

Hesleden Primary School – SCIENCE OVERVIEW – Cycle B

	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
EYFS	ELGs relevant to Science include: Listening, Attention & Understanding; Speaking; Fine Motor skills (using tools); The Natural World: - Explore the natural world around them, making observations and drawing pictures of animals and plants; - Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class; - Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. To be KS1 ready: - To feel confident to answer simple questions about observable properties of objects and people, animals and plants around them - To compare objects in their environment and talk about similarities and differences - To ask questions about the world around them, and seek to find their own answers - To know: what a plant is / what a flower is / where you see seeds; to describe different plants and flowers - To know what an animal is; to recognise and name a variety of different animals. - To know the names of different body parts of humans and animals they have experience of - To recognise that different everyday objects are made from different materials; to describe how different objects look and feel - To know about different types of weather; to observe changes in trees and plants as the seasons progress					
C2	Animals inc. humans Focus on parts of the human body and different senses <i>Y1 Autumn – Human Body</i>	Materials Exploring and testing different everyday materials <i>Y2 Autumn - Materials</i>	Animals Classifying, comparing and grouping animals <i>Y1 Spring - Animals</i>	Plants Parts of a plant and a light and dark plant investigation <i>Y2 Spring – Plants (Light and Dark)</i>	Animals inc. humans Parent/Offspring and life cycles of humans, mammals etc <i>Y2 Summer – Growing Up</i>	Scientist Study/Working Scientifically
C3	Animals inc. humans Human and animal teeth/digestive system <i>Y4 Summer – The Digestive System</i>	Rocks Identifying, grouping and testing different rocks <i>Y3 Autumn - Rocks</i>	Light Light sources, how we see and shadow experiments <i>Y3 Spring - Light</i>	Living Things Grouping and classifying living things using keys <i>Y4 Autumn – Classify Living Things</i>	Forces and Magnets Friction/Magnetic and non-magnetic materials <i>Y3 Summer – Forces and Magnets</i>	Living Things Interpret and draw food chains <i>Y4 Summer – Food Chains</i>
C4	Animals inc. humans Circulatory system/diet, drugs and lifestyle <i>Y6 Spring – The Circulatory System</i>	Space Solar system, planets and the moon <i>Y5 Autumn - Space</i>	Electricity Circuit symbols and investigating voltage <i>Y6 Autumn - Electricity</i>	Life Cycles Life cycles of mammals, amphibians, insects and birds <i>Y5 Spring – Life Cycles</i>	Fossils Fossil formation, exploring fossils and Mary Anning <i>Y6 Summer - Fossils</i>	Animals inc. humans Reproduction in animals, plants and pollination <i>Y5 Summer - Reproduction</i>