



	Year Group	Autumn Term	Spring Term	Summer Term
	7	Cells <ul style="list-style-type: none"> • Cells • Tissues • Organs • Organ systems • 7 Life processes Animal sexual reproduction <ul style="list-style-type: none"> • Reproductive organs • Becoming pregnant 	Animal sexual reproduction (cont) <ul style="list-style-type: none"> • Gestation and birth • Puberty Muscles and bones <ul style="list-style-type: none"> • Muscles • Skeleton • Movement • Fitness 	Ecosystems <ul style="list-style-type: none"> • Variation • Adaptations • Effects on the environment • Food chains
	8	Food and Nutrition <ul style="list-style-type: none"> • Nutrients • Food tests • Balanced diets • Digestion • Surface area • Enzymes 	Plants and reproduction <ul style="list-style-type: none"> • Classification • Biodiversity • Types of reproduction • Pollination • Fertilisation and dispersion • Germination and growth Breathing and respiration <ul style="list-style-type: none"> • Aerobic respiration • Gas exchange systems • Anaerobic respiration 	Breathing and respiration (cont) <ul style="list-style-type: none"> • Breathing • Fitness Training • Unicellular organisms <ul style="list-style-type: none"> • Unicellular and multicellular • Fungi • Bacteria • Protocista • 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	Topic B1: Cell level systems B1.1 Cell structures B1.2 What happens in cells (and what do cells need)?	Topic B1: Cell level systems B1.3 Respiration	Topic B1: Cell level systems B1.4 Photosynthesis
	10	Topic B2: Scaling Up B2.1 Supplying the cell B2.2 The challenges of size Topic B3: Organism level systems 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 B6.3 Monitoring and maintaining health	REVISION