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|  | **Science Skill** | **Year 3 & 4**  ***Teachers helps pupils make decision*** | **EMERGING** | **EXPECTED** | **EXCEEDING** |
| **Asking the**  **question** | **Asking the starter question** | With help we can ask a scientific question |  |  |  |
| **Decide which type of enquiry is needed** | We can help to make decisions about the type of enquiry (research, comparative study fair test) to carry out |
| **Collect data:**  **W*hat are we measuring or observing?*** | With help we can decide what we are going to look/listen for…and/or measure… |
| **Collect data:**  ***What might affect what we are observing or measuring?*** | With help we can talk about (or list) the variables that will affect what we are observing or measuring |
| **Ask a questions (which could lead to a fair test)** | What do you think will happen to X if we change Y and keep…and…the same? |
| **Predict what might happen** | We think X might happen because…(based on everyday knowledge) |
| **Planning** | With help we can decide the equipment we need |
| **Collecting data** | **Gather evidence** | This is what we have observed…  This is what we have measured …  (Accurate standard units, range of equipment, including data logger) |  |  |  |
| **Sorting and classifying** | We use simple keys to classify (objects, living things and materials) |
| **Analysing data and drawing conclusions** | **Noticing patterns and relationships** | From the data (observation or measurements) this is the change/pattern we noticed.  These are the similarities/differences between… |  |  |  |
| **Suggest improvements** | Suggest improvements to our method.  If we did this again we would do… |
| **Presenting**  **findings** | **Record findings** | We help to make decision about how to record (using simple scientific language)  With help we can show you what we have found out using notes, simple tables, labelled diagrams, drawing, bar charts (use standard units) |  |  |  |
| **Reporting findings** | We can use of records to explain our findings through talk, displays or writing |

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| **Date Last Assessed** | **Year Group** |
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