

MASTERJEE IIT ACADEMY				
MTSSE SYLLABUS				
CLASS 6	PHY	CHE	MAT	BIO
NCERT	Motion and Measurements of Distances	Fibre to Fabric	Knowing our Numbers	Food: where does it come from?
	Light, Shadows and Reflection	Sorting Materials into Groups	Whole Numbers	Components of food
	Electricity and circuits	Separation of Substances	Playing with Numbers	Getting to know plants
	Fun and magnets	Changes Around Us	Basic Geometrical Ideas	Body movements
		Water	Understanding Elementary Shapes	The Living organisms – Characteristics And Habitats
		Air Around Us	Integers	Garbage in, garbage out
			Fractions	
			Decimals	
			Data handling	
			Mensuration	
			Algebra	
			Ratio and Proportion	
			Symmetry	
			Practical Geometry	
CLASS 7	PHY	CHE	MAT	BIO
NCERT	Heat	fibre to fabric+	fractions and decimals	nutrition in plants
	wind, storms and cyclones	acids, bases and salts	data handling	nutrition in animals
	motion and time	physical and chemical changes	simple equations	weather, climate and adaptations of animals to climate
	electric current and its effects	soil	lines and angles	respiration in organisms
	light	water-a precious resource	the triangle and its properties	transportation in animals and plants
		forests, our lifeline	congruence of triangles	reproduction in plants
		wastewater story	comparing quantities	
			rational numbers	
			practical geometry	
			perimeter and area	
			algebraic expressions	
			exponents and powers	
			symmetry	
			visualising solid shape	
CLASS 8	PHY	CHE	MAT	BIO
NCERT	Force and Pressure	Synthetic Fibres and Plastics	Rational Numbers	Crop Production and Management
	Friction	Materials: Metals & Non-Metals	Linear Equation in One Variable	Microorganisms: Friend and Foe
	Sound	Coal and Petroleum	Understanding Quadrilaterals	Conservation of Plants and Animals
	Chemical Effects of Electric Current	Combustion and Flame	Practical Geometry	Cell – Structure and Function
	Some Natural Phenomena	Pollution of Air and Water	Data Handling	Reproduction in Animals
	Light		Square and Square Roots	Reaching the Age of Adolescence
	Stars and The Solar System		Cubes and Cube Roots	
			Comparing Quantities	
			Algebraic Expressions and Identities	
			Visualising Solid Shapes	
			Mensuration	
			Exponents and Powers	
			Direct and Inverse Proportions	
			Factorisation	
			Introduction to Graphs	
			Playing with Numbers	

CLASS 9	PHY	CHE	MAT	BIO
NCERT	MOTION	MATTER IN OUR SURROUNDINGS		THE FUNDAMENTAL UNIT OF LIFE
	FORCE AND LAWS OF MOTION	IS MATTER AROUND US PURE?	POLYNOMIALS	TISSUES
	GRAVITATION	ATOMS AND MOLECULES	COORDINATE GEOMETRY	DIVERSITY IN LIVING ORGANISMS
	WORK AND ENERGY	STRUCTURE OF THE ATOM	LINEAR EQUATIONS IN TWO VARIABLES	WHY DO WE FALL ILL?
	SOUND		INTRODUCTION TO EUCLID'S GEOMETRY	NATURAL RESOURCES
			INES AND ANGLES	IMPROVEMENT IN FOOD RESOURCES
			TRIANGLES	
			QUADRILATERALS	
			AREAS OF PARALLELOGRAMS AND TRIANGLES	
			CIRCLES	
			CONSTRUCTIONS	
			HERON'S FORMULA	
			SURFACE AREAS AND VOLUMES	
			STATISTICS	
			PROBABILITY	
CLASS 10	PHY	CHE	MAT	BIO
NCERT	Light-Reflection and Refraction	Chemical Reactions and Equations	Real Numbers	Life Processes
	The Human eye and the Colorful world	Acid, Bases and Salts	Polynomials	Control and Coordination
	Electricity	Metal and Non-metals	Pair of Linear Equation in Two Variables	How Do Organism Reproduce
	Magnetic effect of electric current	Carbon and Its Compounds	Quadratic Equations	Heredity and Evolution
	Sources of energy	Periodic Classification of Elements	Arithmetic Progressions	Our Environment
			Triangles	Sustainable Management of Natural Resources
			Coordinate Geometry	
			Introduction to Trigonometry	
			Some Applications of Trigonometry	
			Circles	
			Constructions	
			Area related to circles	
			Surface area and volumes	
			Statistics	
			Probability	