SCIENCE - Physics

Key Stage	Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
KS3	7	Induction into physics & science skills	Energy	Matter	Forces and Motion Space	Waves	Electricity and Magnetism
	8	Science skills	Forces and motion	Matter Waves	Electricity and Magnetism		Energy Space
	9	Scientific skills	Waves	Space, Electricity and Magnetism	Energy	Matter	Forces and motion
At KS3, each topic will have one end of topic assessment							
KS4	10 Triple Science	P1 Conservation and Dissipation of Energy P2 Energy Transfer by Heating	P3 Energy Resources P4 Electric Circuits	P5 Electricity in the home P6 Molecules and Matter	P7 Radioactivity	Revision	End of Year Exams Year 11 content
	10 Combined Science	P1 Conservation and Dissipation of Energy P6 Molecules and Matter	P2 Energy Transfer by Heating	P3 Energy Resources	P4 Electric Circuits	P5 Electricity in the home P7 Radioactivity	End of Year Exams Year 11 content
	11 Triple Science	P8 Forces in balance P9 Motion	P10 Forces and motion P11 Force and Pressure P12 Wave Properties	P13 Electromagnetic Spectrum P14 Light	P15 Electromagnetism P16 Space	Revision of Content	Exams
	11 Combined Science	P8 Forces in balance	P9 Motion P10 Forces and motion	P11 Wave Properties	P12 Electromagnetic Spectrum P13 Electromagnetism	Revision of Content	Exams
At KS4, each chapter will have one end of chapter assessment Chapter numbers refer to the Kerboodle textbook							

KS5	**12**	3. Motion 8. Charge and Current 9. Energy, Power and Resistance	4. Forces in action 10. Electrical circuits	5. Work, Energy, Power 6. Materials 11. Waves 1	7. Laws of motion and momentum 12. Waves 2	13. Quantum physics + End of year project + Revision	Exams Work experience Year 13 content
	13	16. Circular motion 17. Oscillations 14. Thermal Physics 15. Ideal Gases 21. Capacitance	18. Gravitational Fields 22. Electric Fields 23. Magnetic Fields 24. Particle Physics	25. Radioactivity 26. Nuclear Physics 19. Stars	27. Medical Imaging 20. Cosmology + Presentation	Revision of Content Exam Technique	
At KS5, each chapter will have one end of chapter assessment **Chapter numbers refer to the recommended OCR A textbook**							