Student’s response. • Editing errors. <p>Transformation of sentences</p>	<ol style="list-style-type: none"> 1.Polynomials 2.Number System 3.Quadrilaterals 4.Linear Equations in two variables 5.Mensuration (Surface Areas and Volumes) 6. Circles 	<ol style="list-style-type: none"> a) Atoms and Molecules b) Structure of Atom. c) Diversity in living organisms. d) Why do we fall ill? e) Tissues f) Motion g) Sound

CLASS -10

ENGLISH –	MATHEMATICS-	SCIENCE –
<p>Type of passage - Factual, Literary, Discursive etc.</p> <p>Questioning Pattern .</p> <ul style="list-style-type: none"> • Question and answer. • MCQS. • Sentence completion. • Inferring meaning. <p>Writing :</p> <p>Short writing skills – word limit – 50 – 80 words.</p> <ul style="list-style-type: none"> • Notice, Message, Paragraph, Diary entry. <p>Long writing skills – word limit – 150 – 200 words.</p> <ul style="list-style-type: none"> • Letter – Formal and informal ,Report, Article, Speech, Visual stimulus, Essay , Story writing. <p>Grammar</p> <p>Topics : Nouns ,Verbs, Adjectives, Adverbs, Prepositions. Conjugations, Subject verb agreement. Transformation of sentences, Tenses, Clauses / Phrases, Comparison, Conditionals, Finite and non finite verbs , Reported speech, Passive voice. Reordering of sentences .</p> <p>Questioning patterns.</p> <ul style="list-style-type: none"> • MCQ • Gap filling • Student’s response. • Editing errors. • Transformation of sentences . 	<ol style="list-style-type: none"> 1.Polynomials 2.Linear Equations in 2 variables 3.Probability 4.Arithmetic progressions 5.Surface areas and Volumes 6.Quadratic Equations 7.Coordinate Geometry 8.Triangles 9.Trigonometry 	<ol style="list-style-type: none"> a) Electricity b) Light c) Acids, bases and salts d) Periodic classification of elements e) carbon compounds f) life process g) reproduction
	<p>SOCIAL STUDIES</p> <ol style="list-style-type: none"> 1. Nationalism in India 2. Political parties – India 3. Sectors of Indian Economy 4. Globalization In India 5. Agriculture – India 6. Manufacturing Industries – India 7. Life Lines of National Economy 8. Federalism 	

CLASS : XI

MPC/BPC: English, Math, Biology ,Physics, Chemistry

MEC/CEC: English ,Accountancy , Business Studies, Economics

Humanities : English ,Geography/ Economics, History, Psychology

S. No	Subject	Syllabus
1	English	Reading Comprehension Writing skills - (Notice writing , Article writing or Report writing , Integrated Grammar
2.	Mathematics	Trigonometry, Straight Lines, Limits and Derivatives, Binomial Theorem Permutations and Combinations, Relations and Functions
3.	Physics	Kinematics, Newton's Laws of Motion, System of particles and rigid bodies, Heat and properties of bulk matter
4.	Chemistry	Basic concepts of Chemistry, atomic structure, classification of elements and periodicity of properties, bonding and molecular structure, states of matter, Thermodynamics, Equilibrium, Redox reactions, S-block and P-block elements, basic principles and techniques of organic chemistry, hydrocarbons
5.	Biology	Human Physiology Plant Physiology Cell Biology
6.	Accountancy	Journal, Ledger, Bank Reconciliation Statement, Bills of Exchange, Depreciation, Rectification of Errors, Final Accounts
7.	Business Studies	International Trade (I&II), Internal Trade, Business Finance, Formation of a Company, Public, Private and Global enterprises
8.	Economics	Difference between micro and macro economics , Demand and Supply, Production possibility Curve , Mean , Median , Mode , correlation, dispersion.
9	History	Harappan civilization , Mesopotamian civilization, Romans, Renaissance, Nomadic Empires Industrialization
10	Geography	The Origin & Evolution of Earth, Earth's Intension , Distribution of Oceans and Continents , India – Locations, Structure and Physiography, Drainage system, Natural Vegetation's and Soils
11	Psychology	What is psychology, Attentional and Perceptual processes, human memory, thinking, motivation, Learning, Methods of Psychology, Motivation, Emotions