

Science						
	Autumn		Spring		Summer	
Year6	Interdependence/microorganism and Evolution		Electricity and Light		Animals including Humans and Sound	
	Term1	Term2	Term1	Term2	Term1	Term2
	Interdependence	Evolution	Electricity	Light	Animals including humans / Sound	
Knowledge (must know)	-Carl Linnaeus classification in more detail -how to classify plants, animals and microorganism using varied ways -why living things are placed in one group and not another -the advantages and disadvantages of microorganisms	-adaptations in different animals giving reasons - plant adaptations giving reasons -fossils role in studying evolution in living things -characteristics of parent and offspring -advantages and disadvantages of hybridisation in plants and animals	-use of simple circuits in daily life appliances -how to use symbols to construct simple circuits -the terms; resistance, current and voltage -electrical safety measures giving reasons	-difference between reflection and refraction -of the natural phenomena because of refraction -how the human eye works -uses of different types of mirrors	- identify and name the main parts of the human circulatory system -describe the functions of the heart, blood vessels and blood - understand how some drugs and other substances can be harmful to the human body. -understand the effects of alcohol and smoking on health.	
(skills) (be able to)	-plan a fair test to investigate what factors affect the rate at which yeast feeds on sugar -explain process of pasteurisation and its advantages -identify importance of vaccines and consequences of not being vaccinated	-compare and contrast animals and plants using classification keys -analyse the advantages and disadvantages of specific adaptations	-plan a fair test to investigate how thickness of wire affects the amount of current -plan a fair test to investigate factors affecting loudness of a buzzer	-plan a fair test to investigate the relationship between light sources, objects and shadows by using shadow puppets -investigate periscope and kaleidoscope -draw ray diagram to explain the two types of eclipses	-plan and investigate benefits of exercise for different purposes associated with fitness and health -identify and describe causes of high cholesterol and its impact and the circulatory system -name their own blood group -design a weekly food plan that supports a healthy lifestyle (showing awareness of both social and religious beliefs, including sustainability)	
Key V.	refined immunisation parasite	hybrid	potency resistance	phenomena contingency	malnutrition Intoxication aerobics cardiovascular	
Links						
Ass.						
Performanc e/debate/ world of work						