

St Thomas More RC College Curriculum Topic Overview commencing September 2020

PHYSICS Year 10 Triple science

Week	Week beginning	Autumn Topics
1		
2		Atomic structure Radioactive decay
3		Background radiation Irradiation
4	21/9/20	Nuclear equations Radioactive half life
5	28/9/20	Nuclear fission Nuclear fusion
6	5/10/20	Review questions Developing ideas about atoms
7	12/10/20	Potential energy Investigating kinetic energy
8	19/10/20	Work done energy transfer Understanding Power
9	2/11/20	Specific heat capacity Required practical: SHC
10	9/11/20	Dissipation of energy Energy efficiency
11	16/11/20	Required practical: Insulators Using energy resources
12	23/11/20	Global energy supplies Key concept – energy transfer
13	30/11/20	Maths skills – significant figures Review questions
14	7/12/20	Static electricity Electric fields
15	14/12/20	Electric current Series and parallel circuits