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| **Scoring Criteria** | **What I Need to Do**(This area provided for you to indicate that you understand the requirements of the investigation task.) | **Evidence of What I Did**(This area provided for your FINAL self-assessment. You can **color-code** to show where evidence is found in your investigation write-up.) |
| **Scientific Communication Using Data****(DOK 2, 3)** | My data will be organized in \_\_\_\_\_\_\_\_\_\_ (chart, table, graph, diagram, other?) and labeled (title, axes, parts). Diagrams have a key (scale, time, etc.).My data must address my question/ hypothesis & be used to support my analysis & conclusions (do data support/refute my hypothesis\_\_\_? Raise new question\_\_\_?).\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has reviewed my explanation/data, understands it, sees no design or procedural flaws & *could* replicate the investigation.(Requires peer to review & sign off – both are graded, so read critically!) |  |
| **Scientific Concepts and** **Related Content****(DOK 1, 2, 3)** | Terms/concepts I’ll accurately use/ understand (list here and underline in your report):Things I need to be sure to observe or pay attention to:A “Big Idea” that might help me to *connect my learning* to other things I know or want to learn more about:I’ll connect \_\_\_procedures \_\_\_observations \_\_\_conclusions to a big idea or \_\_\_\_\_\_\_\_\_ |  |
| **Scientific Tools and****Technologies****(DOK 1, 2)** | Tools I need to safely use to collect data and complete the task/investigation:I’ll check for data collection mistakes/errors and precision by: |  |
| **Scientific Procedures** **&** **Reasoning Strategies****(DOK 2, 3)** | The investigation question:My hypothesis/prediction \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is based on my prior observation/understandings:Procedures ensure variable(s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are controlled (fair test).Data to be collected:[\_\_\_\_\_Trials \_\_\_\_\_ sample size]  |  |