

St Thomas More RC College Curriculum Topic Overview commencing September 2020

Year 11a Science Trilogy

Week	Week beginning	Autumn		
		Biology	Chemistry	Physics
1				
2				
3				
4	21/9/20	Required practical: Investigating reaction time and the endocrine system	Temperature changes required practical	Refraction, velocity and wave fronts Required practical: Absorption and Emission
5	28/9/20	Controlling blood glucose concentration	Measuring rates of reaction	Measuring wave speeds Required practical: Measuring waves
6	5/10/20	Diabetes and diabetes recommendations	Limiting reactants and molar masses	Key concept: Transferring energy and info
7	12/10/20	Human reproduction	Calculating rates of reaction	Wave unit review
8	19/10/20	Contraception and Which contraceptive	Factors affecting rate of reaction	Forces Speed
9	2/11/20	IVF evaluation	Factors increasing rate of reaction	Acceleration Velocity – time graphs
10	9/11/20	IVF evaluation and Negative feedback	Collision theory	Calculations of motion Heavy or massive
11	16/11/20	Sexual & asexual reproduction	Rates of reaction required practical	Forces and motion Resultant forces
12	23/11/20	Meiosis and DNA & genes	Reversible reactions and equilibrium	Key concept: Force and acceleration
13	30/11/20	Genetics	Equilibrium and changing concentration	Forces and acceleration Required practical: Acceleration
14	7/12/20	Genetic crosses (2 lessons)	Changing temperature and pressure in reversible reactions	Newton's 3 rd Law Momentum
15	14/12/20	Variation	Rates of reaction review	Keeping safe on the road