



Science – Year 7 (6 lessons over 2 weeks)

Topics												
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Term 1	Introduction to science	B1- Cells Microscopes, cell structure, cells, magnification, unicellular organisms and specialised cells						B2- Skeletal and muscular systems and organisation The skeleton, biomechanics, principles of organisation				
Term 2	C1 – The particle Model Simple particle model, properties of different states of matter, changes of state, gas pressure.				C2 – Atoms, elements and compounds The atomic model, symbols and formulae, elements and compounds				C3 – Pure and impure substances Diffusion, pure and impure, separation			
Term 3	P1 – Energy Fuels and energy stores, energy stores and transfers, power, energy resources.			P2 – Speed Speed, distance time graphs, relative motion			P3 – Forces Basic force diagrams, naming and categorising forces, stretching and squashing forces, Hooke’s law, moments, balanced forces, motion			Revision/ End of year exam		