



INTSO EDUCATION SYLLABUS

3rd CLASS

MTSO (MATHS)	STSO (SCIENCE)	GTSO		ETSO	ATSO	
		SOCIAL SCIENCE	GK & CURRENT AFFAIRS	English	Arithmetic	Reasoning
1. Fundamentals on numbers 2. Fundamentals on symmetry 3. Roman numbers 4. Fundamental operations on numbers 5. Figures and Shapes	1. Air and water 2. Work 3. The planet fairy 4. Food we eat 5. Making pots 6. Matter	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		

4th CLASS

MTSO (MATHS)	SCIENCE (STSO)	GTSO		ETSO	ATSO	
		SOCIAL SCIENCE	GK & CURRENT AFFAIRS	English	Arithmetic	Reasoning
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. Various types of animals 5. Discover the lifestyles of the wild biodiversity 6. Plants around us 7. Elements and compounds	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		

5th CLASS

MTSO (MATHS)	STSO (SCIENCE)	GTSO		ETSO	ATSO	
		SOCIAL SCIENCE	GK & CURRENT AFFAIRS	English	Arithmetic	Reasoning
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. Hydrogen and oxygen 5. Measurement 6. Work and Energy 7. Animals base of life 8. Cultivation crops 9. Nutritious food 10. Lets plant trees	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		

6th CLASS

MTSO (MATHS)	SCIENCE(STSO)			GTSO		ETSO	ATSO	
	Physics	Chemistry	Biology	SOCIAL SCIENCE	GK & CURRENT AFFAIRS	English	Arithmetic	Reasoning
1. Primary number system 2. Fundamentals on plane Geometry 3. Fundamentals on algebra 4. Divisibility criteria 5. Perimetre and area 6. Decimals and fractions	1. Playing with magnets 2. Motion of measurement of distances 3. Units and dimensions	1. Materials and things 2. Separation of substances 3. Fibre to fabric 4. Language of chemistry	1. Our food 2. What do animals eat 3. Habitat 4. 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 of India. 4. World - Countries - Capitals, Currencies	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

7th CLASS

MTSO (MATHS)	SCIENCE(STSO)			GTSO		ETSO	ATSO	
	Physics	Chemistry	Biology	SOCIAL SCIENCE	GK & CURRENT AFFAIRS	English	Arithmetic	Reasoning
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 3. Electricity 4. Newtons laws of motion	1. Acids, bases and salts 2. Weather and climate 3. Physical and Chemical changes 4. The periodic table - variation of properties	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

8th CLASS

MTSO (MATHS)	SCIENCE(STSO)			GTSO		ETSO	ATSO	
	Physics	Chemistry	Biology	SOCIAL SCIENCE	GK & CURRENT AFFAIRS	English	Arithmetic	Reasoning
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 and polynomials	1. Force and pressure 2. Friction 3. Light	1. synthetic fibres and plastics 2. Metals and non metals 3. Solutions - Types and concentration methods.	1. What is science 2. Cell - basic unit of life 3. Story of micro organisms	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

9th CLASS

MTSO (MATHS)	SCIENCE(STSO)			GTSO		ETSO	ATSO	
	Physics	Chemistry	Biology	SOCIAL SCIENCE	GK & CURRENT AFFAIRS	English	Arithmetic	Reasoning
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, 2. Laws of motion 3. Work and energy	1.synthetic fibres and plastics 2. Metals and non metals 3. Solutions - Types and concentration methods.	1. What is science 2. Cell - basic unit of life 3. Story of micro organisms	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

10th CLASS

MTSO (MATHS)	SCIENCE(STSO)			GTSO		ETSO	ATSO	
	Physics	Chemistry	Biology	SOCIAL SCIENCE	GK & CURRENT AFFAIRS	English	Arithmetic	Reasoning
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 3. Magnetic effects of electric current 4. Human eye and colourful world	1. Chemical reactions and equations 2. Acids, bases and salts 3. Structure of the atom 4. Metals and non metals	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