

BIOLOGY WJEC**TERM 1 TOPIC LIST****AS UNIT 1****Cell organisation**

formation of bio. Compounds
cell structure and organisation
cell membranes
transport of substances
enzymes
DNA/ nucleic acid: function and structure
ATP & genes
DNA and RNA structure and role
DNA replication
mitosis, meiosis and cell cycle

TERM 2 TOPIC LIST**AS UNIT 2****Biodiversity and physiology of body systems**

gaseous exchange: adaptations
concept of biodiversity and measurement
classification of species
natural selection and evolution
Heart and circulation
Blood vessels structure and function
tissue fluid
water
plant: xylem and phloem (transport)
blood
cell structure and ultrastructure (plant)
digestion
enzymes
adaptations
pathogens and parasites