



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 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 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