

Long Term Plan: Year 9 Biology (3 lessons a week)

T e r m 1	W.C 02/09	W.C 09/09	W.C 16/09	W.C 23/09	W.C 30/09	W.C 07/10	W.C 14/10	W.C 21/10	W.C 04/11	W.C 11/11	W.C 18/11	W.C 25/11	W.C 02/12	W.C 09/12	W.C 16.12
	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1
	Introductio n to Biology	Unit 4.1 Eukaryotic and prokaryoti c cells organelles Req prac: Microscop es	Unit 4.1 Specialised cells Stem cells microscop y	Unit 4.1 Culturing microorga nisms Req prac: inhibition of bacterial growth	Test and Feed forward	Unit 4.1 Chromoso mes mitosis	Unit 4.1 Stem cells cloning diffusion	Unit 4.1 osmosis Req prac: Osmosis	Unit 4.1 Active transport Revise unit 4.1	Unit 4.2 organisatio n digestive system Req prac: Food tests	Unit 4.2 Enzymes Req prac: enzymes	Unit 4.2 Heart blood vessels blood	Test and Feed Forward	Unit 4.2 CHD Health issues non-co mmunc able diseases	Unit 4.2 ext writing Cancer Plant tissues and organs
T e r m 2	W.C 06/01	W.C 13/01	W.C 20/01	W.C 27/01	W.C 03/02	W.C 10/02	W.C 24/02	W.C 02/03	W.C 09/03	W.C 16/03	W.C 23/03	W.C 30/03			
	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Science Week	Biology Paper 1	Biology Paper 1			
	Unit 4.3 communic able diseases bacterial viral, fungal and protist	Unit 4.3 Human defences and vaccinatio ns	Unit 4.3 Antibiotics and painkillers Drug developme nt	Unit 4.3 monoclonal antibodies	Test and Feed Forward	Unit 4.3 Plant Diseases and defences	Unit 4.4 Biolenerge tics Photosynt hesis Req prac: Photosynt hesis	Unit 4.4 Rate of photosynt hesis glucose from photosynt hesis	Unit 4.4 Respiratio n Exercise Metabolis m	Engaging lessons	Test and Feed forward	Self Evaluation and reflection of Paper 1			
T e r m 3	W.C 20/04	W.C 27/04	W.C 04/05	W.C 11/05	W.C 18/05	W.C 01/06	W.C 08/06	W.C 15/06	W.C 22/06	W.C 29/06	W.C 06/07	W.C 13/07			
	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 1	Biology Paper 2	Biology Paper 2	Biology Paper 2			
	Revision using DTT model of 4.1	Test and Feed Forward	Revision using DTT model of 4.2	Revision using DTT model of 4.3	Revision using DTT model of 4.4	Self Evaluation and reflection of Paper 1	Revision (topic to be decided by mock results)	Revision (topic to be decided by mock results)	Test and Feed Forward	Test and Feed Forward	Unit 4.5 Req prac: reaction time The brain	Unit 4.5 The eye control of body temperatu re			

Long Term Plan: Year 10 Triple Biology

T e r m 1	W.C 02/09	W.C 09/09	W.C 16/09	W.C 23/09	W.C 30/09	W.C 07/10	W.C 14/10	W.C 21/10	W.C 04/11	W.C 11/11	W.C 18/11	W.C 25/11	W.C 02/12	W.C 09/12	W.C 16.12
	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2
	Introduction to year 10	Unit 4.5 Homeostas is Nervous system	Unit 4.5 req prac: Reaction rates The brain the eye	Test and Feed Forward	Unit 4.5 control of body temperatu re endocrine diabetes	Unit 4.5 water and nitrogen levels hormones contracept ion	Unit 4.5 hormones for fertility treatments negative feedback	Unit 4.5 plant hormones Req prac: effect of light or gravity of a shoot.	Unit 4.6 sexual and asexual reproduct ion advantage s meiosis	Unit 4.6 DNA genome DNA structure	Unit 4.6 Genetic inheritanc e punnett squares inherited disorders	Test and Feed Forward	Unit 4.6 sex determi nation variatio n mutatio ns	Unit 4.6 evolutio ns selectiv e breedin g	Unit 4.6 Genetic enginee ring cloning
T e r m 2	W.C 06/01	W.C 13/01	W.C 20/01	W.C 27/01	W.C 03/02	W.C 10/02	W.C 24/02	W.C 02/03	W.C 09/03	W.C 16/03	W.C 23/03	W.C 30/03			
	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2			
	Unit 4.6 Theory of evolution speciation	Unit 4.6 understan ding evolution evidence for evolution	Test and Feed Forward	Unit 4.6 extinction resistant bacteria classificati on	Unit 4.7 communiti es Abiotic and biotic factors adaptations	Unit 4.7 levels of organisatio n Req prac: Sampling	Unit 4.7 How materials are cycles Decomposi tion Req prac: decay of milk	Unit 4.7 Environme ntal changes biodiversit y waste managemen t	Unit 4.7 land use deforestati on global warming	Test and Feed Forward	Unit 4.7 maintainin g biodiversit y trophic levels Biomass	Unit 4.7 Food production farming fisheries biotechnol ogy			
T e r m 3	W.C 20/04	W.C 27/04	W.C 04/05	W.C 11/05	W.C 18/05	W.C 01/06	W.C 08/06	W.C 15/06	W.C 22/06	W.C 29/06	W.C 06/07	W.C 13/07			
	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 2	Biology Paper 1	Biology Paper 1	Biology Paper 1	MOCKS	MOCKS	Biology	Biology	Biology			
	Revision of 4.5 DTT	Revision of 4.6 DTT	Test and Feed Forward	Revision of 4.7 DTT	Revision of 4.1 DTT	Revision of 4.2 DTT	Revision of 4.3 DTT	Test and Feed Forward	Test and Feed Forward	Revision of 4.4 DTT	Exam questions practice	Exam question practice			

