



Middlewich High School Science Department – 5 Year Curriculum Intent



Science Curriculum.	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	C1. Particle theory P1. Waves	B1. Cells C2. Periodic table	B2. Reproduction P2. Forces	P3. Energy B3. Organisation	C3. Elements, compounds and mixtures P4. Space	B6. Healthy living P5. Circuits
Year 8	C4. Chemical reactions (including metals) B7. Inheritance and DNA	C5. Acids and alkalis P6. Pressure	B8. Interdependence C6. Separation techniques P7. Forces	B9. Biodiversity C7. Earth science	P8. Light and the eye B10. Bioenergetics	P9. Generating energy B11. Cycles C8. Weathering
Year 9	C9. Atomic structure C10. Periodic trends P10. Sound and hearing	B12. Cells B13. Disease P11. Circuits P12. Magnets	P13. Forces C11. Chemical reactions	B 14. Skills: Microscopy C12. Skills: Making salts	P14. Skills: Force and extension	B 15. Skills: Photosynthesis C13. Skills: Chromatography P15. Skills: Acceleration
Year 10 Biology	B1. Cells	B2. Organisation	3. Infection and response	3. Infection and response	4. Bioenergetics	5. Homeostasis and response
Y10 Chemistry	C1. Atom and Periodic Table	C2. Bonding	C3. Quantitative Chemistry	C4. Chemical Changes	C5. Energy Changes	C6. Rates of Reaction
Y10 Physics	P1. Energy	P2. Electricity	P3. Electricity P4. Particles	P4. Particles	P5. Atomic structure/radioactivity	P5. Atomic structure/radioactivity
Year 11- Biology	5. Homeostasis and response	6. Inheritance, variation and evolution	6. Inheritance, variation and evolution	7. Adaptations, interdependence and competition	7. Adaptations, interdependence and competition	
Year 11- Chemistry	C7. Organic Chemistry	C8. Chemical Analysis	C9. Chemistry of the Atmosphere	C10. Using Resources	C10. Using Resources	
Year 11- Physics	P6. Forces	P6. Forces	P 7. Waves	P7. Magnets/electromagnetism	P7. Magnets/electromagnetism	

