

Year 10

Subject: Biology

Week	Content
1	Students in for a staggered start
2	B1, B2 Recap - higher level content only
3	B3.1 Tissues and organs, B3.2 The human digestive system & B3.3 The chemistry of food B3.4 Catalysts and enzymes & B3.5 Factors affecting enzymes
4	B3.6 How digestive works & B3.7 Making digestion efficient B4.1 The blood & B4.2 Blood vessels
5	B4.3 The heart & B4.4 Helping the heart
6	B4.5 Breathing
7	B4.6 Tissues and organs in plants KAPI: B1-B3
8	B4.7 Transport in plants & B4.8 Transpiration
9	KAPI DIRT B4.9 Factors affecting transpiration
	B5.1 Health and disease
10	B5.2 Pathogens and disease B5.3 Growing bacteria in lab
11	B5.4 Preventing bacterial growth
12	B5.5 Preventing infections Set B5.6-5.8 as H/W (a table) and check in class
13	B5.9 Human defence responses and B6.1 Vaccination
14	B6.2 Antibiotics and painkillers KAP 2 B1-B5
15	B6.3 & B6.4 Discovering and developing drugs
16	KAP2 DIRT B6.5 & B6.6 MABs and uses
17	B7.1 Non-comm diseases & B7.2 Cancer
18	B7.3 Smoking and the risk of disease
19	KAP3 B1-B6
20	B7.3 Smoking and the risk of disease KAP3 B1-B6

HIGHGATE WOOD SCHOOL: CURRICULUM MAP FOR KEY STAGE 4

	B7.4 Diet & B7.5 Alcohol and B8.1 Photosynthesis
21	KAP3 DIRT B8.2 Rate of photosynthesis
22	B8.3 & B8.4 Uses of glucose and MTMO Photosynthesis
23	B9.1 Aerobic respiration & B9.2 Exercise
24	B9.3 Anaerobic respiration & B9.4 Metabolism liver KAP 4 BI-B9
25	B10.1 Principles of homeostasis B10.2 Structure NS & B10.3 Reflex actions
26	B10.4 The Brain
27	KAP4 DIRT B10.5 The eye & B10.6 Common problems with the eye
28	B11.1 Principles of Hormonal Control & B11.4 The Role of Negative Feedback B11.2-3 The Control of Blood Glucose Levels & Treating Diabetes
29	B11.5 Human Reproduction & B11.6 Hormones and the Menstrual Cycle
30	B11.7 The Artificial Control of Fertility & B11.8 Infertility Treatments KAP5 BI-B10
31	B11.9 Plant Hormones and Responses & B11.10 Using plant hormones
32	Revision for MOCK
33	KAP 5 DIRT , Revision for EoY MOCK
34	Revision for MOCK
35	MOCK exams (KAP6)
36	MOCK exams (KAP6)
37	B12.1 Controlling Body Temperature & B12.2 Removing Waste Products
38	B12.3 The Human Kidney
39	B12.4 Dialysis & B12.5 Kidney Transplants