

SUBJECT	DETAILS OF CHAPTERS
MATHEMATICS	<p>Ch 1: Real Numbers Ch 2: Polynomials Ch-3: Linear equations in two variables Ch-4: Co-Ordinate Geometry Ch 5: Introduction to Euclid’s Geometry Ch-6: Lines & Angles Ch-9: Areas of Parallelograms and Triangles Ch-12: Heron’s Formula</p>
SCIENCE	<p>Physics: Unit III: Motion, Force and Work Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, elementary idea of uniform circular motion. Force and Newton’s laws : Force and Motion, Newton’s Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall. Chemistry: Unit-I: Matter-Nature and Behaviour (Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation. Nature of matter: Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids and suspensions. Physical and chemical changes (excluding separating the components of a mixture). Biology: Unit II: Organization in the Living World Cell - Basic Unit of life : Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number. Tissues, Organs, Organ System, Organism: Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants).</p>
SOCIAL SCIENCE	<p>History: Ch-1: The French Revolution Ch-2: Socialism in Europe and the Russian Revolution Civics: Ch-1: What is Democracy ?Why Democracy Ch-2: Constitutional Design Ch-3: Electoral Politics Geography: Ch-1: India-Size & Location Ch-2: Physical Features of India Ch-3: Drainage (Only Map Work) Ch-4: Climate Economics: Ch-1: The Story of Village Palampur Ch-2 People as a resource</p>
Computer Applications	<p>Ch-1 Computer Basics Ch-2 Computer System Organization Ch-3 Computer software Ch-4 Working with Operating System Ch-5 Networking Basics & Multimedia</p>