Mealworm Investigation Notebook

**Required assignments for all students:**

**Directions for Investigation Notebook**: this will be completed during class. You will need to have a few sheets of graph paper, notebook paper, and colored pencils. The purpose of the notebook is for you to learn how to use data collection and analysis skills in science. We will monitor the lifecycle of mealworms in the classroom over a period of 6 weeks. The notebook will be scored with the rubric below.

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| **Elements of Investigation Notebook Features** | **Possible points** | | **Points received** |
| Date, location, topic, materials | | 5 | |
| Team partner’s names | | 5 | |
| Data as: technical drawings, photos, specimens | | 10 | |
| Data as: graphs, charts, diagrams | | 10 | |
| Qualitative data | | 10 | |
| Table of contents, glossary, index, tabbed pages, numbered pages | | 10 | |
| Questions for further inquiry | | 10 | |
| Predictions | | 10 | |
| Conclusions or explanations linked to evidence | | 10 | |
| Reflections, revisions in original entries to reflect new learning | | 10 | |
| Use of color to indicate organization or enhance notes (highlighters, colored pens, etc.) | | 10 | |
| Other- Bonus | | | |
| Total | | 100 | |