

Organisation Paper 1	Content	RAG
	Understand the hierarchy of organisation (cell, tissue, organ, system, organism).	
	Describe the structure and function of the digestive system.	
	Know why food must be digested.	
	Describe the properties of enzymes and their role in digestion.	
	Describe the role of bile in digestion.	
	Describe the structure and function of the heart and lungs.	
	Describe the structure of arteries, veins & capillaries and explain how the structure is related to their function.	
	Know about the components of the blood and their functions.	
	Explain what coronary heart disease is and evaluate the treatments.	
	Describe the effects of diet, smoking, alcohol and exercise on health	
	Give examples of communicable and non-communicable diseases	
	Give risk factors associated with cardiovascular disease, Type 2 diabetes, lung diseases and cancers.	
	Explain what cancer is and describe some causes.	
	Describe the difference between benign and malignant tumours.	
	Describe the structure and function of plant tissues.	
	Label the main organs of a plant and describe their functions.	
	Describe the role of the stomata and guard cells.	
	Explain how root hair cells, phloem and xylem are adapted to their function.	
	Define the terms transpiration and translocation.	
	Explain the effect of changing conditions on the rate of transpiration.	