

Year 12 Biology Teaching Plan

Month	Week	Topics 1 & 3 (Teacher A)	CGP Revision Guide pages	Assessments	Topics 2 & 4 (Teacher B)	CGP Revision Guide pages	
Sept	B	07-Sep	1.1 Water and intro to circulation	4-5		2.1 CF and lung structure	54-55
	A	14-Sep	1.2 The heart and circulation*	6-7		2.1 Gaseous exchange	28-29
	B	21-Sep	1.3 Cardiac cycle	8-9		2.2 Membranes (CP - membranes)*	36-37
	A	28-Sep	1.4 Cardiovascular disease	12-15		2.2 Transport across membranes*	30
Oct	B	5-Oct	1.6 Daphnia caffeine CP	16-17		2.2 Proteins	31-33
	A	12-Oct	1.5 Understanding risk and data	10-11		2.4 DNA / RNA	38-41
	B	19-Oct	1.7 Risk factors for CVD - carbohydrates	22-23		2.4 Genetic Code	42-43
Half Term							
Nov	A	02-Nov	1.8 Risk factors for CVD - Carbohydrates - Lipids	24-26	Ass 1	2.5 Transcription / translation	44-45
	B	09-Nov	1.9 Risk factors for CVD - Diet	20-21, 27		2.5 DNA replication	46-47
	A	16-Nov	1.10 Risk factors for CVD - Genetic factors	26		2.3 Enzymes (CP - enzyme Rate of reaction)*	48-49
	B	23-Nov	1.11 Risk factors for CVD - salt, stress, alcohol	27	PC1	2.6 Monohybrid inheritance	50-51
	A	30-Nov	1.12 reducing the risk - CVD medication*	18-19		2.8 Genetic screening	56-57
Dec	B	07-Dec	Revision		Ass 2	Revision	
	A	14-Dec	Revision			Revision	
Xmas Holidays							
Jan	B	04-Jan	3.1.1 Prokaryotic and Eukaryotic cells	58-61			
	A	11-Jan	3.1.1 Prokaryotic and Eukaryotic cells	58-61	Mock	4.1/4.3 Biodiversity & Classification	57
	B	18-Jan	3.1.1 Protein modification and folding	60		4.1/4.3 Biodiversity & Classification	60-61
	A	25-Jan	3.1.2 Gametes and Fertilisation*	68-69		4.2 Adaptation	58
Feb	B	01-Feb	3.1.2 Meiosis	70-71	PC2	4.2 Natural Selection	59
	A	08-Feb	3.1.2 Gene linkage and sex linkage	71	PE	4.4 Structure of plants (CP - plant fibres)	62, 64-65
Half Term							
	B	22-Feb	3.1.2 Gene linkage and sex linkage)	71		4.4 Starch and cellulose*	63
March	A	01-Mar	3.2.2 Mitosis (CP - mitosis slides	66		4.4 Transpiration	66
	B	08-Mar	3.2.2 Cell cycle*	67	Ass 3	4.4 Mineral deficiency (CP)	66
	A	15-Mar	3.2.3 Cell differentiation and gene expression	72-73		4.4 Drug testing (CP - antimicrobial plants)	67-68
	B	22-Mar	3.2.3 Stem cells	74-75	PC3	4.5 Seeds and seed banks*	70
	A	29-Mar	3.4.1 Genetic variation	76-77		4.5 Conserving diversity	69
Easter Holidays							
April	B	19-Apr	3.4.2 Epigenetics	77			

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	A	26-Apr	Revision				
	B	03-May	Exams				
May	B	10-May	Practicals / Trips / Science Research Project				
	A	17-May					
	B	24-May					
Half Term							
June	A	07-Jun	Practicals / Trips / Science Research Project				
	B	14-Jun					
	A	21-Jun					
	B	28-Jun	Y12 Progress Week				
July	A	05-Jul	Y12 Work Experience				
	B	12-Jul					