



Summary Curriculum Plan

BIOLOGY

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
	Topics	Topics	Topics	Topics	Topics	Topics
Year 7	On separate document					
Year 8						
Year 9	1. Cell types 2. Microscopes	1. Cell division 2. Stem cells 3. Tissues and organs	1. Diffusion, osmosis and active transport	1. Surface area and volume 2. Digestion and enzymes	1. Digestion and enzymes	1. Adaptations
Year 10 (Separate)	1. Lungs 2. Heart and circulation 3. Heart disease 4. Health	1. Cancer 2. Respiration 3. Exercise 4. Photosynthesis	1. Transport in plants 2. Infectious disease 3. Drugs 4. Antibodies (start)	1. Plant disease 2. Homeostasis 3. Nervous system 4. Eye 5. Thermoregulation	1. Ecology	1. Human impact
Year 10 (Dual)	1. Lungs 2. Heart and circulation 3. Heart disease	1. Health 2. Cancer 3. Respiration 4. Exercise	1. Plant tissues 2. Photosynthesis	1. Transport in plants 2. Infectious disease	1. Infectious disease continued 2. Nervous system 3. Brain 4. Eye	1. Ecology
Year 11 (Separate)	1. Control of body temperature 2. Endocrine system 3. Control of blood sugar 4. Kidney	1. Menstrual cycle and contraception / IVF	1. Plant hormones 2. Sexual and asexual reproduction 3. Meiosis 4. DNA 5. Heredity / sex	1. Variation and evolution and selective breeding 2. Genetic engineering / cloning	1. Classification and phylogeny 2. Complete topic 7 3. Revision	

				3. Evidence for evolution		
<i>Year 11 (Dual)</i>	1. Nervous system 2. Endocrine system	4. Menstrual cycle and contraception / IVF	1. Reproduction 2. Meiosis 3. DNA 4. Heredity / sex	1. Variation and evolution and selective breeding 2. Genetic engineering	1. Evidence for evolution 2. Classification 3. Revision of ecology	