Science Curriculum Plan 24-25 – Nuneaton Academy

Curriculum Leader	***Sarah Crewe***	***Sarah.Crewe@Nuneatonacademy.org.uk***

KEY STAGE 3

YEAR	1st Half of the year (Sept – January)	2nd Half of the year (Jan –July)
7	A grounding in the building blocks of the three science disciplines. Introduction of abstract concepts following the roll out of the new UL scheme adapted for Nuneaton Academy students. • Particles, substances and mixtures • Fundamentals of physics • Cells and organisation	Application of the building blocks of the three disciplines and applying real life examples • Chemical changes • Organ systems • Sound and light • Materials • Life cycles
	Mid-Year Assessment: Particles, substances and mixtures, Fundamentals of physics, Cells and organisation.	End of Year Assessment: Particles, substances and mixtures, Fundamentals of physics, Cells and organization, Chemical changes, organ systems, sound and light, materials, life cycles.
8	Following the current UL scheme of learning, building on their studies from last year • Light and sound • Atoms and periodic table • Digestion	• Electricity and Magnetism • Ecology • Materials and earth • Matter • Plants and photosynthesis

	Mid-Year Assessment: Light and sound, Atoms and periodic table, Digestion	End of Year Assessment: Light and sound, Atoms and periodic table, Digestion, Electricity and magnetism, Ecology, Materials and Earth, Matter.
9	Topics covered in Y7 and 8 are dealt with in more depth with a focus on preparation for GCSE level learning. • Forces in action • Reactivity • Electricity and magnetism • Matter • Energetics and rates	• Biological systems • Sound Following the Easter holidays students will begin AQA GCSE topics • Particles • Atomic structure and periodic table • Cell biology

	Mid-Year Assessment: Forces in action, Reactivity, Energetics and rates	End of Year Assessment: Forces in action, reactivity, matter, energetics andrates, biological systems,