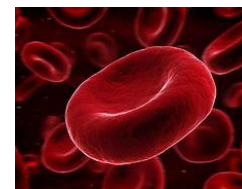


Holland Park School | *Year 7 Science: Building Blocks*



Overview	Students will learn the fundamental building blocks of Chemical, Life and Physical processes
Assessment	Topic tests on the three science topics: Particles, Cell, Tissues and Organs and Energy
Key words	See Knowledge Organiser and Glossary Sheets
Key dates	Every 5 weeks will be the Topic tests. Retrieval questions done each lesson. Bi- weekly in class small tests.

Topics	Key content	Glossary link	Knowledge Organiser link
Chemistry: Particles	Particle theory, Kinetic theory, Changes of state, Gas pressure, solutions, mixtures, Rock salt investigation, distillation, chromatography, solubility and saturated solutions.		BBC Bitesize
Biology: Cells, Tissue & Organs	Microscope, animal and plant cell, unicellular organisms, diffusion, specialised cells, digestive and respiratory system		BBC Bitesize
Physics: Energy	Energy stores, Energy transfers, efficiency, conduction, convection, insulation, Power, electrical circuits, electricity costs, Energy in food, Renewable and non-renewable energy resources.		BBC Bitesize