

## KS3 OVERVIEW OF ROLLING PROGRAMME FOR SCIENCE

### YEAR 1

	<b>HALF TERM 1</b>	<b>HALF TERM 2</b>
<b>AUTUMN</b>	Life processes and cells	Particle theory and changes of state, review water cycle
	Body organs, sense organs and reflexes	Atoms, elements, compounds and mixtures
<b>SPRING</b>	Forces	Reproduction - animal
	Space	Reproduction - plants
<b>SUMMER</b>	Reversible/irreversible	Classification
	Separation techniques	Adaptations

### YEAR 2

	<b>HALF TERM 1</b>	<b>HALF TERM 2</b>
<b>AUTUMN</b>	Keeping healthy (inc drugs)	Electrical circuits
	Balanced diet	Electricity – generation and static
<b>SPRING</b>	Microbes and disease	Acids and Alkalis
	Blood and circulation	Reactivity series
<b>SUMMER</b>	Energy types and transfers	Inheritance and variation
	Speed and pressure	Selective Breeding

### YEAR 3

	<b>HALF TERM 1</b>	<b>HALF TERM 2</b>
<b>AUTUMN</b>	Body systems, skeletal, digestive and breathing	Magnets and electromagnets
	Respiration – aerobic and anaerobic	Sound and light
<b>SPRING</b>	Energy sources	Forensics – crime scene investigators
	Renewable Vs Non renewable	
<b>SUMMER</b>	Rock cycle	Plants and photosynthesis
	Heating and cooling	Food chains, webs and pyramids