# INVESTIGATIVE SKILLS PROGRESSION IN SCIENCE

| YEAR 1/2 SCIENCE GOALS | YEAR 3/4 SCIENCE GOALS | YEAR 5/6 SCIENCE GOALS |
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| I can ask simple questions and understand that they can have different answers. | I can ask questions and use different types of scientific investigations to answer them. | I can plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. |
| I can observe closely using simple equipment. | I can set up simple and fair investigations and compare them with others. | I can take accurate and precise measurements, using a range of scientific equipment, repeating readings when needed. |
| I can perform simple tests. | I can make careful observations and accurate measurements. | I can record more complex data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. |
| I can name and sort into different groups. | I can use standard units and a range of equipment, including thermometers and data loggers. | I can use test results to make predictions to set up further comparative and fair tests. |
| I can use what I have seen to answer questions. | I can gather, record, classify and present data in different ways to help in answering questions. | I can report and present findings and conclusions from enquiries in different ways, stating reasons for outcomes and suggesting how reliable they may be. |
| I can collect and record information to help answer questions. | I can record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables. | I can identify scientific evidence that has been used to support or refute ideas or arguments. |

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| | I can talk and record my findings from investigations using displays or presentations of results and conclusions. | |
| | I can use results to draw simple conclusions, make predictions, suggest improvements and ask further questions. | |
| | I can identify differences, similarities or changes in investigations. | |
| | I can use scientific evidence to answer questions or to support my findings. | |