

The Science Department Road Story 2021-2022

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 7	Safety and skills 7A Cells, tissues, organs and systems 7G The particle model 7I Energy	7E Separating mixtures 7B sexual reproduction in animals 7J Electricity	7C muscles and bones 7K forces 7H Atoms elements and compounds	7F Acids and alkalis 7L sound closing the gap	7D Ecosystems 8H rocks 8L Earth and space	review and assessment feedback re-teach gaps
Year 8	8B Plants and their reproduction 8K Energy transfers 8G Metals and their uses	8D Unicellular Organisms 8I Light 8F The periodic table	8A Food and nutrition 8E Combustion 8I Fluids	8C Breathing and respiration 9F Reactivity closing the gap	9I Forces and motion +9J force fields and electromagnets 9B Plant growth	review review and assessment feedback re-teach gaps
Year 9	CB5 Health, Disease and the development of medicines CP3 conservation of energy CP4 waves	CB1a key concepts in biology 1 (5 lessons) CC3/4 atomic structure and the Periodic Table (6 lessons) CP5 Light and the electromagnetic spectrum (6 lessons)	CC13 The Periodic Table (5 lessons) CC1/2 states of matter & separating mixtures (8 lessons)	review review and assessment CB5, CP3, CP4, CB1a, CC3/4, CP5	CB2 Cells and control (7 lessons) CB1b Key concepts in biology 2 (8 lessons) CP1 Motion	review, assessment & feedback feedback re-teach gaps
Year 10 combined	CC5-7 Bonding and types of substance CB6 photosynthesis	CC14 Rates of reaction CP2 forces and motion	CP12/13 particle model/forces and matter CB3 Genetics	CC16/17 Fuels + atmosphere science CB4 Natural selection and genetic modification	CC15 Energy changes in chemistry CP6 radioactivity	CC9 Calculations involving masses CB8 exchange and transport CP9 electricity review and Assessment feedback re-teach gaps from assessment including core practicals
Year 10 triple	SB6 plant structures and their functions SC5-7 Bonding and types of substance SP14/15 Particle model /Forces and Matter	SB5 triple content SC4 review and SC17 groups in the Periodic Table SP 1/2 Motion and forces	SB3 Genetics SC9 calculations involving masses SP7 Astronomy	SB4 Natural selection and genetic modification SC20 fuels SC21 Earth and atmosphere science SP4 revision of key ideas + SP4 d-g	SB1-2 triple content SC18/19 rates of reaction and energy changes SP6 radioactivity	SB8 exchange and transport SC22 / SC23 hydrocarbons / Alcohols and carboxylic acids SC24 polymers SC25/26 qualitative analysis /properties of SP10 Electricity and circuits review and Assessment feedback re-teach gaps including core practicals
Year 11 combined	CP9 electricity and circuits CB9 ecosystems and material cycles	CC8 acids and alkalis CP10 magnetism	CC10-12 electrolysis /products from metals/ equilibria CP11 electromagnetic induction CB8 exchange and transport in animals	Review CB7 animal coordination and control		
Year 11 triple	CB9 ecosystems and material cycles SP11 Static Electricity SP12 Magnetism & Motor Effect SP13 Electromagnetic Induction	SC8 Acids and alkalis SC14	CB8 exchange and transport in animals CB7 animal coordination and control SC10-13 metals and extraction SP14 Particle Model SP15 Forces & Matter	CB7 animal coordination and control SC15 Review		