



Name: _____

Class: _____

Upper KS2 – Working Scientifically Targets

Expected Targets	Met	Super Challenge Targets	Met
I can plan enquiries, including recognising and controlling variables where necessary		I can ask questions and develop lines of enquiry based on observations.	
I can take measurements, using a range of scientific equipment, with increasing accuracy and precision		I can make predictions using scientific knowledge and understanding.	
I can record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models		I can plan and design investigations and experiments to make observations and test predictions.	
I can report findings from enquiries, including oral and written explanations of results, explanations involving causal relationships, and conclusions.		I can identify independent, dependent and control variables and other factors to be taken into account when collecting evidence and data.	
I can present findings in written form, displays and other presentations.		I can select appropriate techniques, apparatus, and materials during fieldwork and laboratory work, working safely.	
I can use test results to make predictions to set up further comparative and fair tests.		I can make and record observations and measurements using a range of methods for different investigations.	
I can use simple models to describe scientific ideas		I can evaluate the reliability of methods and suggest possible improvements.	
I can identify scientific evidence that has been used to support or refute ideas or arguments.		I can present observations and data using appropriate methods, including tables and graphs.	
		I can interpret observations and data.	
		I can present reasoned explanations.	
		I can evaluate data, showing awareness of potential errors.	
		I can identify questions arising from results of investigations.	