New Hall Primary School
Learning Curriculum Progression of Skills: Science – Working Scientifically

WSO	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Curriculum Objectives	N/A	**Celebrations/Science Weeks** - Ask simple questions when prompted - Suggest ways of answering a question - Make relevant observations - Conduct simple tests, with support - Use observations to suggest answers to questions - Recognise findings - Gather and record data - With prompting, suggest how findings could be recorded	**Little Master Chefs/Science Weeks** - Ask simple questions and recognise that they can be answered in different ways - Observe closely, using simple equipment - Perform simple tests - Identify and classify - Suggest answers to questions by observing, gathering and recording data - Record and communicate findings using simple scientific language	**We are Astronauts/Science Weeks** - Ask relevant questions when prompted - Set up simple, practical enquiries and comparative tests - Make systematic observations, gather and record data - With prompting, record, group and display evidence and report findings - With prompting, suggest conclusions, possible improvements or further questions	**Brilliant Bubbles/Science Weeks** - Ask relevant questions and plan scientific enquiries to answer them - Set up simple and practical enquiries, comparative and fair tests - Make systematic and careful observations and measurements to answer questions - Record and report on findings from enquiries - Identify differences, similarities or changes related to simple scientific ideas and processes - Use results	**Super Scientists/Science Weeks** - With prompting, plan scientific enquiries, controlling variables where necessary - Take measurements, repeating as necessary - Record data - Suggest further comparative or fair tests - Report and present findings from enquiries - With prompting, identify that not all results may be trustworthy - Suggest how evidence can support conclusions	**We are dinosaur hunters/Science Weeks** - Plan scientific enquiries to answer questions, controlling variables where necessary - Take measurements - Record data and results of increasing complexity - Use test results to make predictions to set up further comparative and fair tests - Report and present findings from enquiries - Identify scientific evidence that has been used to support or refute ideas or arguments
Vocabulary (units opitional)	N/A	**WSO** Question, observation, test, findings, data **Celebrations (optional)** Illuminate, Light source, Opaque, Reflect, Translucent, Transparent, Shadow, Sound, Vibration	**WSO** Equipment, identify, classify, communicate **Little Masterchefs (optional)** Illuminate, Light source, Opaque, Reflect, Translucent, Transparent, Shadow, Sound, Vibration	**WSO** Enquiries, comparative, systematic, evidence, conclusion **We are Astronauts (optional)** Moon, Rocket, Thrust, Crater, Sphere, Cosmonaut, Astronaut, Shock absorber, Thermos-stabilised, food, Water cooling, Air tight, UV	**WSO** Scientific, fair test, measurements, report, differences, similarities, results **Brilliant Bubbles (optional)** Diluted, Concentrated Sphere, Melt, Estimate Gas, Carbon dioxide, Yeast, Ferment	**WSO** Variables, repeat, present, trustworthy, support **Super Scientists (optional)** Scientist, Analyse Pattern, Survey, Classify Fair test, Forensic & Fingerprint	**WSO** Complexity. Predictions, arguments **We are dinosaur hunters** Prehistoric, Mesozoic Triassic, Jurassic, Cretaceous, Trace fossil Coprolite, Herbivore, Carnivore, Omnivore, Extinction, Warm-blooded, Cold-blooded

Enrichment activities	N/A	Opportunities for outdoor learning Termly working scientific weeks British Science Weeks Science Club Science Workshops Science Fair	Opportunities for outdoor learning Termly working scientific weeks British Science Weeks Science Club Science Workshops Science Fair	Opportunities for outdoor learning Termly working scientific weeks British Science Weeks Science Club Science Workshops Science Fair	Opportunities for outdoor learning Termly working scientific weeks British Science Weeks Science Club Science Workshops Science Fair	Opportunities for outdoor learning Termly working scientific weeks British Science Weeks Science Club Science Workshops Science Fair	Opportunities for outdoor learning Termly working scientific weeks British Science Weeks Science Club Science Workshops Science Fair