



Woolgrove Curriculum Skills and Knowledge

Area of the Curriculum – Understanding the World (Science)

	Skills	Knowledge
EYFS	Working scientifically <ul style="list-style-type: none"> • recognises similarities and differences • shows curiosity • explores and observes objects • remember where objects belong • shows care and concern for environment 	Plants <ul style="list-style-type: none"> • identify something as a plant Animals, Including Humans <ul style="list-style-type: none"> • identify something as an animal • identify and locate parts of their body Everyday Materials <ul style="list-style-type: none"> • arrange materials into groups • name some common objects around the school and home • know that some objects fit together and that objects can be used in different ways Seasonal Changes <ul style="list-style-type: none"> • observe changes across the four seasons
Pre-Formal	Refining of skills taught in EYFS – experiences provided through Child initiated Learning opportunities, Prime Areas of the Curriculum (Physical Development, Communication and Language and Personal, social and Emotional Development) the Life skills and Sensory curriculum	
Semi-Formal 1		
Semi- Formal 2	Working scientifically <ul style="list-style-type: none"> • performs simple tests or follows teachers’ instructions • observes closely (including changes over time) • gathers and records simple data • identifies and classifies (decides how to sort and group objects) 	Plants <ul style="list-style-type: none"> • recognise that plants need water to grow • make observations of plants, including flowers and vegetables they have planted Animals, Including Humans <ul style="list-style-type: none"> • identify and name a selection of animals • name and locate the basic parts of the human body Everyday Materials <ul style="list-style-type: none"> • identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock • describe the simple physical properties of a variety of everyday materials Seasonal Changes <ul style="list-style-type: none"> • name the four seasons • observe and describe weather and other changes (eg. plants and animals) associated with the seasons
Formal NC KS1 Science (2019)	Working scientifically <ul style="list-style-type: none"> • asks simple questions • performs simple tests or follows teachers’ instructions • observes closely (including changes over time), using simple equipment • gathers and records simple data to help in answering questions • identifies and classifies (decides how to sort and group objects) • uses their observations and ideas to suggest answers to questions 	Plants <ul style="list-style-type: none"> • identify leaf, root, stem and flower • make observations of plants, including flowers and vegetables they have planted Animals, Including Humans <ul style="list-style-type: none"> • notice that animals, including humans, have offspring which grow into adults Everyday Materials <ul style="list-style-type: none"> • distinguish between an object and the material from which it is made • compare and group together a variety of everyday materials on the basis of their simple physical properties Seasonal Changes <ul style="list-style-type: none"> • observe and describe weather associated with the seasons and begin to notice how day length varies • recall simple changes associated with each season