

TMBSS	Foundation AQA Biology Year 10
	Week
Topic 1: Cell Biology	
1.1 Animal & plant cells	1
1.2 Microscopes	2
1.3 Specialised cells	3
1.4 Transport in cells	4
1.5 Cell division	5
1.6 Stem cells	6
Topic 2 : Organisation	
2.1 Level of organisation	7
2.2 The digestive system	8
2.3 Enzymes	9
2.4 Food tests	10
2.5 The heart	11
2.6 Blood vessels	12
2.7 Circulatory system & Blood	13
2.8 Helping the heart	14
2.9 Breathing & gas exchange	15
Topic 3 : Infection & response	
3.1 Health & disease	16
3.2 Cancer	17
3.3 Communicable disease	18
3.4 Preventing infections	19
3.5 Pathogens	20
3.6 Human defence system	21
3.7 Vaccines	22
3.8 Medicines	23
3.9 Antibiotics	24
3.10 Discovery & development of drugs	25
Topic 4 : Bioenergetics	
4.1 Photosynthesis reaction	26
4.2 Rates of photosynthesis	27
4.3 Plant organs & tissues	28
4.4 Plant transport systems	29
4.5 Aerobic respiration	30
4.6 Anaerobic respiration	31
4.7 Response to exercise	32

Core practicals:	
1 Using a microscope	2
2 Investigating antiseptics	33
3 Osmosis	34
4 Food tests	10
5 Enzyme reaction rates	35
6 Photosynthesis / light	36
7 Reaction time	37
8 phototropism	38

TMBSS	Foundation AQA Biology Year 11
	Week
5.1 Homeostasis	1
5.2 Thermoregulation	2
5.3 Control of blood sugar	3
5.4 Removing waste products	4
5.5 Human reproduction	5
5.6 Plant hormones	6
5.7 Nervous system	7
5.8 The brain	8
Topic 6 : Inheritance, variation & Evolution	
6.1 DNA	9
6.2 Types of reproduction	10
6.3 Cell division in sexual reproduction	11
6.4 variation	12
6.5 Inheritance	13
6.6 Evolution by natural selection	14
6.7 Selective breeding & genetic engineering	15
6.8 Classification	16
Topic 7 : Ecology	
7.1 Levels of organisation	17
7.2 Food chains & webs	17
7.3 Interdependence	18
7.4 Adaptations	18
7.5 Competition	19
7.6 Living & non-living factors	19
7.7 Distribution of organisms	20
7.8 Decomposition	21
7.9 How materials are cycled	21
7.10 Biodiversity	23
7.11 Pollution	23
Core practicals:	
9 Ecology	24
10 Milk decay	21