

SUBJECT: Science						
Half-Term	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
Statement of Intent	To know that properties of materials can be changed and some of these are reversible	Describe the differences in life cycles in different animals	To describe the Sun, Earth and moon as celestial bodies	Identify the effects of forces	Revisit properties of materials unit (Aut 1) and focus on reversible and irreversible (DT cooking link)	Describe the change as humans develop to old age
Key Curriculum Coverage	Properties and changes of materials. Dissolve, separating, reversible changes. Change that produce new materials.	Living things and their habitats. Animal – different life cycles, reproduction in plants and animals	Earth and Space Movement, Earth, planets and moon, night and day	Forces, Gravity, air/water resistance, friction, levers, pulley's and gears		Animals including humans. How humans change with age.
Key Vocabulary	Materials Properties Solid Liquid Gas Reversible Irreversible Soluble Permeable Solution Transparent	Life cycles Habitats Mammal Amphibian Reptile Reproduction Metamorphosis Sexual and asexual Fertilise	Celestial Heliocentric Geocentric Solar system Rotate Orbit Earth Moon Sun Planets	Accelerate Deaccelerate Force Friction Water Resistance Newton (N) Gravity	Materials Properties Reversible Irreversible Solution	Birth Child Adolescent Young Adult Adult Old age Puberty Gestation Foetus Sexual Reproduction
Working Scientifically: Taking measurements, using a range of scientific equipment with increasing accuracy and precision, taking repeat readings when working appropriate				Key vocabulary: Accuracy, Measuring, Constant, Variable, Predict, Investigate, Equipment		