



	Year Group	Autumn Term	Spring Term	Summer Term
	7	Cells - Cells - Tissues - Organs - Organ systems 7 Life processes Muscles and bones - Muscles - Skeleton - Movement - Fitness Animal	Animal sexual reproduction Reproductive organs Becoming pregnant Gestation and birth Puberty	Ecosystems - Variation - Adaptations Effects on the environment Food chains
	8	Food and Nutrition - Nutrients - Food tests - Balanced diets - Digestion - Surface area - Enzymes	Plants and reproduction - Classification - Biodiversity - Types of reproduction - Pollination - Fertilisation and dispersion - Germination and growth Breathing and respiration - Aerobic respiration - Gas exchange systems - Anaerobic respiration	Breathing and respiration (cont) - Breathing - Fitness Training Unicellular organisms - Unicellular and multicellular - Fungi - Bacteria - Protoctista - Decomposing - Carbon cycle
Seniors	OCR GCSE BIOLOGY (9-1) J247 Specification available at: http://www.ocr.org.uk/qualifications/gcse-gateway-science-suite-biology-a-j247-from-2016/			
	9	B1.1 Cell structures B2.1 Osmosis diffusion active transport, cell differentiation and stem cells B6:3 Health and Infectious diseases	B6:3 Non communicable diseases B1.2 carbohydrates , protein , lipids B1.3 Respiration	B1.4 Photosynthesis B1.2 Enzymes HSW HSW skills PAGs
	10	B1.2 DNA B2.1 Mitosis B2.2: The challenges of size Exchange, Circulation , Heart , Blood, transpiration, Plant transport B3.1 Coordination and control – the nervous system	Topic B3: Organism level systems B3.2 Coordination and control – the endocrine system B3.3 Maintaining internal environments	Topic B4: Community level systems B4.1 Ecosystems
	11	Topic B5: Genes, inheritance and selection B5.1 Inheritance B5.2 Natural selection and evolution	Topic B6: Global challenges B6.1 Monitoring and maintaining the environment B6.2 Feeding the human race	REVISION