**Field Notes/Field Book Scoring Rubric**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Needs Improvement (3)** | **Satisfactory (4)** | **Exemplary (5)** | **Score** |
| **Knowledge** | Information recorded on materials is accurate; information recorded on relevant geologic features is accurate | Information recorded on mineral composition, textural characteristics, and material type is accurate within student's background; information recorded on spatial dimensions, distribution, geometry, and physical relationships is accurate within student's background; | Information recorded on mineral composition, textural characteristics, and material type is consistently accurate; information recorded on spatial dimensions, distribution, geometry, and physical relationships of relevant geologic features is consistently accurate |  |
| **Skills** | Observations recorded completely within limits of student's background; required measurements are recorded; presentation of data is organized; graphical representations is present; | Observations recorded feature relevant information on materials and relationships; accurate measurements are recorded; presentation of data is clear and well-organized; graphical representations highlight relevant features | Observations recorded completely convey relevant features, materials, and relationships; measurements recorded consistently and accurately; presentation of data is clear, concise, and consistently well-organized; graphical representations are representative, accurately scaled, with relevant features highlighted |  |
| **Dispositions** | Observations reflect full participation in exercise;basic interpretation of field relations is provided; inclusion of relevant information | Distribution and detail of observations reflects exploration; attempt is made to interpret field relationships; inclusion of most highly relevant information | Distribution and detail of observations reflects optimal planning and execution; interpretation of field relations provides basis for continued inquiry; questions and/or predictions reflect reasonable hypothesis construction; inclusion of all relevant information; evaluate the accuracy and uncertainty of data within the detection limits of the equipment or observational technique |  |