



INTSO LEVEL - 1 2020 - 21 SYLLABUS

Class - III

S. No	Maths (MTSO)	Science (STSO)	GTSO		ETSO	ATSO	
			Social science	GK & Current Affairs	English	Arithmetic	Reasoning
1	1. Fundamentals on numbers 2. Fundamentals on symmetry 3. Roman numbers 4. Figures and Shapes	1. Air and water 2. Work 3. The plant fairy 4. Food we eat 5. Making pots	1. Basic concepts of our Universe 2. Basic Concepts of Indian Geography 3. India's Neighbouring Countries	1. Indian States - Capitals 2. World - Countries - Capitals 3. Superlatives of the World and India 4. Picture Identification of Important Historical Structures of India and World	1. Kinds of sentences 2. Nouns 3. Pronouns 4. Adjectives 5. Verbs 6. Prepositions 7. Conjunctions 8. Articles 9. Spellings 10. Singular – plural		

Class IV

S. No	Maths (MTSO)	Science (STSO)	GTSO		ETSO	ATSO	
			Social science	GK & Current Affairs	English	Arithmetic	Reasoning
2	1. Fundamentals on numbers 2. Multiples and factors 3. Fundamentals on symmetry 4. Divisibility rules 5. Fundamentals on fractions	1. Air and water 2. Changes around us 3. Machines 4. How do plants prepare their food 5. Various types of animals 6. Human body - digestive and Excretory system	1. Basic concepts of the Earth and the Solar System. 2. Indian Geography - Forests, wild life, National parks, Agriculture and Transportation 3. Our Freedom Fighters	1. Picture identification of temples. Seven Wonders of the world. 2. List of Indian Presidents and Prime Ministers. 3. Different Music, Folk and Classical Dance forms of India. 4. World - Countries - Capitals, Currencies	1. Kinds of sentences 2. Adjectives 3. Verbs 4. Prepositions 5. Conjunctions 6. Articles 7. Spellings 8. Singular – plural 9. Articles 10. Opposites		

Class V

S. No	Maths (M.TSO)	Science (S.TSO)	G.TSO		ETSO	A.TSO	
			Social science	GK & Current Affairs	English	Arithmetic	Reasoning
3	1. Fundamentals on numbers 2. Fundamentals on symmetry 3. Fractions 4. Decimals 5. Measurements	1. Atmosphere , wind 2. Experiments with water 3. Sun and plants 4. Measurement 5. Work and Energy 6. Animals base of life 7. Cultivation crops 8. Nutritious food 9. Our body parts - sense organs	1. Basic Concepts of World Geography. 2. Major natural regions of the World. 3. India Freedom struggle - Phases. 4. United Nations Organisation.	1. World - Countries - Parliaments 2. Important days in India and the World. 3. Major Indian Festivals 4. Inventions and Discoveries	1. Tenses 2. parts of speech 3. Articles 4. Verb forms 5. Spellings 6. Singular – plural 7. Articles 8. Synonyms & Antonyms 9. Degrees of comparison 10. Comprehension passages		

Class VI

S. No	Maths (M.TSO)	Science (S.TSO)			G.TSO		ETSO	A.TSO	
		Physics	Chemistry	Biology	Social science	GK & Current Affairs	English	Arithmetic	Reasoning
4	1. Primary number system 2. Fundamentals on plane Geometry 3. Fundamentals on algebra 4. Divisibility criteria 5. Decimals and fractions	1. Motion and measurement of distances 2. Units	1. Materials and things 2. Separation of substances 3. Fibre to fabric 4. Sorting of materials into groups	1. What do animals eat 2. Habitat 3. Getting to know plants	1. Basic Concepts of different Land forms. 2. Globe - A Model of the Earth 3. Emergence of Kingdoms and Republics. 4. Basic Concepts on Democracy and Local Self - Governments	1. National Parks and Biosphere reserves of India. 2. Inventions and Discoveries 3. Quotations of Popular Personalities	1. Tenses 2. parts of speech 3. Verb forms 4. Spellings 5. Articles 6. Synonyms & Antonyms 7. Degrees of comparison 8. Active and passive voice 9. Direct and indirect speech 10. Comprehension passages	1) Equations 2) Number system 3) Ratio & Proportion	1) Number series 2) Letter series 3) Number Analogy 4) Letter Analogy 5) Non verbal series & Non verbal Analogies

Class VII

S. No	Maths (MTSO)	Science (STSO)			GTSO		ETSO	ATSO	
		Physics	Chemistry	Biology	Social science	GK & Current Affairs	English	Arithmetic	Reasoning
5	1. Fractions and Decimals 2. Lines and angles 3. Triangles and its properties 4. Simple equations 5. Understanding 2D & 3D shapes 6. LCM and HCF of numbers	1. Motion and time 2. Heat	Acids, bases and salts	1. Food components 2. Animal Fibre 3. Nutrition in plants	1. Rain and Rivers 2. New Kings and Kingdoms 3. Mughal Empire 4. Governments at the central and the state level in India.	1. Important cities on the banks of rivers. 2. Books and Authors 3. First in world 4. The Sobriquets	1. Tenses 2. Verb forms 3. Spellings 4. Synonyms & Antonyms 5. Degrees of comparison 6. Active and passive voice 7. Direct and indirect speech 8. Subject - verb agreement 9. Question tags 10. Comprehension passages	1) Equations 2) Ratio & Proportion 3) Percentages 4) Profit & loss	1) Number series 2) Letter series 3) Number Analogy 4) Letter Analogy 5) Coding & decoding 6) Non verbal series ,Non verbal Analogies & Non verbal classification

Class VIII

S. No	Maths (MTSO)	Science (STSO)			GTSO		ETSO	ATSO	
		Physics	Chemistry	Biology	Social science	GK & Current Affairs	English	Arithmetic	Reasoning
6	1. Rational numbers 2. Linear equations in one variable 3. Square roots and cube roots 4. Area of plane figures 5. Basics on geometry 6. LCM and HCF of numbers	1. Force and pressure 2. Friction	1.synthetic fibres and plastics 2. Metals and non metals 3. Matter around us (Fundamentals)	1. Cell - basic unit of life 2. Story of micro organisms 3. Reproduction in animals	1. Basic Concepts of Cartography 2. Indian National Movement. 3. The Indian Constitution	1. Abbreviations 2. Countries - Capitals - Currencies 3. First in India 4. Chronology of Historical events in India.	1. Tenses 2. Verb forms 3. Synonyms & Antonyms 4. Degrees of comparison 5. Active and passive voice 6. Direct and indirect speech 7. Subject - verb agreement 8. Question tags 9. Idioms and phrasal verbs 10. Comprehension passages	1) Equations 2) Ratio & Proportion 3) Percentages 4) Profit & loss 5) Mensuration [2 D & 3D]	1) Number series 2) Letter series 3) Number Analogy 4) Letter Analogy 5) Coding & decoding 6) Odd man out

Class IX

S.No	Maths (MTSO)	Science (STSO)			GTSO		ETSO	ATSO	
		Physics	Chemistry	Biology	Social science	GK & Current Affairs	English	Arithmetic	Reasoning
7	1. Basic concepts on geometry 2. Polynomials and factorization 3. Co-ordinate geometry 4. Linear equations in two variables	1. Motion, 2. Laws of motion	1. Matter around us 2. Is matter pure ?	1. Cell - its structure and functions 2. Plant tissues 3. Animal tissues	1. Natural Realms of the Earth (Lithosphere, hydrosphere, Atmosphere and Biosphere) 2. The Making of Indian Constitution 3. Introduction on Modern European History	1. Scientific terms 2. International Organisations 3. Awards and Honours 4. Computer Generations	1. Tenses 2. Synonyms & Antonyms 3. Degrees of comparison 4. Active and passive voice 5. Direct and indirect speech 6. Subject - verb agreement 7. Idioms and phrasal verbs 8. If - clause conditions 9. Cloze test 10. Comprehension passages	1) Equations 2) Ratio & Proportion 3) Percentages 4) Profit & loss 5) Mensuration [2D & 3D]	1) Number series 2) Letter series 3) Number Analogy 4) Letter Analogy 5) Coding & decoding 6) Odd man out 7) Venn diagrams 8) Seating Arrangements

Class X

So. No	Maths (MTSO)	Science (STSO)			GTSO		ETSO	ATSO	
		Physics	Chemistry	Biology	Social science	GK & Current Affairs	English	Arithmetic	Reasoning
8	1. Real numbers 2. Polynomials 3. Analytical geometry 4. Basics on geometry 5. Quadratic equations 6. Trigonometry	1. Light reflection and refraction 2. Current electricity	1. Chemical reactions and equations 2. Acids, bases and salts	1. Nutrition 2. Respiration 3. Transportation 4. Excretion	1. Indian Geography - relief features, rivers & climate. 2. Indian polity in post independent era. 3. The making of Indian Constitution 4. Important social movements	1. Census of India - 2001, 2011 2. Latest 'Who is Who' in India. 3. Chronology of events in Indian Freedom Movement.	1. Tenses 2. Synonyms & Antonyms 3. Degrees of comparison 4. Active and passive voice 5. Direct and indirect speech 6. Subject - verb agreement 7. Idioms and phrasal verbs 8. If - clause conditions 9. Cloze test 10. Comprehension passages	1) Equations 2) Ratio & Proportion 3) Percentages 4) Profit & loss 5) Mensuration [2 D & 3D] 6) Time & work 7) Time & Distance	1) Number series 2) Letter series 3) Number Analogy 4) Letter Analogy 5) Coding & decoding 6) Odd man out 7) Venn diagrams 8) Seating Arrangements 9) Blood Relations 10) Clocks 11) Calenders 12) Dice