APSC
Continuity of Learning

Year 10 – Triple Science

WB	Lesson	Key content	Online lesson link
15th April	Nuclear equation and half life Irradiation and contamination Hazards of radiation	• To know what radioactive decay is. • To understand how to write ionic equations to sh • To be able to define half-life, contamination and describe the hazards of radiation	https://continuityoak.org.uk/Lessons?r=8697 https://continuityoak.org.uk/Lessons?r=8702 https://continuityoak.org.uk/Lessons?r=8709
22nd April	Communities Biotic and Abiotic Factors	Biotic and biotic factors that affect how organisms interact with each other and their environment.	https://continuityoak.org.uk/Lessons?r=8211 https://continuityoak.org.uk/Lessons?r=8216
29th April	Adaptations Surface Area to Volume Ratio	How organisms are adapted to increase their chances of survival.	https://continuityoak.org.uk/Lessons?r=8223 https://continuityoak.org.uk/Lessons?r=8230
6th May	Sampling Required Practical Part 1 and 2	Required practical: Using quadrats and transects to estimate population and investigate how biotic and abiotic factors affect the distribution of species.	https://continuityoak.org.uk/Lessons?r=8237 https://continuityoak.org.uk/Lessons?r=8244
13th May	Biomass Food Security and Farming	In these topics, students will look at how the biomass of organisms change along a food chain, and what is food security.	https://continuityoak.org.uk/Lessons?r=9327 https://continuityoak.org.uk/Lessons?r=9328
20th May	Cycles Decay Decay Required Practical	In these topics, students will learn about the water cycle and carbon cycle. After which, there will be a focus on decay and how to carry out the decay required practical.	https://continuityoak.org.uk/Lessons?r=8251 https://continuityoak.org.uk/Lessons?r=9329 https://continuityoak.org.uk/Lessons?r=9330
27th May	**Half-term**		
3rd June	Global Warming Biodiversity	In these topics, students will look at the causes of global warming and its consequences, as well as how to maintain biodiversity.	https://continuityoak.org.uk/Lessons?r=8258 https://continuityoak.org.uk/Lessons?r=8265
10th June	The Earth's Atmosphere The Greenhouse Effect	In this topic, students will look at how the composition of the atmosphere has changed since the early atmosphere and how greenhouse gases have caused man made greenhouse effect.	https://continuityoak.org.uk/Lessons?r=7767 https://continuityoak.org.uk/Lessons?r=7770

17th June	Climate Change Pollutants	In these topics, students will learn about the impact of climate change, how to process secondary data, and the consequences of different air pollutants.	https://continuityoak.org.uk/Lessons?r=7773 https://continuityoak.org.uk/Lessons?r=7776
24th June	Relative Formula Mass (revision) Moles and Avogadro's Constant (revision)	A revision of C3 Quantitative Chemistry.	https://continuityoak.org.uk/Lessons?r=7444 https://continuityoak.org.uk/Lessons?r=7452
1st July	Balancing Equations using Moles (revision) Reacting Masses and Yield (revision)	A revision of C3 Quantitative Chemistry.	https://continuityoak.org.uk/Lessons?r=7459 https://continuityoak.org.uk/Lessons?r=9584
8th July	Atom Economy (revision) Concentration (revision)	A revision of C3 Quantitative Chemistry.	https://continuityoak.org.uk/Lessons?r=9585 https://continuityoak.org.uk/Lessons?r=7475
15th July	Limiting Reactants (revision) Quantitative Chemistry (revision)	A revision of C3 Quantitative Chemistry.	https://continuityoak.org.uk/Lessons?r=7483 https://continuityoak.org.uk/Lessons?r=9445
22nd July	**Summer Holidays**		