Barrow Hedges Science Journey Working Scientifically

I can relate the outcome from an enquiry to scientific knowledge in order to state whether evidence supports or refutes an argument or theory. I can use test results to make predictions to set up further comparative fair tests. I can report and present findings from enquiries, including conclusions, casual relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations I can record data and results of increasing complexity using scientific diagrams and labels, I can plan different types of scientific classification keys, tables, I can identify scientific evidence enquiries to answer questions, I can read, spell and pronounce scatter graph, bar and line that has been to support or including recognising and controlling scientific vocabulary accurately YEAR graphs. refute ideas or arguments. variables where necessary. I can take measurements, using I can explain causal relationships a range of scientific equipment, in an enquiry. with increasing accuracy and precision, taking repeat readings I can explain a when appropriate. conclusion from an enquiry. I can identify differences, similarities or changes related to I can use the outcome of test I can plan different types of I can measure accurately and results to make predictions and set simple scientific ideas and scientific enquiry. precisely using a range of YEAR up further comparative fair tests. processes. equipment. I can report findings from I can record data and results using scientific I can control variables in enquiries in a diagrams and labels, classification keys, tables, an enquiry. range of ways. I can use results to scatter graphs, bar and line graphs. draw simple conclusions, make predictions for new I can make systematic and careful I can report on findings from values, suggest I can record findings using simple observations and, where appropriate, take enquiries, including oral and written improvements and scientific language, drawings, accurate measurements using standard explanations, displays or raise further units, using a range of equipment, including labelled diagrams, keys, bar charts presentations of results and questions. and tables. thermometers and data loggers. conclusions. I can set up simple practical enquiries, comparative and fair tests. I can gather, record, classify and present data in a variety I can ask relevant of ways to help in answering I can gather, record, questions and use scientific questions. classify and present different types of data in different ways scientific enquiries to I can use equipment, to answer scientific answer them. I can draw simple including thermometers and I can set up a test to questions. data loggers to make conclusions. compare two things I can make a simple measurements. YEAR prediction with a reason. I can set up a simple









Barrow Hedges Science Journey The Early Years Foundation Stage



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Believe to achieve







Believe to achieve



