

Curriculum Map

Year 13 BTEC Applied Science

		Teacher 1			Teacher 2	
Date	Week	Lesson 1	Lesson 2	Lesson 3	Lesson 1	Lesson 2
01-Sep	1	Learning Aim D-Enzymes in Action (Intro)	Protein structure	Biological catalysts	Learning Aim E-Diffusion (intro)	Factors that affect rate of diffusion
08-Sep	2	Factors that affect enzyme activity	Planning: Temperature vs lipase activity	Practical: Temperature vs lipase activity	Movement of particles	Planning: Food colouring in agar
15-Sep	3	Planning: The effects of temperature and pH on egg albumen	Practical: The effects of temperature and pH on egg albumen	Exam practice	Practical: Food colouring in agar	Planning: Diffusion of acid into agar
22-Sep	4	Planning: The effect of temperature vs protease	Practical: The effect of temperature vs protease	Exam practice	Practical: Diffusion of acid into agar	Planning: Ice cubes in water
29-Sep	5	Learning Aim F-Plants (intro)	Factors that effect plant growth	Sampling techniques	Practical: ice cubes in water	Stats
06-Oct	6	Planning: Water on bean shoots	Practical: Water on bean shoots	Exam practice	Learning Aim G-Fuels (intro)	Fuels and energy
13-Oct	7	Planning: Distribution of plants in a field	Practical: Distribution of plants in a field	Exam practice	Energy calculations	Planning: energy in foods



20-Oct	8	Stats	Stats	Stats	Practical: Energy in foods	Planning: energy in alcohols
03-Nov	9	Learning Aim H- Electrical circuits (intro)	Components in electricity	Series and Parallel	Practical: energy in alcohols	Planning: effect of oxygen on candles
10-Nov	10	Physics equations	Physics equations	Physics equations	Practical: effect of oxygen on candles	Exam practice
17-Nov	11	Planning: Effect on temperature on resistance	Practical: Effect on temperature on resistance	Planning: SHC	Exam practice	Exam practice
24-Nov	12	Practical SHC	Exam practice	Exam practice	Exam practice	Exam practice
01-Dec	13	Mocks	Mocks	Mocks	Mocks	Mocks
08-Dec	14	Mocks	Mocks	Mocks	Mocks	Mocks
15-Dec	15	Feedback	Feedback	Feedback	Feedback	Feedback
Date	Week	Lesson 1	Lesson 2	Lesson 3	Lesson 1	Lesson 2



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5-Jan	16	Unit 1 resits	Unit 1 resits	Unit 1 resits	Unit 1 resits	
12-Jan	17	Unit 3 exam	Unit 8: Musculoskeletal System (intro)	Structure of system	Unit 8- Digestive system	
19-Jan	18	Bones and composition	Joints	Muscle groups	Function	Absorption of nutrients
26-Jan	19	Functions of MS	Movement	Disorders of MS	Food tests	Food tests practical
02-Feb	20	Treatments	Evaluation of Treatments	Write up	Write up	Write up
09-Feb	21	Write up	Write up	Assignment hand in	Write up	Write up
23-Feb	22	Learning Aim B Lymphatic system	Structure	Functions	Balanced Diet	Disorders
02-Mar	23	Disorders	Treatments	Evaluation	Treatment	Evaluation of treatment
09-Mar	24	Write up	Write up	Write up	Write up	Write up



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16-Mar	25		Resubmission write up	Resubmission write up		Resubmission write up
		Assignment hand in			Assignment hand in	
23-Mar	26	Resubmission write up	Resubmission write up	Resubmission hand in date	Resubmission write up	Resubmission write up
13-Apr	27	Resubmission write up	Resubmission write up	Resubmission write up	Resubmission write up	Resubmission write up
20-Apr	28	Resubmission write up	Resubmission write up	Resubmission write up	Resubmission write up	Resubmission write up
27-Apr	29	Resubmission write up	Resubmission write up	Resubmission write up	Resubmission write up	Resubmission write up
04-May	30	Unit 1/3 revision	Unit 1/3 revision	Unit 1/3 revision	Unit 1/3 revision	Unit 1/3 revision
11-May	31	Unit 1/3 revision	Unit 1/3 revision	Unit 1/3 revision	Unit 1/3 revision	Unit 1/3 revision
18-May	32	Unit 1/3 revision	Unit 1/3 revision	Unit 1/3 revision	Unit 1/3 revision	Unit 1/3 revision