**Activity Rubric**

| Score | Notebook | Procedure | Presented Data | Data Analysis | Results | Conclusion |
| --- | --- | --- | --- | --- | --- | --- |
| **13** | Includes data, procedure, drawings, supporting products and analysis | Detailed and complete, including details of accurate and precise measurement | Data is complete, listed in tables, clearly separated, with units and no analysis | Analysis is correct and structured, clearly derived from data, with results emphasized | Text focuses on physical meaning of results, connects analysis to the activity purpose | Text synthesizes procedure, data, analysis, and result to a defensible conclusion |
| **12** | Includes data, procedure, drawings, supporting products | All steps listed, including details of accurate and precise measurement | Data is complete, listed in labeled tables with units and no analysis | Analysis is correct and structured, clearly derived from data, with results emphasized | Text implies physical meaning of results, connects analysis to the activity purpose | Text synthesizes procedure, data, analysis, and result to a reasonable conclusion |
| **11** | Includes data, some procedure, drawings, supporting products | Most steps listed, including details of accurate and precise measurement | Data is complete, listed in tables with units and no analysis | Analysis is mostly correct, clearly derived from data | Text connects analysis to the activity purpose with results and data | Text discusses procedure, data, analysis, and result to support a conclusion |
| **10** | Includes data, some procedure, drawings, generally supporting the product | Most steps listed, missing some details of accurate and precise measurement | Data is complete, but not well organized with units and no analysis | Analysis contains a few significant errors | Text uses some results and data to connect results and purpose | Text discusses procedure, data, analysis, and result to create a conclusion |
| **9** | Includes data, procedure, drawings, generally supporting the product | Most steps listed but incomplete details of measurement | Data is complete, but not well organized missing some units | Analysis contains many significant errors or is not clearly connected to the data | Text states results but does not link to physical meaning of activity | Text reviews some of procedure, data, analysis, or result to create a conclusion |
| **8****or****below** | Is missing one or more of data, procedure, drawings, supporting product | Few steps listed or incomplete details of measurement | Data is not complete, or missing most units and/or significant analysis | Analysis is incomplete or not supported by the data. | Text does not supply a context of results, and/or does not use supported data | Text reviews activity and summarizes results with no inferences or physical meaning |