

NDA Curriculum Sequencing Map 2021-22: Science

Half-Term 1							
Science	week 1	week 2	week 3	week 4	week 5	week 6	week 7
Year 7	Organisms: Cells Working Scientifically Forces: Balanced and Unbalanced Forces						
Year 8	Organisms: Lifestyle factors for disease Working Scientifically Forces: Resultant Forces, Moments and Pressure						
Year 9	Organisms: Cells and transport Working Scientifically Forces: Balanced Forces						
Year 10	Organisms: Disease Working Scientifically Forces: Balanced Forces						
Year 11	Genes: Reproduction and Variation Working Scientifically Waves: EM spectrum						

Half-Term 2							
Science	Week 1	week 2	week 3	week 4	week 5	week 6	week 7
Year 7	Organisms: Movement Matter: States of Matter Electricity: Circuits						
Year 8	Organisms: Digestive system Matter: Atoms Electricity: Magnets						
Year 9	Organisms: Diseases Matter: Atomic Structure Electricity: Electricity in the home						
Year 10	Organisms: Photosynthesis and Respiration Reactions: Chemical changes Forces: Motion						
Year 11	Genes: Genetics and Evolution Adaptations and Competition Earth: Atmosphere and Earths resources Electricity: Electromagnets						

Half-Term 3							
Science	week 1 (half week)	week 2	week 3	week 4	week 5	week 6	week 7
Year 7	Ecosystems: Energy Transfer Matter: Separating Techniques Energy: Resources						
Year 8	Ecosystems: Respiration Matter: Periodic Table Energy: Heat transfer						
Year 9	Organisms: Transport systems Matter: Periodic Table Energy: Conservation of Energy						
Year 10	Genes: Reproduction Reactions: Electrolysis Electricity: Electric Circuits						
Year 11	Organisms: Cells and Organisation Matter: Atomic Structure and Bonding Electricity: Electric Circuits						

Half-Term 4						
Science	week 1	week 2	week 3	week 4	week 5	week 6
Year 7	Ecosystems: Plant Reproduction Reactions: Acids and Alkali Waves: Sound					
Year 8	Ecosystems: Photosynthesis Reactions: Thermal reactions Waves: Effects and properties					
Year 9	Organisms: Photosynthesis + Respiration Reactions: Chemical Changes Energy: Dissipation of energy					
Year 10	Genes: Variation, Genetics and Evolution Reactions: Energy Changes Waves: Radioactivity					
Year 11	Organisms: Disease and Bioenergetics Matter: Chemical Reactions and Energy Changes Energy: Conservation and Dissipation of energy					

Half-Term 5					
Science	week 1	week 2	week 3	week 4	week 5
Year 7	Genes: Variation Reactions: Reactions with Metals Waves: Light				
Year 8	Genes: Genetics Reactions: Energy Changes Universe: Space				
Year 9	Ecosystems: Adaptations/Competition Earth: Crude Oil and Fuels Energy: Energy Resources				
Year 10	Ecosystems: Adaptations, competition and Ecosystems Reactions: Crude oil and fuels Waves: Electromagnetic Spectrum				
Year 11	Revision/Exams				

Half-Term 6							
Science	week 1	week 2	week 3	week 4	week 5	week 6	week 7
Year 7	Genes: Reproduction Earth: Rock Cycle Universe: Space						
Year 8	Genes: Evolution Earth: Environment Forces: Forces in action						
Year 9	Genes: Reproduction Earth: Earth's Atmosphere Waves: Radioactivity						
Year 10	Ecosystems: Biodiversity Earth: Chemical analysis and Earth's resources Universe: Space						
Year 11	Revision/Exams						

Key

