

5 YEAR MAP OF LEARNING: Science

SUBJECT LEADER: Mrs Hailwood FACULTY: Scire

Year 7	Year 8	Year 9	Year 10	Year 11
Units - Working scientifically - Matter as particles - Cells - Forces - Separation - Magnetism - Chemical reactions - Space - Acids and alkalis - Digestion and health - Gas exchange - Speed - Reproduction - Waves Assessment - Baseline assessment - Formative assessment within each lesson - End of topic summative assessments - Termly summative assessments	Units - The periodic table - Charge and electrical current - Transport systems - Energy and power - Energetics - Light - Reactions of metals - Density and pressure - Bioenergetics - Coordination - Electrical circuits - Genetics - Reactivity - Interdependence Assessment - Formative assessment within each lesson - End of topic summative assessments - Termly summative assessments	Units - Respiration - Heating and cooling - Earth and the atmosphere - Engineering - Variation - Electromagnetism - Cells - Atoms <i>Health and disease</i> - Forces - Cell Transport - Bonding - Transport in organisms <i>The particle model</i> Assessment - Formative assessment within each lesson - End of topic summative assessments - Termly summative assessments	Units - Electricity - Separating Mixtures - Digestion and enzymes - Energy - Reactivity <i>Health and disease</i> - Reactions of acids <i>The particle model</i> - Electrolysis - Atoms and radioactivity <i>Homeostasis and control</i> - Energetics - Bioenergetics - Quantitative chemistry - Forces and motion <i>Ecology</i> Assessment - Formative assessment within each lesson - End of topic summative assessments - Termly summative assessments	Units - Rates of reaction - Organic chemistry - Electromagnetism - Inheritance - Waves - Variation - Earth's atmosphere and resources - Space (Triple award only) Assessment - Formative assessment within each lesson - End of topic summative assessments - Mock GCSE exams