

## SCIENCE( PATHWAYS) PLANNING 2018-Mrs.S.GANESAN

Pathway 1	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer1	Summer2
KS3 Class Base	Materials	Light and Sound	People	Forces /Electricity/magnetism	Plants	Animals
KS4 Class Base	CD- MATERIAL CHANGES  KP-LIGHT & SOUND  11PD-Solids, liquids, gases	CD- Show Difference between self and others. Care for a plant. SENSES 11PD-Our bodies	CD- Bodycare. KP- Materials 11PD – People and relationships	CD- Cause an effect. Identify source of sound /light. KP- Space 11PD - Forces	CD-. Identify source of sound, light. KP- Electricity-forces and magnets 11PD- plants and Envmt	CD-. Improve Environment. Protective Clothing. Work With Animals. KP- plants. 11PD –Animals-PETS
Pathway 2	A1 Biology	A2 Chemistry	S1 Physics	S2 Chemistry	Su1 Physics	Su2 Biology
KS3 8	Variation	Reactions	Electricity	Separating Mixtures	Heating & Cooling	Ecology
9	Plants and Photosynthesis	Elements and Compounds	Earth St and Universe	Sep tech & Solutions	Energy transfer & Climate	Evolution and Inheritance
KS4 10 11	AQA-UA- Biology <b>THE HUMAN BODY</b> Inheritance and Evolution		AQA-UA-Chemistry <b>Materials</b> Chemistry in our world		AQA – UA-Physics <b>ELECTRICITY &amp; MAGNETISM</b> Energy and Energy transfers	
Pathway 3	A1 Biology	A2 Chemistry	S1 Physics	S2 Chemistry	Su1 Physics	Su2 Biology
KS3 YR8	Cells & Human Reproduction	Acids & Alkalis	Electricity & Magnetism	Particle model & Sep techniques	Forces and Motion	Variation
KS4 YR 9	Photosynthesis & Respiration	Periodic table patterns of reactivity	Earth Atmosphere & Beyond	Metals and Reactions	Energy & Waves	Inheritance & Selection
KS4 YR 10	AQA-COMP1 <b>THE HUMAN BODY</b>		AQA-COMP3 <b>ELEMENTS, COMPOUNDS AND MIXTURES</b>		AQA-COMP5 <b>ENERGY, FORCES AND STRUCTURE OF MATTER</b>	
KS4 YR 11	AQA-- ELC –Comp 2 <b>ENVIRONMNET, EVOLUTION &amp; INHERITANCE</b>		AQA—ELC-Comp 4 <b>CHEMISTRY IN OUR WORLD</b>		AQA –Comp6 <b>ELECTRICITY &amp; MAGNETISM</b>	

YR-7	Autumn1 Animals	Autumn 2 Materials 1	Spring 1 Forces	Spring 2 Materials 2	Summer 1 Plants and Life Cycle	Summer 2 Light and sound
HR	Autumn1 PL	Autumn 2 PL	Spring 1 PL	Spring 2 P	Summer 1 PL	Summ