Year 7 Science

Term One

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Safety in the Lab		**Movement and Cells**			
Safety rules, Hazard Symbols, Bunsen Burner use, Planning Investigations and Variables		Cell Organelles, Stem Cells, Specialised Cells, Microscopes, Organisation, Skeletal System, Muscles and Movement, Chicken Wing Dissection			

Term Two

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Voltage, Current and Resistance			**Particle Model**		**Metal and Non Metal Reactions**
Series and Parellel Cicruits, Conduction, Ammeters, Voltmeters, Resistance, Electric Fields			Solids, Liquids and Gases, Changing State, Expansion and Contraction, Gas Pressure, Diffusion		Metal and Non Metal Reactions

Term Three

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Acids and Alkalis		**Variation**	**Fuels and Energy**		
Indicators and pH, Neutralisation, Natural Indicators, Making and Naming Salts		Environmental Vs Genetic, Continuous vs Discrete	Fossil Fuels, Renewable Energy, Calculating Electrical Energy, Energy Stores, Energy Transfers, Efficiency, Energy Cost		

Term Four

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Human Reproduction			**Speed and Gravity**		**End of year exam revision**
Reproductive Organs, Role of Egg and Sperm Cells, Puberty, Menstrual Cycle, Fertilisation, Pregnancy and Gestation, Factors Affecting Pregnancy, Birth			Speed, Distance-Time graphs, Acceleration, Speed-Time graphs, Weight vs Mass, Gravity		Revision using data from previous assessments to prepare for end of year exam.

Term Five

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Speed and Gravity	**Sound**			**Interdependence and Plant Reproduction**	
See previous	The Ear, Waves, Exploring Sound Waves, Loudness and Pitch, Ultrasound, Light vs Sound			Kingdoms, Food Chains and Webs, Predator/Prey Relationships, Competition, Interdependence, Bioaccumulation, Plant Reproduction, Seed Dispersal, Pollination	

Term Six

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Interdependence and Plant Reproduction		**Earth Structure and Universe**		**Skills**	
Kingdoms, Food Chains and Webs, Predator/Prey Relationships, Competition, Interdependence, Bioaccumulation, Plant Reproduction, Seed Dispersal, Pollination		Earth Structure, Sedimentary, Igneous and Metamorphic rocks, Rock Cycle, Solar System, Seasons, Years and Days		Bespoke to class. Could include math skills (like graphing or calculating mean), could be practical skills, could be going over topics that were weak etc...	**Enrichment Week**