|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Category | 4 | 3 | 2 | 1 |
| Required elements | All required elements are included. | One required element is missing. | Two required elements are missing. | Three or more required elements are missing. |
| Plan | Plan is neat with clear measurements and labeling for all components. | Plan has some measurements and labeling. | Plan is missing either measurements or labeling. | Measurements and labeling are both missing. |
| Modification/testing | Clear evidence of testing and refinements based on data. Each test is documented. | Clear evidence of testing and refinements. Most tests are documented. | Some evidence of testing and refinements. Some tests are documented. | Little evidence of testing or refinements. Little documentation of testing. |
| Data book content | Complete record of planning, construction, testing, reasons for modifications. Reflection and explanations are clear and complete. | Complete record of planning, construction, testing, reasons for modifications. Incomplete reflection and explanations. | Incomplete record of planning, construction, testing, reasons for modifications. Reflection and explanations are complete. | Incomplete record of planning, construction, testing, reasons for modifications. Incomplete reflection and explanations. |
| Cooperation | Clear evidence that you shared the workload and participated fully in the project. | There is some evidence that you contributed to the project. | There is little evidence that you contributed to the project. | There is evidence that you interfered with completing the project. |
| Analysis | Explanation is complete. Variables and innovations are identified. Evidence is used to support claims.  | Explanation is incomplete or evidence is not used to support claims. Variables and innovations are identified. | Explanation is incomplete or evidence is not used to support claims. Variables and innovations are not completely identified. | Explanation is incomplete, evidence is not used to support claims, and variables and innovations are not identified.  |