



Science Curriculum Plan Overview

Year 9-AQA Entry Level Certificate			
Term	Topic	Learning	How can parents' best support
Autumn 1	Physics	Energy Forces The structure of Matter	Discuss electrical devices in the home and how useful they are. Discuss use of Energy in our homes and how we pay for it. Physics Revision BBC bitesize
Assessment:		Externally set assessment and practical assignment	
Autumn 2	Chemistry	Atoms, Elements and Compounds Properties of compounds Separating mixtures Metals and Alloys	Discuss compounds that we use every day and how they react. Discuss why we use materials for specific jobs. Chemistry revision BBC bitesize
Assessment:		Externally set assessment and practical assignment	
Spring 1	Chemistry	Chemical Reactions Rates of reaction Our Atmosphere Fuels	Discuss the advantages and disadvantages of the fuels we use. Discuss how they may affect our atmosphere. Chemistry revision BBC bitesize
Assessment:		Externally set assessment and practical assignment	
Spring 2	Physics	Electricity Magnetism Waves Electromagnetic Spectrum	Discuss how we pay for and calculate our energy bills. identify the use of magnets in everyday life. Physics Revision BBC bitesize
Assessment:		Externally set assessment and practical assignment	
Summer 1	Biology	Cells, Tissue and Organs How our bodies defend themselves How our bodies are controlled	Watch "How the body Works" programme from the BBC which can be found on Youtube. Discuss pro's and con's of organ transplants. Biology Revision BBC bitesize
Assessment:		Externally set assessment and practical assignment	
Summer 2	Biology	Environment Evolution Inheritance	Watch "How the body Works" Monday 9pm BBC1. Discuss how they have grown and relate topics covered to your own experiences. Biology Revision BBC bitesize